

- Compact form factor with "Built for Touch" reliability
- Pure-glass touchscreen for optimal image quality
- Multiple mounting options
- 3 year standard warranty



## 1247L 12-inch Open-Frame Touchmonitor

The Elo 1247L open-frame LCD touchmonitor complements the Elo Touch Solutions family of touch solutions for kiosk information systems, gaming and amusement, and light industrial shop-floor automation. This rear-mount touchmonitor is "designed for touch," with proven Elo expertise and reliability built in. An integrated precision mini-bezel seals the touchscreen against dirt, dust and liquids, which simplifies integration into the final enclosure.

Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications, allowing future-generation panels to be phased in without external changes.

The 1247L is available with Elo surface acoustic wave technology IntelliTouch featuring a pure glass touchscreen that works even if scratched and provides excellent image quality.

Worldwide agency approvals cover the whole monitor, which is developed, built, serviced and supported by a true single source supplier. The 1247L open-frame LCD touchmonitor provides an economical solution for system integrators and VARs.

### Benefits

- Touchscreen sealed against dirt, dust and liquids
- Easy to integrate with mounting from side or top and bottom
- Integrated precision minibezel with watertight 0.5mm seal
- Dual serial/USB touch interface

### Application

- Kiosks
- Point of Information Displays
- Gaming Systems
- Industrial automation

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.



## 1247L 12-inch Open-Frame Touchmonitor

| Specifications                  |                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                           | 1247L                                                                                                                                                                                                                                                                                                                                            |
| Color                           | Black                                                                                                                                                                                                                                                                                                                                            |
| Active Display Area             | 246 x 185 mm / 9.7 x 7.3 inches                                                                                                                                                                                                                                                                                                                  |
| Dimensions                      | 303 x 242 x 60 mm / 11.9 x 9.5 x 2.4 inches                                                                                                                                                                                                                                                                                                      |
| LCD Technology                  | Active matrix TFT LCD                                                                                                                                                                                                                                                                                                                            |
| Diagonal Size                   | 12.1"                                                                                                                                                                                                                                                                                                                                            |
| Aspect Ratio                    | 4:3                                                                                                                                                                                                                                                                                                                                              |
| Native Resolution               | 800 x 600 at 60 Hz                                                                                                                                                                                                                                                                                                                               |
| Preset Video Timings            | 800 x 600 at 56, 60, 72 or 75 Hz<br>720 x 400 at 70 Hz<br>640 x 480 at 60, 66 Hz (Mac), 72 or 75 Hz<br>640 x 350 at 70 Hz                                                                                                                                                                                                                        |
| Number of Colors                | 262,000                                                                                                                                                                                                                                                                                                                                          |
| Brightness (typical)            | LCD Panel: 450 nits; IntelliTouch: 405 nits                                                                                                                                                                                                                                                                                                      |
| Response Time (Tr+tf) (typical) | 25ms                                                                                                                                                                                                                                                                                                                                             |
| Viewing Angle (typical)         | Horizontal: 160 °; Vertical: 140 °                                                                                                                                                                                                                                                                                                               |
| Contrast Ratio (typical)        | 800:1                                                                                                                                                                                                                                                                                                                                            |
| On-Screen Display (OSD)         | <b>Controls (remote with 1.8m cable):</b> menu, down, up, auto/sel<br><b>Settings:</b> contrast, brightness, V/H position, recall default, RGB, OSD exit, sharpness, phase, clock, OSD H/V position, OSD time, auto adjust, information<br><b>Languages:</b> English, French, German, Spanish, Japanese<br><b>Lockouts:</b> power, user controls |
| Input Video                     | Analog VGA<br>Mini D-Sub 15-Pin VGA type<br>Horizontal: 31.5-48.1 kHz<br>Vertical: 56.3-75 Hz                                                                                                                                                                                                                                                    |
| Power                           | Power supply: External DC (power brick)<br>Input (Line) voltage: 100-240 VAC, 50-60 Hz<br>Input connector: DC: Coaxial power jack (2 mm pin diameter, 6.4 mm barrel diameter, 8.8 mm barrel length)<br>Output voltage: 12 volts at 3.33 amp max.<br>Power Consumption (Typical): 12W                                                             |
| Weight                          | Unpackaged: 4 kg (8.8 lb); Packaged: 6 kg (13.2 lb)                                                                                                                                                                                                                                                                                              |
| Shipping Dimensions             | 440 x 325 x 195 mm / 17.32 x 12.8 x 7.68 inches                                                                                                                                                                                                                                                                                                  |
| Temperature                     | Operating: 0 °C to 40 °C (32 °F to 104 °F); Storage: -20 °C to 60 °C (-4 °F to 140 °F)                                                                                                                                                                                                                                                           |
| Humidity (non-condensing)       | Operating: 20% to 85%; Storage: 5% to 95%                                                                                                                                                                                                                                                                                                        |
| Mounting Options                | 75 mm VESA mount<br>Rear mount through bezel or with included standard mounting brackets                                                                                                                                                                                                                                                         |
| Agency Approvals                | UL/cUL (*recognized component), FCC, TÜV-Bauart, CE, VCCI, C-Tick                                                                                                                                                                                                                                                                                |
| Warranty                        | 3 years standard                                                                                                                                                                                                                                                                                                                                 |
| MTBF                            | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                        |

## Ordering Information

| Model | Part Number | Technology   | Interface  | Surface Treatment | Availability |
|-------|-------------|--------------|------------|-------------------|--------------|
| 1247L | E655204     | IntelliTouch | Serial/USB | Antiglare         | Worldwide    |

## Optional Peripherals

| Peripheral              | Part Number |
|-------------------------|-------------|
| IntelliTouch Stylus Pen | D82064-000  |

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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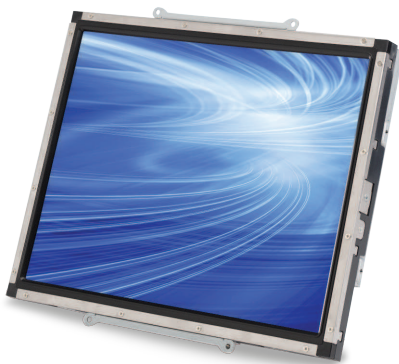
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- "Designed for touch" from the ground up
- Elo reliability and quality at an economical price point
- 3 year warranty



## 1537L 15" LCD Open-Frame Touchmonitor

The Elo 1537L open-frame LCD touchmonitor complements the Elo expanding family of touch solutions for kiosk information systems, gaming and amusement, and light industrial shop-floor automation. This compact touchmonitor is "designed for touch," with proven Elo expertise and reliability built in. An integrated precision mini-bezel seals the touchscreen against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications, allowing future-generation panels to be phased in without external changes.

The 1537L is available with a choice of industry-leading Elo touch technologies: AccuTouch five-wire resistive, CarrollTouch infrared,

IntelliTouch surface acoustic wave and SecureTouch vandalresistant. A dual serial/USB touch interface is available. Worldwide agency approvals cover the whole monitor, which is developed, built, serviced and supported by a true single source supplier. The 1537L open-frame LCD touchmonitor provides an economical solution for system integrators and VARs.

### Benefits:

- Choice of Elo touch technologies: AccuTouch, CarrollTouch, IntelliTouch, IntelliTouch Plus, SecureTouch
- Touchscreen sealed against dirt, dust and liquids
- Compact and easy to integrate with mounting from sides or top and bottom; also a VESA mount option
- Dual serial/USB touch interface
- Worldwide agency approvals
- Three year standard warranty

### Applications:

- Kiosk information systems
- Gaming and amusement
- Light industrial shop-floor automation

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.



## 1537L 15" Open-Frame Touchmonitor Specifications

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case/Bezel color             | Steel/black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Display type                 | Active matrix TFT LCD with LED backlighting                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Display size                 | 15.0" diagonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Aspect ratio                 | 4:3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Useful screen area           | Horizontal: 12" (304 mm); Vertical: 9" (228 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Monitor dimensions           | Width: 13.2" (336 mm)<br>Height: 10.4" (264 mm)<br>Depth: 1.6" (41 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Optimal (native) resolution  | 1024 x 768                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Other supported resolutions  | 1024 x 768 at 60, 65 (Sun), 70, or 75 Hz; 832 x 624 at 75 Hz (Mac); 800 x 600 at 56, 60, 72, or 75 Hz; 720 x 400 at 70 Hz; 720 x 350 at 70 Hz; 640 x 480 at 60, 66 (Mac), 72, or 75 Hz                                                                                                                                                                                                                                                                                                                  |
| Colors                       | 16.2 million colors with dithering                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Brightness (typical)         | LCD Panel: 250 nits;<br>AccuTouch: 200 nits; IntelliTouch: 225 nits; IntelliTouch Plus: 225 nits;<br>SecureTouch: 225 nits; CarrollTouch: 225 nits                                                                                                                                                                                                                                                                                                                                                      |
| Response time (typical)      | 16 msec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Viewing angle (from center)  | Horizontal (left/right): $\pm 80^\circ$ or $160^\circ$ total Vertical (up/down): $\pm 70^\circ$ or $140^\circ$ total                                                                                                                                                                                                                                                                                                                                                                                    |
| Contrast ratio (typical)     | 700:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Input video format           | Analog VGA and Digital DVI                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Input video signal connector | Female DE-15 connector, Female DVI-D, Dual-Link connector                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Scanning frequency           | Horizontal: 31.5 - 60.2 kHz; Vertical: 56.3 - 75 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Power supply                 | External DC—optional power brick (sold separately)<br>Input voltage—DC: +12VDC $\pm 5\%$ at 2.5 A max.<br>Input power connector specification (on monitor)—Type: DC Barrel Jack; Barrel inner diameter: 6.4 mm ( $\pm 0.3$ mm); Pin outer diameter: 2.0 mm (+0.0 -0.1 mm); Barrel depth: 8.8 mm ( $\pm 0.3$ mm) Power connector (on power brick)—Type: DC Barrel Plug; Barrel outer diameter: 5.5 mm ( $\pm 0.1$ mm); Pin inner diameter: 2.1 mm ( $\pm 0.1$ mm); Barrel length: 9.5 mm ( $\pm 0.5$ mm) |
| Power Consumption (typical)  | Monitor only: 13.5W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Temperature                  | Operating: $0^\circ\text{C}$ to $40^\circ\text{C}$ ; Storage: $-20^\circ\text{C}$ to $60^\circ\text{C}$                                                                                                                                                                                                                                                                                                                                                                                                 |
| Humidity                     | Operating: 20% to 80% (non-condensing); Storage: 10% to 90% (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MTBF                         | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Weight (approx.)             | Actual: 6.6 lbs (3.0 kg); Shipping: 9.7 lbs (4.4 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Warranty                     | 3 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| On-screen display (OSD)      | Digital OSD or Remote OSD with 1.8m cable                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| User's controls              | OSD buttons: menu, up, down, select, power; OSD: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, language (English, German, Spanish, Japanese, French); OSD disable/enable: power, OSD menu                                                                                                                                                                                                                                                                                 |
| Mounting options             | 100 mm or 75 mm VESA mount; open-frame with brackets; mounting brackets included                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Agency Certification         | UL, cUL (Recognized), FCC, CE, VCCI, IC, C-TICK, CCC, BSMI, KC, China RoHS                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Ordering Information

| Model | Part Number | Technology        | Interface       | Surface Treatment | Availability |
|-------|-------------|-------------------|-----------------|-------------------|--------------|
| 1537L | E701210     | AccuTouch         | Dual serial/USB | Antiglare         | Worldwide    |
|       | E461378     | CarrollTouch      | Dual serial/USB | Antiglare         | Worldwide    |
|       | E512043     | IntelliTouch      | Dual serial/USB | Antiglare         | Worldwide    |
|       | E731919     | SecureTouch       | Dual serial/USB | Antiglare         | Worldwide    |
|       | E419638     | IntelliTouch Plus | USB             | Clear             | Worldwide    |

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- Compact form factor with "Built for Touch" reliability
- 50% energy savings using LED technology
- Multiple mounting options
- 3 year standard warranty



## 1541L 15" LED Open-Frame Touchmonitor

The Elo Touch Solutions 1541L 15" wide-screen open-frame touchmonitor is easier to use and incorporate into commercial and industrial environments than traditional open-frame touchmonitors. Wide-screen format (16:9 aspect ratio) displays allow more content on the screen than standard aspect ratio (4:3) and are quickly becoming the preferred choice where a larger touch activated surface area is desired. In addition, these displays deliver high-definition cinematic-like experience that is especially valuable for public venue environments. Like all Elo open-frame touchmonitors,

the specifications and tooling are controlled to ensure a long product life, which is important in maintaining continuity for all phases of project rollouts and servicing. The 1541L features an injection-molded bezel with a virtually invisible water-resistant seal, thus making it a good choice to withstand the rigors of public use. The 1541L has a compact form factor and multiple mounting options for easy integration. It features a high quality LCD panel and worldwide agency approvals. The 1541L is available with a choice of AccuTouch 5-wire resistive and IntelliTouch Plus surface acoustic wave touchscreen technologies.



## PRODUCT OVERVIEW

### Features:

- Integrated precision mini-bezel with water-resistant 0.5mm seal
- Mounting options including rear-mount (with two included mounting brackets) and VESA mount
- Choice of two industry-leading touchscreen technologies: AccuTouch 5-wire resistive, IntelliTouch Plus multi-touch surface acoustic wave
- Worldwide agency approvals

### Applications:

- Gaming machines
- Kiosks
- Point-of-Information
- Self-service

### About Elo

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## 1541L 15.6" Open-Frame Touchmonitor

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                 | 1541L                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Active Display Area                   | 13.5" x 7.6" (344.2mm x 193.5mm)                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Dimensions                            | 14.8" x 8.7" x 1.8" (376.8mm x 221.1mm x 45.7mm) max                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LCD Technology                        | Active matrix TFT LCD with LED backlighting                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Diagonal Size                         | 15.6"                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| On-Screen Display (OSD)               | Accessible through switches on the unit's tethered OSD Control Keypad<br>Controls: Menu, Up, Down, Select, Power<br>Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, OSD H-Position, OSD V-Position, Recall Defaults, Video Source<br>Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese<br>Lockouts: OSD, Power |
| Mounting Options*                     | VESA 4-hole 75mm mounting interface on rear of unit. 2-hole mounting interface on all 4 sides                                                                                                                                                                                                                                                                                                                                                                                  |
| Native Resolution                     | 1366 x 768                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Aspect Ratio                          | 16:9                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preset Video Timings                  | 720 x 350 at 70Hz; 720 x 400 at 70Hz; 640 x 480 at 60, 72, 75Hz; 800 x 600 at 56, 60, 72, 75Hz; 800 x 500 at 60Hz; 832 x 624 at 75Hz; 1024 x 768 at 60, 70, 75Hz; 1280 x 800 at 60Hz; 1280 x 960 at 60Hz; 1280 x 1024 at 60, 75Hz; 1366 x 768 at 60Hz                                                                                                                                                                                                                          |
| Number of Colors                      | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Brightness (typical)                  | LCD Panel: 250 nits; with Intellitouch Plus: 225 nits; with AccuTouch: 200 nits                                                                                                                                                                                                                                                                                                                                                                                                |
| Response Time (Tr + Tf) (typical)     | 16ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Viewing Angle (typical)               | Horizontal: ±85 or 170°; Vertical: ±65 or 130°                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Contrast Ratio (typical)              | 500:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Video                                 | Analog VGA on Female DE-15 connector; Digital DVI on Female DVI-D connector; Input Video Horizontal Sync frequency range: 31.5-80KHz; Input Video Vertical Sync (frame rate) frequency range: 50-75Hz                                                                                                                                                                                                                                                                          |
| Power                                 | External DC—optional power brick (sold separately)<br>Monitor input power connector: Coaxial power jack (2mm pin outer diameter, 6.4mm barrel inner diameter); Monitor input power signal specifications: 12VDC ± 5%<br>Adapter input connector: IEC 60320 C14;<br>Adapter input voltage range: 100-240VAC, 50/60Hz                                                                                                                                                            |
| Power Consumption                     | ON (monitor + AC/DC adapter at 230V/50Hz): 15W(Typ), 19W(Max); SLEEP (monitor + AC/DC adapter at 230V/50Hz): 2.0W; OFF (monitor + AC/DC adapter at 230V/50Hz): 1.0W                                                                                                                                                                                                                                                                                                            |
| Weight                                | Unpackaged: 6.4 lbs (2.9kg); Packaged: 9.5 lbs (4.3kg)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Shipping Dimensions                   | 17.5" x 11.1" x 5.7" (44.5cm x 28.2cm x 14.5cm)                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Temperature                           | Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 140°F (-20°C to 60°C)                                                                                                                                                                                                                                                                                                                                                                                                 |
| Humidity (non-condensing)             | Operating: 20%-80%; Storage: 10%-90%                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Regulatory approvals and declarations | Australia C-Tick; Canada cUL, IC; China CCC; Europe CE; Japan VCCI; Korea KCC; Mexico CoC; Taiwan BSMI; United States UL, FCC; International CB; RoHS, China RoHS, WEEE, IMERC                                                                                                                                                                                                                                                                                                 |
| Warranty                              | 3 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MTBF                                  | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

\*See dimensional drawings for details.

## Ordering Information

| Model | Part Number | Technology        | Interface | Surface Treatment | Availability |
|-------|-------------|-------------------|-----------|-------------------|--------------|
| 1541L | E606625     | IntelliTouch Plus | USB       | Clear             | Worldwide    |
|       | E805638     | AccuTouch         | USB       | Anti-glare        | Worldwide    |

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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- “Built for Touch” with proven Elo expertise and reliability
- Mounting options including rear-mount and VESA mount
- 3 year warranty



## 1739L 17" Open-Frame Touchmonitor

Elo's 1739L 17" open-frame touchmonitor delivers a cost-effective touch solution for OEM's and systems integrators, and complements Elo's expanding family of touch solutions for applications in the retail self-service and gaming/amusement markets. This compact touchmonitor is “designed for touch” from the ground up, with Elo's proven expertise and reliability built in, and not added as an afterthought by altering an existing monitor.

The 1739L features a brilliant wide viewing angle panel to instantly grab and hold the users' attention, whether they are checking out retail goods with a self-service kiosk or playing games in a casino or arcade. Because the enclosure is controlled by

Elo's specifications and tooling, Elo's rear-mount monitors have a long-lasting product cycle—important for continuity through all phases of project rollouts and when servicing. It also features a unique, injection-molded minibezel with virtually invisible watertight seal, making it ideal for the rigors of public use.

Narrow borders, multiple mounting options, and a dual serial/USB touch interface add to the versatility of the 1739L. Worldwide agency approvals, as set forth on the back side of this datasheet, cover the entire monitor that is designed, built and supported by Elo, a true single source supplier.

## PRODUCT OVERVIEW

### Benefits

- Long lasting product cycle-enclosure controlled by Elo specifications
- High quality energy-saving LED panel
- Future generation panels phased-in without external changes
- Integrated precision minibezel with watertight 0.5 mm seal
- IntelliTouch or IntelliTouch Plus surface acoustic wave, SecureTouch vandalresistant surface acoustic wave, AccuTouch 5-Wire-Resistive, CarrollTouch Infrared touch technology
- Optional front mount and rack mount bezels
- Multilingual on-screen display (OSD)
- 3-D electronic design files available

### Applications

- Casino and amusement games
- Retail self-service
- Information kiosks

### About Elo

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## 1739L 17" Open-Frame Touchmonitor Specifications

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case/Bezel Color                     | Steel/black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Display                              | Size: 17.0" diagonal<br>Type: Active matrix TFT LCD with LED backlighting<br>Aspect ratio: 5:4                                                                                                                                                                                                                                                                                                                                                                                                             |
| Useful Screen Area                   | Horizontal: 13.3" (338 mm); Vertical: 10.6" (270 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Monitor Dimensions                   | Width: 14.5" (368 mm)<br>Height: 12.0" (306 mm)<br>Depth: 1.9" (49 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Optimal (native) Resolution          | 1280 x 1024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Colors                               | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Brightness (typical)                 | LCD panel: 250 nits; AccuTouch: 200 nits; CarrollTouch: 225 nits; IntelliTouch: 225 nits;<br>IntelliTouch Plus: 225 nits; SecureTouch: 220 nits                                                                                                                                                                                                                                                                                                                                                            |
| Response Time (typical)              | 5msec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Viewing Angle (typical, from center) | Horizontal (left/right): $\pm 85^\circ$ or $170^\circ$ total<br>Vertical (up/down): $\pm 80^\circ$ or $160^\circ$ total                                                                                                                                                                                                                                                                                                                                                                                    |
| Contrast Ratio (typical)             | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Input Video Format                   | Analog VGA and digital DVI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Input Video Signal Connector         | Female DE-15 connector, Female DVI-D, Dual-Link connector                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Input Frequency                      | Horizontal: 31.5-80.0 kHz; Vertical: 56.3-75 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power                                | External DC—optional power brick (sold separately)<br>Input voltage—DC: +12VDC $\pm 5\%$ at 2.5 A max.<br>Input power connector specification (on monitor)—Type: DC Barrel Jack; Barrel inner diameter: 6.4 mm ( $\pm 0.3$ mm); Pin outer diameter: 2.0 mm (+0.0 -0.1 mm); Barrel depth: 8.8 mm ( $\pm 0.3$ mm)<br>Power connector (on power brick)—Type: DC Barrel Plug; Barrel outer diameter: 5.5 mm ( $\pm 0.1$ mm); Pin inner diameter: 2.1 mm ( $\pm 0.1$ mm); Barrel length: 9.5 mm ( $\pm 0.5$ mm) |
| Power Consumption (typical)          | Monitor only: 20W<br>Monitor and power brick: 22W                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Temperature                          | Operating: $0^\circ\text{C}$ to $40^\circ\text{C}$ ; Storage: $-20^\circ\text{C}$ to $60^\circ\text{C}$                                                                                                                                                                                                                                                                                                                                                                                                    |
| Humidity (noncondensing)             | Operating: 20%-80%; Storage: 10%-90                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Weight (approx.)                     | Actual: 8.8 lb (4.0 kg); Shipping: 11.5 lb (5.2 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Warranty                             | 3 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MTBF                                 | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Agency Approvals                     | UL/cUL (Recognized), TUV T-Mark, CE,FCC,VCCI,IC,C-TICK (Class B), BSMI, KC, CCC, China RoHS                                                                                                                                                                                                                                                                                                                                                                                                                |
| On-screen display (OSD)              | Digital OSD or optional remote OSD with 1.8 m cable                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| User's Controls                      | Optional remote OSD: Auto/Sel, up, down, menu<br>OSD buttons: menu, left, right, select, power<br>OSD: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, language (English, German, Spanish, Japanese, French)<br>OSD disable/enable: power, OSD menu                                                                                                                                                                                                                            |
| Mounting Options                     | 75 mm or 100 mm VESA mount<br>Rear mount includes standard mounting brackets<br>Front mount with optional bezel<br>Rack mount with optional bracket                                                                                                                                                                                                                                                                                                                                                        |

## Ordering Information

| Model | Part Number | Technology        | Interface       | Surface Treatment | Availability |
|-------|-------------|-------------------|-----------------|-------------------|--------------|
| 1739L | E607940     | AccuTouch         | Dual serial/USB | Antiglare         | Worldwide    |
|       | E964551     | CarrollTouch      | Dual Serial/USB | Antiglare         | Worldwide    |
|       | E012584     | IntelliTouch      | Dual serial/USB | Antiglare         | Worldwide    |
|       | E734455     | SecureTouch       | Dual serial/USB | Antiglare         | Worldwide    |
|       | E575274     | IntelliTouch Plus | USB             | Clear             | Worldwide    |

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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- “Designed for Touch” with proven Elo expertise and reliability
- Edge to edge glass design options for a sleek look and easy cleaning
- Energy-saving LED panel
- 3 year warranty



## 1937L & 1930L 19-inch Open-Frame Touchmonitors

The Elo Touch Solutions 1937L and 1930L 19" LCD open-frame touchmonitors deliver cost-effective touch solutions for OEM's and systems integrators, and complement the large family of Elo touch solutions for applications in the retail self-service and gaming/ amusement markets. These compact touchmonitors are "designed for touch" with proven Elo expertise and reliability built in, not added later by altering an existing monitor.

Because the enclosure is controlled by specifications and tooling, Elo open-frame touchmonitors have a history of product availability — important for continuity through all phases of project rollouts and when servicing.

The 1930L in a zero-bezel glass-to-edge design is available with IntelliTouch® Zero-Bezel / iTouch® surface acoustic wave in both single-touch and dual-touch versions, and with IntelliTouch Pro projected capacitive multi-touch technology.

The 1937L features an injection-molded bezel with a virtually invisible watertight seal, narrow borders and comes with IntelliTouch and IntelliTouch Plus surface acoustic wave as well as AccuTouch resistive touch technology options.

Worldwide agency approvals, as set forth on the back side of the spec sheet, cover the entire monitor that is designed, built and supported by a true single source supplier.



### Features

- High quality energy-saving LED panel and clear glass optical clarity
- Compact form factor that easily integrates in state-of-the-art cabinet designs
- Choice of touch technology:
  - Standard bezel options: IntelliTouch and IntelliTouch Plus surface wave and AccuTouch resistive
  - Zero-bezel options: IntelliTouch Zero-Bezel / iTouch surface acoustic wave, or IntelliTouch Pro projected capacitive multi-touch
- IntelliTouch Pro projected capacitive passes impact testing to IK05 rating

### Applications

- Kiosks
- Casino and amusement games
- Retail self-service
- Industrial automation

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

## 1937L and 1930L Open-Frame Touchmonitors

| Specifications                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                               |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case/Bezel color                | Steel/black                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                               |
| Active Display Area             | 376 x 301 mm / 14.8 x 11.8 inches                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                               |
| Dimensions                      | <b>1937L:</b> 415 x 343 x 51 mm / 16.3 x 13.5 x 2 inches                                                                                                                                                                                                                                                                                                                                                                                                      | <b>1930L:</b> 420 x 348 x 42 mm / 16.5 x 13.7 x 1.65 inches                                                                                                                                   |
| LCD Technology                  | Active matrix TFT LCD with LED backlight                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                               |
| Diagonal Size                   | 19"                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                               |
| Aspect Ratio                    | 5:4                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                               |
| Native Resolution               | 1280x1024                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                               |
| Preset Video Timings            | 512x247 60Hz; 512x256 60Hz; 640x350 70Hz; 640x480 60, 61, 66, 72, 75Hz; 720x400 70Hz; 800x600 56, 60, 72, 75Hz; 832x624 75Hz; 1024x768 60, 65, 70, 75Hz; 1152x864 75Hz; 1280x960 60Hz; 1280x1024 60, 75Hz                                                                                                                                                                                                                                                     |                                                                                                                                                                                               |
| Number of Colors                | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                               |
| Brightness (typical)            | <b>1937L:</b> LCD Panel: 250 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits; IntelliTouch Plus: 225 nits                                                                                                                                                                                                                                                                                                                                                   | <b>1930L:</b> LCD Panel: 250 nits; IntelliTouch ZB / iTouch: 225 nits; IntelliTouch ZB / iTouch Plus: 225 nits; IntelliTouch Pro projected capacitive: 225 nits                               |
| Response Time (Tr+tf) (typical) | 5ms                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                               |
| Viewing Angle (typical)         | Horizontal: 170 °; Vertical: 160°                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                               |
| Contrast Ratio (typical)        | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                               |
| On-Screen Display (OSD)         | Accessible through switches on unit or the OSD Remote accessory.<br><b>Controls:</b> Menu, Down, Up, Select<br><b>Settings:</b> Brightness, Contrast, Clock, Phase, H-position, Vposition, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, Recall Defaults, Video Source<br><b>Languages:</b> English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese<br><b>Lockouts:</b> OSD, Power |                                                                                                                                                                                               |
| Input Video Format              | <b>1937L:</b> Analog VGA Mini D-Sub 15-Pin VGA type                                                                                                                                                                                                                                                                                                                                                                                                           | <b>1930L:</b> Analog VGA on Female DE-15 connector, Digital DVI on Female DVI-D, Dual-Link connector                                                                                          |
| Input Frequency                 | Input Video Horizontal Sync frequency range: 31.5 – 80KHz<br>Input Video Vertical Sync (frame rate) frequency range: 56 – 75Hz                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                               |
| Power                           | <b>Monitor input power connector:</b> Coaxial power jack (2.1mm pin outer diameter, 6.4mm barrel inner diameter)<br><b>Monitor input power signal specifications:</b> 12VDC +/- 5%<br><b>Adapter input connector:</b> IEC 60320 C14, Adapter input voltage range: 100-240VAC, 50/60Hz<br><b>Note: AC-DC power adapter sold separately.</b>                                                                                                                    |                                                                                                                                                                                               |
| Power Consumption (typical)     | ON (monitor + AC/DC adapter) 23W                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                               |
| Weight                          | <b>1937L:</b> Unpackaged: 5.2 kg (11.5 lb); Packaged: 7.3 kg (16.1 lb)                                                                                                                                                                                                                                                                                                                                                                                        | <b>1930L:</b> Unpackaged: 4 kg (8.8 lb); Packaged: 6.3 kg (13.9 lb)                                                                                                                           |
| Shipping Dimensions             | 500 x 450 x 155 mm / 19.7 x 17.7 x 6.1 inches                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                               |
| Temperature                     | Operating: 0 °C to 40 °C (32 °F to 104 °F); Storage: -20 °C to 60 °C (-4 °F to 140 °F)                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                               |
| Humidity (non-condensing)       | Operating: 20% to 80%; Storage: 10% to 90%                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                               |
| Mounting Options                | <b>1937L:</b> 75mm or 100mm VESA mount; Rear mount or with included standard mounting brackets; Front mount with optional bezel; Rack mount with optional bracket                                                                                                                                                                                                                                                                                             | <b>1930L:</b> 100 mm x 100 mm VESA 4-hole mounting interface on rear of unit. Flush mounting brackets included with unit.                                                                     |
| Agency Approvals                | <b>1937L:</b> Australia RCM, Canada CUL, IC, China CCC, Europe CE, TUV Bauart Mark, Japan VCCI, Korea KCC, e-Standby; Mexico CoC, Taiwan BSMI, United States UL, FCC, International CB, RoHS, China RoHS, WEEE                                                                                                                                                                                                                                                | <b>1930L:</b> Australia RCM; Canada CUL, IC; China CCC; Europe CE; Japan VCCI; Korea KCC, e-Standby; Mexico CoC; Taiwan BSMI; United States UL, FCC; International CB; RoHS, China RoHS, WEEE |
| Warranty                        | 3 years standard                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                               |
| MTBF                            | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                               |

## Ordering Information

| Model | Part Number | Technology                            | Interface  | Bezel | Surface Treatment | Availability |
|-------|-------------|---------------------------------------|------------|-------|-------------------|--------------|
| 1937L | E679610     | AccuTouch                             | USB/Serial | Yes   | Antiglare         | Worldwide    |
|       | E896339     | IntelliTouch                          | USB/Serial | Yes   | Clear             | Worldwide    |
|       | E409218     | IntelliTouch Plus                     | USB        | Yes   | Clear             | Worldwide    |
| 1930L | E000859     | IntelliTouch Pro projected capacitive | USB        | No    | Clear             | Worldwide    |
|       | E000860     | IntelliTouch Zero-Bezel/ iTouch Plus  | USB        | No    | Clear             | Worldwide    |
|       | E001110     | IntelliTouch Zero-Bezel/ iTouch       | USB/Serial | No    | Clear             | Worldwide    |

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- “Designed for Touch” with proven Elo expertise and reliability
- Edge to edge glass design options for a sleek look and easy cleaning
- Energy-saving LED panel
- 3 year warranty



## 1939L & 1931L 19-inch Open-Frame Touchmonitors

The Elo Touch Solutions 1939L and 1931L 19" LCD open-frame touchmonitors deliver high performing touch solutions for OEM's and systems integrators, and complement the large family of Elo touch solutions for applications in the retail self-service and gaming/ amusement markets. These compact touchmonitors are “designed for touch” with proven Elo expertise and reliability built in, not added later by altering an existing monitor.

Because the enclosure is controlled by specifications and tooling, Elo open-frame touchmonitors have a history of product availability — important for continuity through all phases of project rollouts and when servicing.

The 1931L in a zero-bezel glass-to-edge design is available with IntelliTouch® Zero-Bezel / iTouch® surface acoustic wave in both single-touch and dual-touch versions, and with IntelliTouch Pro projected capacitive multi-touch technology.

The 1939L features an injection-molded bezel with a virtually invisible watertight seal, narrow borders and comes with IntelliTouch single touch, IntelliTouch Plus dual touch and SecureTouch anti-vandal surface acoustic wave as well as AccuTouch resistive touch technology options.

Worldwide agency approvals, as set forth on the back side of the spec sheet, cover the entire monitor that is designed, built and supported by a true single source supplier.



### Features

- High quality energy-saving LED panel with 178° x 178° viewing angle
- Compact form factor that easily integrates in state-of-the-art cabinet designs
- Choice of touch technology:
  - Standard bezel options: IntelliTouch, IntelliTouch Plus and SecureTouch surface acoustic wave, and AccuTouch resistive
  - Zero-bezel options: IntelliTouch Zero-Bezel / iTouch surface acoustic wave, or IntelliTouch Pro projected capacitive multi-touch
- IntelliTouch Pro projected capacitive passes impact testing to IK05 rating

### Applications

- Kiosks
- Casino and amusement games
- Retail self-service

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

## 1939L and 1931L Open-Frame Touchmonitors

| Specifications                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                               |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case/Bezel color                | Steel/black                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                               |
| Active Display Area             | 376 x 301 mm / 14.8 x 11.8 inches                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                               |
| Dimensions                      | <b>1939L:</b> 415 x 343 x 51 mm / 16.3 x 13.5 x 2 inches                                                                                                                                                                                                                                                                                                                                                                                                      | <b>1931L:</b> 420 x 348 x 42 mm / 16.5 x 13.7 x 1.65 inches                                                                                                                                   |
| LCD Technology                  | Active matrix TFT LCD with LED backlight                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                               |
| Diagonal Size                   | 19"                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                               |
| Aspect Ratio                    | 5:4                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                               |
| Native Resolution               | 1280x1024                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                               |
| Preset Video Timings            | 512x247 60Hz; 512x256 60Hz; 640x350 70Hz; 640x480 60, 61, 66, 72, 75Hz; 720x400 70Hz; 800x600 56, 60, 72, 75Hz; 832x624 75Hz; 1024x768 60, 65, 70, 75Hz; 1152x864 75Hz; 1280x960 60Hz; 1280x1024 60, 75Hz                                                                                                                                                                                                                                                     |                                                                                                                                                                                               |
| Number of Colors                | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                               |
| Brightness (typical)            | <b>1939L:</b> LCD Panel: 250 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits; IntelliTouch Plus: 225 nits; SecureTouch: 225 nits                                                                                                                                                                                                                                                                                                                            | <b>1931L:</b> LCD Panel: 250 nits; IntelliTouch ZB / iTouch: 225 nits; IntelliTouch ZB / iTouch Plus: 225 nits; IntelliTouch Pro projected capacitive: 225 nits                               |
| Response Time (Tr+tf) (typical) | 14 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                               |
| Viewing Angle (typical)         | Horizontal: 178 °; Vertical: 178°                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                               |
| Contrast Ratio (typical)        | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                               |
| On-Screen Display (OSD)         | Accessible through switches on unit or the OSD Remote accessory.<br><b>Controls:</b> Menu, Down, Up, Select<br><b>Settings:</b> Brightness, Contrast, Clock, Phase, H-position, Vposition, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, Recall Defaults, Video Source<br><b>Languages:</b> English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese<br><b>Lockouts:</b> OSD, Power |                                                                                                                                                                                               |
| Input Video Format              | <b>1939L:</b> Analog VGA Mini D-Sub 15-Pin VGA type                                                                                                                                                                                                                                                                                                                                                                                                           | <b>1931L:</b> Analog VGA on Female DE-15 connector, Digital DVI on Female DVI-D, Dual-Link connector                                                                                          |
| Input Frequency                 | Input Video Horizontal Sync frequency range: 31.5 – 80KHz<br>Input Video Vertical Sync (frame rate) frequency range: 56 – 75Hz                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                               |
| Power                           | <b>Monitor input power connector:</b> Coaxial power jack (2.1mm pin outer diameter, 6.4mm barrel inner diameter)<br><b>Monitor input power signal specifications:</b> 12VDC +/- 5%<br><b>Adapter input connector:</b> IEC 60320 C14, <b>Adapter input voltage range:</b> 100-240VAC, 50/60Hz<br><b>Note: AC-DC power adapter sold separately.</b>                                                                                                             |                                                                                                                                                                                               |
| Power Consumption (typical)     | ON (monitor + AC/DC adapter): 30W                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                               |
| Weight                          | <b>1939L:</b> Unpackaged: 5.2 kg (11.5 lb); Packaged: 7.3 kg (16.1 lb)                                                                                                                                                                                                                                                                                                                                                                                        | <b>1931L:</b> Unpackaged: 4.3 kg (9.5 lb); Packaged: 6.3 kg (13.9 lb)                                                                                                                         |
| Shipping Dimensions             | 500 x 450 x 155 mm / 19.7 x 17.7 x 6.1 inches                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                               |
| Temperature                     | Operating: 0 °C to 40 °C (32 °F to 104 °F); Storage: -20 °C to 60 °C (-4 °F to 140 °F)                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                               |
| Humidity (non-condensing)       | Operating: 20% to 80%; Storage: 10% to 90%                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                               |
| Mounting Options                | <b>1939L:</b> 75mm or 100mm VESA mount; Rear mount or with included standard mounting brackets; Front mount with optional bezel; Rack mount with optional bracket                                                                                                                                                                                                                                                                                             | <b>1931L:</b> 100 mm x 100 mm VESA 4-hole mounting interface on rear of unit. Flush mounting brackets included with unit.                                                                     |
| Agency Approvals                | <b>1939L:</b> Australia RCM, Canada CUL, IC, China CCC, Europe CE, TUV T-Mark, Japan VCCI, Korea KCC, e-Standby; Mexico CoC, Taiwan BSMI, United States UL, FCC, International CB, RoHS, China RoHS, WEEE                                                                                                                                                                                                                                                     | <b>1931L:</b> Australia RCM, Canada CUL, IC, China CCC, Europe CE, Japan VCCI, Korea KCC, e-Standby; Mexico CoC, Taiwan BSMI, United States UL, FCC, International CB, RoHS, China RoHS, WEEE |
| Warranty                        | 3 years standard                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                               |

## Ordering Information

| Model | Part Number | Technology                            | Interface  | Bezel | Surface Treatment | Availability |
|-------|-------------|---------------------------------------|------------|-------|-------------------|--------------|
| 1939L | E945445     | AccuTouch                             | USB/Serial | Yes   | Antiglare         | Worldwide    |
|       | E215546     | IntelliTouch                          | USB/Serial | Yes   | Antiglare         | Worldwide    |
|       | E248997     | IntelliTouch Plus                     | USB        | Yes   | Clear             | Worldwide    |
|       | E779866     | SecureTouch                           | USB/Serial | Yes   | Antiglare         | Worldwide    |
| 1931L | E000391     | IntelliTouch Pro projected capacitive | USB        | No    | Clear             | Worldwide    |
|       | E000394     | IntelliTouch Zero-Bezel / iTouch Plus | USB        | No    | Clear             | Worldwide    |
|       | E001111     | IntelliTouch Zero-Bezel / iTouch      | USB/Serial | No    | Clear             | Worldwide    |

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- “Designed for touch” with proven Elo expertise and reliability
- Slim outline dimensions for ease of integration
- Choice of mounting options gives installation flexibility
- 3 year standard warranty



## 1938L 19" LCD Open-Frame Touchmonitor

The 1938L expands the Elo Touch Solutions family of open-frame touchmonitors. A 19-inch wide-aspect touchmonitor intended for touch-enabled casino gaming, amusement, self-service and information kiosk applications is a competitive touch solution for OEMs and system integrators. The 1938L is “designed for touch” with proven Elo expertise and reliability.

The 1938L is intended for use in public venues, such as touch-enabled jukeboxes and information kiosk applications where diverse environments and varied user types are commonplace. Like all Elo open-frame touchmonitors, the specifications and tooling are controlled to ensure a long product life, which is important in maintaining continuity for all phases of project rollouts and servicing. The 1938L features an injection-molded bezel with a virtually invisible watertight seal, thus making it a good choice to withstand the rigors of public use. Narrow borders, black anodized bezel hardware, multiple mounting options, and dual

serial/USB touch interface add to the touchmonitor's flexibility. Worldwide agency approvals, outlined in the product specifications, cover the entire monitor that is developed, built and supported by Elo Touch Solutions, a true single-source supplier. Also, in order to eliminate electrical waste, the 1938L is offered as a no-power-brick model. Power bricks kits can be purchased separately.

The 1938L open-frame touchmonitor is available with Elo Touch Solutions industry-leading touch technologies. IntelliTouch surface acoustic wave technology delivers strong image quality and light transmission. SecureTouch surface acoustic wave technology offers high optical quality, in a vandal-resistant design, and offers fast and sensitive touch with excellent dragging performance, making it well-suited for many gaming, amusement and POS self-checkout applications. The transparent protective coating makes the touchscreen resistant to scratches and abrasions.

### Benefits:

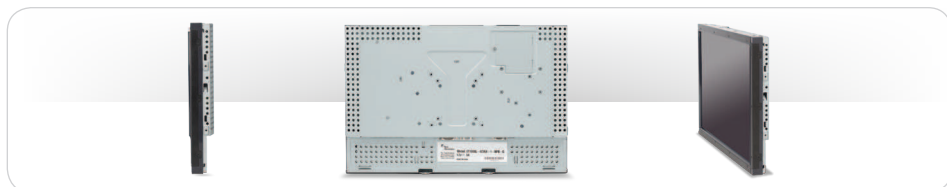
- 300 nit brightness, 1000:1 contrast ratio, 7.3 ms response time, and 80° x 80° x 80° x 80° viewing angle
- Watertight seal resists dirt, dust, and liquid splashes
- A single product that has both USB and serial touch interfaces delivers maximum flexibility
- OSD supports multiple languages, allowing for simplified installation in many countries
- Optional tethered remote OSD offers greater integration flexibility; complements existing integrated OSD
- Worldwide agency approvals

### Applications:

- Casino and amusement games
- Kiosks
- Self-service and point of information displays

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.



## 1938L 19" LCD Open-Frame Touchmonitor Specifications

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case/Bezel color                  | Black mini-bezel                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Display type                      | Active matrix TFT LCD                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Display size                      | 19.0" diagonal                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Useful screen area                | Horizontal: 408.24 mm (16.1"); Vertical: 255.15 mm (10.0")                                                                                                                                                                                                                                                                                                                                                                                                          |
| Monitor dimensions (IT, ST, SC)   | Width: 444.3 mm (17.5"); Height: 296.6 mm (11.7"); Depth: 47.4 mm (1.9")                                                                                                                                                                                                                                                                                                                                                                                            |
| Package dimensions                | Width: 540 mm (21.3"); Height: 390 mm (15.4"); Depth: 175 mm (6.9")                                                                                                                                                                                                                                                                                                                                                                                                 |
| Native resolution                 | 1440 x 900                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Other supported resolutions       | 1680 x 1050 @ 60 Hz; 1366 x 768 @ 60 Hz; 1360 x 768 @ 60 Hz; SXGA: 1280 x 1024 @ 60 or 75 Hz; 1280 x 960 @ 60 Hz; 1280 x 768 @ 60, 65 or 75 Hz; 1152 x 864 @ 75 Hz; XGA: 1024 x 768 @ 60, 65, 72 or 75 Hz; 832 x 624 @ 75 Hz; SGA: 800 x 600 @ 56, 60 or 72 Hz; 720 x 400 @ 70 Hz; 640 x 350 @ 70Hz; VGA: 640 x 480 @ 60, 66 or 72 Hz                                                                                                                               |
| Colors                            | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Brightness (typical)              | 1938L without touchscreen: 1938L with IntelliTouch: 270 cd/m <sup>2</sup> ; 1938L with SecureTouch: 270 cd/m <sup>2</sup> ;                                                                                                                                                                                                                                                                                                                                         |
| Response time (typical)           | 7.3 msec                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Viewing angle (typical)           | Horizontal (viewed from left/right): 80°(left)/80°(right) at a CR>10<br>Vertical (viewed from above /below): 80°(above)/80° (below) at a CR>10                                                                                                                                                                                                                                                                                                                      |
| Contrast ratio (typical)          | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Input video format                | RGB Analog, DVI Video (worldwide models only)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Input video signal connector      | Mini-D-Sub 15-Pin VGA type, DVI-D (worldwide models only)                                                                                                                                                                                                                                                                                                                                                                                                           |
| Power supply                      | External DC—optional power brick (sold separately) Input voltage—DC: +12VDC ±5% at 2.5 A max.<br>Input power connector specification (on monitor)—Type: DC Barrel Jack; Barrel inner diameter: 6.4 mm (±0.3 mm); Pin outer diameter: 2.0 mm (+0.0 -0.1 mm); Barrel depth: 8.8 mm (±0.3 mm)<br>Power connector (on power brick)—Type: DC Barrel Plug; Barrel outer diameter: 5.5 mm (±0.1 mm); Pin inner diameter: 2.1 mm (±0.1 mm); Barrel length: 9.5 mm (±0.5 mm) |
| Power consumption (typical)       | 30W                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Input voltage requirement         | Monitor input: 12VDC/3.75A (45W)<br>AC to DC Power Brick input: 100-240VAC, 50/60Hz                                                                                                                                                                                                                                                                                                                                                                                 |
| Monitor power dissipation         | Monitor only: 34.8 Watts typical; Monitor and Power Brick: 41.6 Watts typical                                                                                                                                                                                                                                                                                                                                                                                       |
| Temperature                       | Operating: 0°C to 40°C; Storage: -20°C to 60°C                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Humidity (non-condensing)         | Operating: 20% to 80% humidity; Storage: 10% to 90% humidity                                                                                                                                                                                                                                                                                                                                                                                                        |
| Weight (approx.)                  | Actual: 4.8 kg; Shipping: 6.9 kg                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Warranty                          | 3 years                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Backlight lamp life               | Typical 50,000 hours to half brightness                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Mean time between failures (MTBF) | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Agency Certification              | Worldwide Models: UL, cUL (Recognized) , TÜV-T Mark, Argentina S, CE, FCC, VCCI, IC, GOST-R Mark, C-TICK (Class B), BSMI, MIC, CCC                                                                                                                                                                                                                                                                                                                                  |
| On-screen display (OSD)           | Digital OSD or Optional Remote OSD with 1.8m cable                                                                                                                                                                                                                                                                                                                                                                                                                  |
| User's controls                   | Optional remote OSD: Auto/Sel, up, down, menu; OSD buttons: menu, left, right, select, power; OSD: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, language (English, French, Italian, German, Spanish, Traditional Chinese, Simple Chinese, Korean, Japanese); OSD disable/enable: power, OSD menu                                                                                                                                     |
| Other features                    | Fully RoHS compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Touch interface                   | Serial and USB                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Ordering Information

| Model | Part Number | Technology   | Interface       | Surface Treatment | Availability   |
|-------|-------------|--------------|-----------------|-------------------|----------------|
| 1938L | E965017     | IntelliTouch | Dual serial/USB | Antiglare         | Americas, EMEA |
|       | E681264     | SecureTouch  | Dual Serial/USB | Antiglare         | Americas, EMEA |
|       | E181041     | IntelliTouch | Dual serial/USB | Antiglare         | Asia/Pacific   |
|       | E799738     | SecureTouch  | Dual serial/USB | Antiglare         | Asia/Pacific   |

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- Pure glass touchscreens for optimal image quality
- Multiple mounting options
- Commercial durability
- 3 year standard warranty



## 1940L 19" LED Open-Frame Touchmonitor

Available with either IntelliTouch Plus multi-touch surface acoustic wave touchscreen technology or projected capacitive for a no bezel look, the Elo 1940L provides stable "driftfree" operation with outstanding image clarity, resolution, and light transmission—for an accurate touch response and vivid images! The 1940L is an ideal solution for many public applications including gift registry, food ordering, airline check-in, DVD and bill-paying kiosks.

Wide-aspect 16:9 displays like the Elo 1940L support extra content on the screen and are becoming preferred where a large touch activated surface area is desired. Increasingly popular in public venue environments, these displays deliver a high-definition

cinematic-like experience. The new 1940L features an energy-saving LED backlight, 170°(h) x 160°(v) viewing angle and 1000:1 contrast ratio for a bright display in a thin, compact, space-saving mechanical design.

The 1940L has a compact form factor with optional rack and front-mount bezels for easy integration. It features a unique injection-molded mini-bezel with a virtually invisible water-resistant seal. We are committed to delivering a quality product and as a result the 1940L is backed by a three-year warranty.



### Features:

- Long lasting product life—enclosure controlled by Elo specifications
- Integrated precision mini-bezel with water-resistant 0.5 mm seal (IntelliTouch Plus only)
- Mounting options include rack and front-mount
- Compact mechanical design
- Choice of IntelliTouch Plus multi-touch or projected capacitive (PCAP) touchscreen technology
- LED backlight uses 25% less power
- Worldwide agency approvals

### Applications:

- Gaming machines
- Information kiosks
- Self-service and ticketing

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

## 1940L 19" LED Open-Frame Touchmonitor

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                 | 1940L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Active Display Area                   | 16.13" x 9.07" (409.8mm x 230.4mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dimensions                            | 17.58" x 10.58" x 1.51" (446.7mm x 268.8mm x 38.5mm) max                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LCD Technology                        | Active matrix TFT LCD with LED backlighting                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Diagonal Size                         | 18.5"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| On-Screen Display (OSD)               | Accessible through switches on the unit's tethered OSD Control Keypad.<br>Controls: Menu, Up, Down, Select, Power<br>Settings: Brightness, Contrast, Clock, Phase, H-position, Vposition, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, OSD H-Position, OSD V-Position, Recall Defaults, Video Source<br>Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese<br>Lockouts: OSD, Power                                      |
| Mounting Options*                     | VESA 4-hole 75mm mounting interface on rear of unit; 2-hole mounting interface on all 4 sides                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Native Resolution                     | 1366x768                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Aspect Ratio                          | 16:9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preset Video Timings                  | 720 x 350 at 70Hz; 720 x 400 at 70Hz; 640 x 480 at 60, 72, 75Hz; 800 x 600 at 56, 60, 72, 75Hz; 800 x 500 at 60Hz; 832 x 624 at 75Hz; 1024 x 768 at 60, 70, 75Hz; 1280 x 800 at 60Hz; 1280 x 960 at 60Hz; 1280 x 1024 at 60, 75Hz; 1366 x 768 at 60Hz                                                                                                                                                                                                                                                               |
| Number of Colors                      | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Brightness (typical)                  | LCD Panel: 250 nits; with IntelliTouch Plus: 225 nits; with PCAP: 225 nits                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Response Time (Tr + Tf) (typical)     | 5 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Viewing Angle (typical)               | Horizontal: 170°; Vertical: 160°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Contrast Ratio (typical)              | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Video                                 | Analog VGA on Female DE-15 connector; Digital DVI on Female DVI-D connector Input Video Horizontal Sync frequency range: 31.5-80KHz Input Video Vertical Sync (frame rate) frequency range: 50-75Hz                                                                                                                                                                                                                                                                                                                 |
| Power                                 | External DC—optional power brick (sold separately)<br>Monitor input power connector: Coaxial power jack (2mm pin outer diameter, 6.4mm barrel inner diameter)<br>Monitor input power signal specifications: 12VDC $\pm$ 5%<br>Adapter input connector: IEC 60320 C14<br>Adapter input voltage range: 100-240VAC, 50/60Hz<br>Power Consumption: ON (monitor + AC/DC adapter at 230V/50Hz): 19W(typ), 25W (max); SLEEP (monitor + AC/DC adapter at 230V/50Hz): 2.0W; OFF (monitor + AC/DC adapter at 230V/50Hz): 1.0W |
| Audio                                 | N/A (No audio functionality)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Weight                                | Unpackaged: 7.38 lbs (3.35kg); Packaged: 10.58 lbs (4.8kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Shipping Dimensions                   | 21.45" (L) x 14.37" (W) x 5.5" (H) (54.5cm x 36.5cm x 14cm)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Temperature                           | Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 140°F (-20°C to 60°C)                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Humidity (non-condensing)             | Operating: 20%-80%; Storage: 10%-90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Regulatory approvals and declarations | C-Tick, cUL, IC, CCC, CE, VCCI, KCC, CoC, BSMI; UL, FCC; CB, RoHS, WEEE, IMERC                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Warranty                              | 3 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MTBF                                  | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

\*See dimensional drawings for details.

## Ordering Information

| Model | Part Number | Technology           | Interface | Surface Treatment | Availability |
|-------|-------------|----------------------|-----------|-------------------|--------------|
| 1940L | E855244     | IntelliTouch Plus    | USB       | Clear             | Worldwide    |
|       | E065303     | Projected Capacitive | USB       | Clear             | Worldwide    |

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- “Designed for touch” with proven Elo expertise and reliability
- A bright, high-contrast display with wide viewing angle easily attracts and holds the user’s attention
- 3 year warranty



## 2239L 22” Open-Frame Wide-Aspect LCD Touchmonitor

Elo Touch Solutions open-frame touchmonitor series features the 2239L that delivers a cost-effective touch solution for OEMs and systems integrators, and complements Elo’s expanded family of touch solutions for gaming and amusement, retail self-service and kiosk applications. This compact 3000-series touchmonitor is “designed for touch”, with Elo’s proven expertise and reliability built-in, not added as an afterthought by altering an existing monitor.

The 2239L features a brilliant wide-viewing-angle LCD panel to instantly grab and hold the user’s attention, whether they are checking out retail goods with a self-service kiosk or playing games in a casino or arcade. Because the enclosure is controlled by Elo’s specifications and tooling, Elo’s openframe monitors have a long-lasting product cycle, which is important to maintain continuity through all phases of project rollouts and servicing. The 2239L uses clear-glass IntelliTouch surface-

wave technology to deliver optical quality, durability, and drift-free stability. It also features a unique, injection-molded bezel with a virtually invisible watertight seal, making it a good choice for the rigors of public use. Narrow borders, multiple mounting options, and a dual serial/USB touch interface add to the versatility of the 2239L. Worldwide agency approvals, as outlined on the back side of this sheet, cover the entire monitor that is designed, built and supported by Elo Touch Solutions, a true single-source supplier.

The 2239L is available with a choice of the innovative IntelliTouch surface acoustic wave, and surface-capacitive touch technologies. The comprehensive range of features includes analog and digital interfaces, multi-lingual on-screen display (OSD), mounting VESA standard, mounting brackets, cabled remote on-screen display (OSD), and worldwide compliance.



### Benefits:

- Elo Touch Solutions IntelliTouch (surface acoustic wave) technology offers high-quality optics, durability, and long-term reliability
- A transparent protective coating makes the touchscreen resistant to scratches and abrasions
- A sealed bezel that resists liquid splashes and spills adds additional protection to the touchmonitor
- The enclosure is controlled by Elo Touch Solutions specifications and results in a long-lasting product cycle.
- Multiple mounting options are available.
- Dual serial and USB connectivity are standard.

### Application:

- Casino and amusement games
- Retail self-service
- Kiosks

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

## 2239L 22" Open-Frame Wide-Aspect LCD Touchmonitor

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case/Bezel Color               | Dark gray                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Display Type                   | Active matrix TFT LCD                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Display Size                   | 22.0" diagonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Useful Screen Area             | Horizontal: 473.8 mm<br>Vertical: 296.1 mm                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Monitor Dimensions             | Width: 530 mm<br>Height: 352 mm<br>Depth: 78 mm                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Optimal (Pre-Set) Resolution   | 1680 x 1050 @ 60 Hz (90 pixels/inch)                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Other Supported Resolutions    | 640 x 480 @ 60 Hz, 640 x 480 @ 66 Hz, 640 x 480 @ 72 Hz, 720 x 350 @ 70 Hz, 720 x 400 @ 70 Hz, 800 x 500 @ 75 Hz, 800 x 600 @ 56 Hz, 800 x 600 @ 60 Hz, 800 x 600 @ 72 Hz, 832 x 624 @ 75 Hz, 1024 x 768 @ 60 Hz, 1024 x 768 @ 65 Hz, 1024 x 768 @ 72 Hz, 1024 x 768 @ 75 Hz, 1152 x 864 @ 75 Hz, 1280 x 960 @ 60 Hz, 1280 x 1024 @ 60 Hz, 1280 x 768 @ 65 Hz, 1280 x 1024 @ 75 Hz, 1360 x 768 @ 60 Hz, 1366 x 768 @ 60 Hz, 1600 x 1200 @ 60 Hz, 1680 x 1050 @ 75 Hz                  |
| Colors                         | 16.7 million colors                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Brightness (typical)           | LCD Panel: 300 cd/m <sup>2</sup> , min. 250 cd/m <sup>2</sup> with IntelliTouch: 270 cd/m <sup>2</sup> , min. 212 cd/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                   |
| Response Time                  | Typical Rise Time 5 msec; Typical Fall Time 5 msec                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Viewing Angle (typical)        | Horizontal: 170° at a CR>10<br>Vertical: 160° at a CR>10                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Contrast Ratio                 | 1000:1 (typical)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Input Video Format             | 1. RGB Analog Video<br>2. DVI Video (not available on 2239L-xxx-x-A-x) models                                                                                                                                                                                                                                                                                                                                                                                                         |
| Input Sync Format              | Separate H & V sync, Composite Sync, and Sync-On-Green                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Input Video Signal Connector   | 1. 15-pin female D-sub for Analog Video<br>2. Female DVI-D for Digital Video                                                                                                                                                                                                                                                                                                                                                                                                          |
| Scanning Frequency Ranges      | Horizontal: 30 - 75 kHz<br>Vertical: 56 - 75 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Power Consumption              | 50W typical, 75W maximum (at 120V/60Hz input)                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power Supply - Internal        | Monitor Input Voltage: 100~240 VAC, 50/60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Temperature                    | Operating: 0°C to 40°C<br>Storage: -20°C to 60°C                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Humidity                       | Operating: 20% to 80% humidity (non-condensing)<br>Storage: 10% to 90% humidity (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                      |
| Monitor MTBF (excluding lamps) | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Backlight Lamp Life            | 50,000 hours (typical); 40,000 minimum                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Weight (approx.)               | Actual: 8.48 kg; Shipping: 12.59 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Other Features                 | 100 mm VESA mount; Digital on-screen display (OSD); User's control: OSD buttons: menu, up, down, select; OSD: automatic adjustment, contrast, brightness, H/V position, clock, phase, color temperature, input video select, OSD H/V position, OSD timeout, language (English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese), recall color, recall defaults, sharpness, display information; OSD locking/unlocking and power locking/unlocking |
| Warranty                       | TouchMonitor: 3 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Touch Interface                | USB and Serial (IntelliTouch)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Agency Certification           | UL (US), cUL (Canada), GS Mark (Germany), FCC (US), CE (EU), NOM (Mexico), PCT (Russia), CCC/ RoHS (China), eK/Mic (Korea), BSMI (Taiwan), Singapore, VCCI (Japan), C-Tick (Australia) and S-mark (Argentina), WEEE, IMERC.                                                                                                                                                                                                                                                           |

## Ordering Information

| Model | Part Number | Technology   | Interface       | Surface Treatment | Availability |
|-------|-------------|--------------|-----------------|-------------------|--------------|
| 2239L | E654071     | IntelliTouch | Dual serial/USB | Antiglare         | Americas     |
|       | E230376     | IntelliTouch | Dual Serial/USB | Clear             | Americas     |
|       | E523763     | IntelliTouch | Dual serial/USB | Clear             | Asia/Pacific |
|       | E629432     | IntelliTouch | Dual serial/USB | Antiglare         | Asia/Pacific |
|       | E807682     | IntelliTouch | Dual serial/USB | Antiglare         | EMEA         |
|       | E846997     | IntelliTouch | Dual serial/USB | Clear             | EMEA         |

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- "Designed for Touch" from the ground up
- Multiple mounting options available
- 3 year standard warranty



## 2240L 22" LCD Open-Frame Touchmonitor

Specifically suited for use in high-traffic casino gaming, video game entertainment and self-service kiosk environments, the 2240L complements Elo's expanded family of touch solutions for casino gaming, amusement and digital signage.

The 2240L features a high quality LCD panel with an ultra-wide viewing angle of 178° x 178° horizontal and vertical — wider than most other 22-inch touchmonitors available today. Colors remain sharp, vivid and true, and graphics retain their integrity due to the 300 nits panel brightness.

The innovative design of the open-frame 2240L provides a seamless fit for gaming and kiosk applications, and can be deployed in both landscape and portrait orientations.

With a front-facing metal hardened anodized bezel and L-mounting brackets and slim dimensional profile (500x332x80 mm), the 2240L offers installation flexibility in a variety of entertainment and retail environments.

The 2240L is available with IntelliTouch surface acoustic wave technology, delivering a strong image quality and light transmission. The comprehensive range of features include both analog and digital interfaces, multi-lingual on-screen display (OSD), mounting VESA standard, mounting brackets, cabled remote on-screen display (OSD) and worldwide compliance.



### Benefits

- Long product life with the enclosure controlled by Elo specifications
- IntelliTouch Surface Acoustic Wave technology offers high quality optics and durability
- USB and RS232 connections, delivering maximum flexibility
- Worldwide agency approvals

### Applications

- Casino and amusement games
- Kiosks
- Self-service and point of Information display

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

## 2240L 22" LCD Open-Frame Touchmonitor

| Specifications                        |                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                 | 2240L                                                                                                                                                                                                                                                                                                                                                                                                         |
| Color                                 | Black                                                                                                                                                                                                                                                                                                                                                                                                         |
| Active Display Area                   | 474 x 296 mm / 18.7 x 11.7 inches                                                                                                                                                                                                                                                                                                                                                                             |
| Monitor Dimensions                    | 19.6 x 13.07 x 3.15 inches/500 x 332 x 80 mm                                                                                                                                                                                                                                                                                                                                                                  |
| Display type                          | Active matrix TFT LCD                                                                                                                                                                                                                                                                                                                                                                                         |
| Diagonal Size                         | 22.0" diagonal                                                                                                                                                                                                                                                                                                                                                                                                |
| Aspect Ratio                          | 16:10                                                                                                                                                                                                                                                                                                                                                                                                         |
| Native (Optimal) Resolution           | 1680 x 1050                                                                                                                                                                                                                                                                                                                                                                                                   |
| Other Supported Resolutions           | 720x350 @ 70Hz; 720x400 @ 70Hz; 640x480 @ 60Hz, 66Hz, 72Hz; 800x500 @ 75Hz; 800x600 @ 56Hz, 60Hz, 72Hz; 832x624 @ 75 Hz; 1024x768 @ 60Hz, 65Hz, 72Hz, 75Hz; 1152x864 @ 75 Hz; 1280x768 @ 65 Hz; 1280x800 @ 60 Hz; 1280x960 @ 60 Hz; 1280x1024 @ 60Hz, 75Hz; 1360x768 @ 60 Hz; 1366x768 @ 60 Hz; 1440x900 @ 60Hz; 1600x1200 @60 Hz; 1680x1050 @ 60Hz                                                           |
| Colors                                | 16,7 million                                                                                                                                                                                                                                                                                                                                                                                                  |
| Brightness (typical)                  | LCD Panel: 400 nits; with IntelliTouch: 270 nits                                                                                                                                                                                                                                                                                                                                                              |
| Response Time – Total (typical)       | 16msec                                                                                                                                                                                                                                                                                                                                                                                                        |
| Viewing Angle (typical)               | Horizontal 178° total at a CR>10; Vertical: 178 ° total at a CR >10                                                                                                                                                                                                                                                                                                                                           |
| Contrast Ratio (typical)              | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                        |
| Input video format                    | Analog VGA, DVI video                                                                                                                                                                                                                                                                                                                                                                                         |
| Input video signal connector          | Mini D-Sub 15-Pin VGA type, DVI-D connector                                                                                                                                                                                                                                                                                                                                                                   |
| Power supply                          | Internal AC100-240 VAC, 50-60 Hz; Input connector IEC 60320 C6                                                                                                                                                                                                                                                                                                                                                |
| Power consumption                     | 60W                                                                                                                                                                                                                                                                                                                                                                                                           |
| Weight                                | Unpackaged: 7.5 kg /16.6 lb; Packaged: 10.7 kg/23.5 lb                                                                                                                                                                                                                                                                                                                                                        |
| Shipping Dimensions                   | 500 x 80 x 332 mm/19.7" x 3.2 x 13.1 inches                                                                                                                                                                                                                                                                                                                                                                   |
| On-Screen Display (OSD)               | Controls (back): menu, up, down, select<br>Settings: automatic adjustment, contrast, brightness, H/V position, clock, phase, color temperature, input video select, OSD H/V position, OSD timeout, recall color, recall defaults, sharpness, display information<br>Languages: English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese<br>Lockouts: power, user controls |
| Temperature                           | Operating: 0 °C to 40 °C /32 °F to 104 °F; Storage: -20 °C to 60 °C /-4 °F to 140 °F                                                                                                                                                                                                                                                                                                                          |
| Humidity (non-condensing)             | Operating: 20%-80%; Storage: 10%-90%                                                                                                                                                                                                                                                                                                                                                                          |
| Regulatory approvals and declarations | UL, cUL, FCC, Australia C-Tick, Argentina S-mark, Mexico NOM, CE, Russia PCT, China CCC, Korea MIC, Taiwan BSMI, China RoHS, UL, cUL, FCC, Australia C-Tick, Argentina S-mark, Mexico NOM, CE, Russia PCT, : China CCC, Japan VCCI, China RoHS                                                                                                                                                                |
| Touch Interface                       | Serial and USB                                                                                                                                                                                                                                                                                                                                                                                                |
| Warranty                              | 3 years standard                                                                                                                                                                                                                                                                                                                                                                                              |
| Mean time between failures (MTBF)     | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                     |
| Other features                        | Fully RoHS compliant                                                                                                                                                                                                                                                                                                                                                                                          |

## Ordering Information

| Model | Part Number | Technology   | Interface       | Surface Treatment | Availability |
|-------|-------------|--------------|-----------------|-------------------|--------------|
| 2240L | E496859     | IntelliTouch | Dual Serial/USB | Clear             | Americas     |
|       | E186354     | IntelliTouch | Dual Serial/USB | Clear             | EMEA         |

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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- Sensitive touch performance with “Built for Touch” reliability
- Choice of touchscreen technology
- Commercial durability
- 3 year standard warranty



## 2243L 22" Open-Frame Touchmonitor

The Elo Touch Solutions 2243L open-frame LCD touchmonitor features a slim design and narrow outside dimensions due to the state-of-the-art energy-saving LED backlight, using less electricity to operate and generating less heat. Wide-aspect displays like the 2243L, allow extra content on the screen and are frequently used in casino gaming, amusement and entertainment settings as well as public venue environments due to the high-definition cinematic-like experience. Typical applications for the 2243L include: gaming and amusement, information kiosks and selfservice, as well as interactive digital signage applications.

Available with IntelliTouch Plus multi-touch surface acoustic

wave (SAW) touchscreen technology, IntelliTouch single-touch SAW, SecureTouch anti-vandal SAW and zero-bezel projected capacitive (PCAP) multi-touch, the 2243L is compatible with Windows 7 and 8, and provides stable “drift-free” operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. Each touchscreen uses scratch-resistant pure-glass construction that delivers a clear, bright and long-lasting performance. With a compact design and multiple mounting options the 2243L is easy to integrate into a variety of configurations. It also features a unique, injection-molded mini-bezel for a virtually invisible water resistant seal which gives integrators an edge in developing aesthetically-pleasing solutions.



### Features

- Touchscreen technologies: IntelliTouch Plus multi-touch, IntelliTouch single-touch, SecureTouch anti-vandal or zero-bezel PCAP multi-touch
- Slimmer dimensions enables thinner, artistic enclosure designs
- High definition LCD display offers ultimate HD interactivity, clarity and resolution
- 16:9 aspect ratio and bright 250 nits panel for a larger display surface and bright vivid images
- LED backlighting allows for state-of-the-art slim design while reducing power consumption
- Optimized for use in high-traffic environments

### Applications

- Gaming machines
- Kiosks
- Point-of-Information
- Self-service and ticketing

### About Elo

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## 2243L 22" Open-Frame Touchmonitor Specifications

| Specifications                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                 | 2243L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Bezel Color                           | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Diagonal Size                         | 21.5" diagonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Aspect Ratio                          | 16:9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Active Display Area                   | 18.8" x 10.6" (477mm x 268mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Dimensions*                           | 20.2" x 11.7" x 1.7" (512mm x 298mm x 43mm) max                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LCD Technology                        | Active matrix TFT LCD with LED backlighting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Native Resolution                     | 1920 x 1080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Other Supported Resolutions           | 640x480 60Hz; 720x576 50Hz; 800x600 56, 60Hz; 1024x768 60Hz; 1280x720 50, 60Hz; 1280x960 60Hz; 1280x1024 60Hz; 1366x768 60Hz; 1440x900 60Hz; 1680x1050 60Hz; 1920x1080 50, 60Hz                                                                                                                                                                                                                                                                                                                                                         |
| Colors                                | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Brightness (Typical)                  | LCD Panel: 250 nits; with IntelliTouch: 225 nits; with IntelliTouch Plus: 225 nits; with PCAP: 225 nits; SecureTouch: 225 nits                                                                                                                                                                                                                                                                                                                                                                                                          |
| On-Screen Display (OSD)               | Accessible through switches on the unit's tethered OSD Control box.<br>Controls: Menu, Up, Down, Select; Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, OSD H-Position, OSD; V-Position, Recall Defaults, Video Source; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, Power                                                                        |
| Response Time ((Tr + Tf) (Typical)    | 5 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Viewing Angle (Typical)               | Horizontal: ±85°; Vertical: ±80°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Contrast Ratio (Typical)              | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Video                                 | Analog VGA on Female DE-15 connector; Digital DVI on Female DVI-D connector; Input Video Horizontal Sync frequency range: 31.5-80KHz; Input Video Vertical Sync (frame rate) frequency range: 50-75Hz                                                                                                                                                                                                                                                                                                                                   |
| Power                                 | External DC—optional power brick (sold separately)<br>Monitor input power connector: Coaxial power jack (2mm pin outer diameter, 6.4mm barrel inner diameter);<br>Monitor input power signal specifications: 12VDC ± 5%<br>Adapter input connector: IEC 60320 C14; Adapter input voltage range: 100-240VAC, 50/60Hz<br>Power Consumption (typical): ON (monitor only): 22W;<br>ON (monitor + AC/DC adapter at 230V/50Hz): 25W<br>SLEEP (monitor + AC/DC adapter at 230V/50Hz): 2.2W<br>OFF (monitor + AC/DC adapter at 230V/50Hz): 1.1W |
| Temperature                           | Operating: 32°F to 104°F (0°C to 40°C); Storage: (-4°F to 140°F) -20°C to 60°C                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Humidity (Non-Condensing)             | Operating: 20%-80%; Storage: 10%-90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Weight                                | Unpackaged: 10.6lbs (4.8kg); Packaged: 15.3lbs (6.9kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Shipping Dimensions                   | 7.9" x 24.4" x 16.9" (200mm x 620mm x 430mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Warranty                              | 3 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MTBF                                  | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| User's Controls                       | Optional remote OSD: Auto/Sel, up, down, menu; OSD buttons: menu, left, right, select, power; OSD: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, language (English, German, Spanish, Japanese, French); OSD disable/enable: power, OSD menu                                                                                                                                                                                                                                                               |
| Mounting Options*                     | VESA 4-hole 100mm mounting interface on rear of unit<br>2-hole mounting interface on all 4 sides                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Regulatory Approvals and Declarations | S-Mark; C-Tick; cUL, IC; CCC; CE; VCCI; KCC; NOM; BSMI; UL, FCC; CB; RoHS, China RoHS, WEEE, IMERC                                                                                                                                                                                                                                                                                                                                                                                                                                      |

\*See dimensional drawings for details

## Ordering Information

| Part Number | Technology           | Interface | Input Video Format | Surface Treatment |
|-------------|----------------------|-----------|--------------------|-------------------|
| E237584     | IntelliTouch Plus    | USB       | DVI/Analog VGA     | Clear             |
| E059181     | IntelliTouch         | USB       | DVI/Analog VGA     | Clear             |
| E811441     | Projected Capacitive | USB       | DVI/Analog VGA     | Clear             |
| E378034     | SecureTouch          | USB       | DVI/Analog VGA     | Clear             |

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- Multi-touch performance with "Built for Touch" reliability
- 55% energy savings using LED technology
- Commercial durability
- 3 year standard warranty



## 2244L 22" Open-Frame Touchmonitor

The Elo Touch Solutions 2244L open-frame LCD touchmonitor features a slim design and narrow outside dimensions due to the state-of-the-art energy-saving LED backlight, using less electricity to operate and generating less heat. Wide-aspect displays like the 2244L, with its wide-viewing angle allow extra content on the screen and are frequently used in casino gaming, amusement and entertainment settings as well as public venue environments due to the high-definition cinematic-like experience. Typical applications for the 2244L include: gaming and amusement, information kiosks and self-service, as well as interactive digital signage applications.

Available with IntelliTouch single-touch, IntelliTouch Plus dual-touch SAW and

zero-bezel projected capacitive (PCAP) multi-touch, the 2244L is compatible with Windows 7 and 8, and provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. Each touchscreen uses scratch-resistant pure-glass construction that delivers a clear, bright and long-lasting performance. With a compact design, wide-viewing angle and multiple mounting options the 2244L is easy to integrate into a variety of configurations. It also features a unique, injection-molded mini-bezel for a virtually invisible water resistant seal which gives integrators an edge in developing aesthetically-pleasing solutions.



### Features:

- Touchscreen technologies: IntelliTouch Plus multi-touch, IntelliTouch single-touch or zero-bezel PCAP multi-touch
- Slimmer dimensions enables thinner, artistic enclosure designs
- High definition LCD display offers ultimate HD interactivity, clarity and resolution
- Viewing angle of 178°(h) x 178°(v), wider than most 22" touchmonitors, allows colors to remain sharp and graphics to retain their integrity in both portrait and landscape modes
- LED backlighting allows for state-of-the-art slim design while reducing power consumption
- Optimized for use in high-traffic environments

### Applications:

- Gaming machines
- Kiosks
- Point-of-Information
- Self-service and ticketing

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touch screen components, touch monitors, and all-in-one touch computers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

## 2244L 22" Open-Frame Touchmonitor Specifications

| Specifications                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                 | 2244L                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Bezel Color                           | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Diagonal Size                         | 21.5" diagonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Aspect Ratio                          | 16:9                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Active Display Area                   | 18.7" x 10.5" (475mm x 267mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dimensions*                           | 20.1" x 11.7" x 1.7" (512mm x 298mm x 43mm) max                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LCD Technology                        | Active matrix TFT LCD with LED backlighting                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Native Resolution                     | 1920 x 1080                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Other Supported Resolutions           | 640x480 60Hz; 720x576 50Hz; 800x600 56, 60Hz; 1024x768 60Hz; 1280x720 50, 60Hz; 1280x960 60Hz; 1280x1024 60Hz; 1366x768 60Hz; 1440x900 60Hz; 1680x1050 60Hz; 1920x1080 50, 60Hz                                                                                                                                                                                                                                                                                                |
| Colors                                | 16.7 million colors                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Brightness (Typical)                  | LCD Panel: 250 nits; with IntelliTouch: 225 nits; with PCAP: 225 nits; IntelliTouch Plus: 225 nits                                                                                                                                                                                                                                                                                                                                                                             |
| On-Screen Display (OSD)               | Accessible through switches on the unit's tethered OSD Control box.<br>Controls: Menu, Up, Down, Select; Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, OSD H-Position, OSD; V-Position, Recall Defaults, Video Source; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, Power               |
| Response Time ((Tr + Tf) (Typical)    | 14 ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Viewing Angle (Typical)               | Horizontal: ±89°; Vertical: ±89°                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Contrast Ratio (Typical)              | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Video                                 | Analog VGA on Female DE-15 connector; Digital DVI on Female DVI-D connector; Input Video Horizontal Sync frequency range: 31.5-80KHz; Input Video Vertical Sync (frame rate) frequency range: 50-75Hz                                                                                                                                                                                                                                                                          |
| Power                                 | Monitor input power connector: Coaxial power jack (2mm pin outer diameter, 6.4mm barrel inner diameter); Monitor input power signal specifications: 12VDC ± 5%<br>Adapter input connector: IEC 60320 C14; Adapter input voltage range: 100-240VAC, 50/60Hz<br>Power Consumption (typical): ON (monitor only): 22W;<br>ON (monitor + AC/DC adapter at 230V/50Hz): 25W<br>SLEEP (monitor + AC/DC adapter at 230V/50Hz): 2.2W<br>OFF (monitor + AC/DC adapter at 230V/50Hz): 1.1W |
| Temperature                           | Operating: 32°F to 104°F (0°C to 40°C); Storage: (-4°F to 140°F) -20°C to 60°C                                                                                                                                                                                                                                                                                                                                                                                                 |
| Humidity (Non-Condensing)             | Operating: 20%-80%; Storage: 10%-90%                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Weight                                | Unpackaged: 10.6lbs (4.8kg); Packaged: 15.3lbs (6.9kg)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Shipping Dimensions                   | 7.9" x 24.4" x 16.9" (200mm x 620mm x 430mm)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Warranty                              | 3 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MTBF                                  | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| User's Controls                       | Optional remote OSD: Auto/Sel, up, down, menu; OSD buttons: menu, left, right, select, power; OSD: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, language (English, German, Spanish, Japanese, French); OSD disable/enable: power, OSD menu                                                                                                                                                                                                      |
| Mounting Options*                     | VESA 4-hole 100mm mounting interface on rear of unit<br>2-hole mounting interface on all 4 sides                                                                                                                                                                                                                                                                                                                                                                               |
| Regulatory Approvals and Declarations | S-Mark; C-Tick; cUL, IC; CCC; CE; VCCI; KCC; NOM; BSMI; UL, FCC; CB; RoHS, China RoHS, WEEE, IMERC                                                                                                                                                                                                                                                                                                                                                                             |

\*See dimensional drawings for details

## Ordering Information

| Part # (RoHS Compliant) | Technology           | Interface | Input Video Format | Surface Treatment |
|-------------------------|----------------------|-----------|--------------------|-------------------|
| E056050                 | IntelliTouch Plus    | USB       | DVI/Analog VGA     | Clear             |
| E469590                 | IntelliTouch         | USB       | DVI/Analog VGA     | Clear             |
| E485927                 | Projected Capacitive | USB       | DVI/Analog VGA     | Clear             |

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- True-flat designs with "Built for Touch" reliability
- Pure-glass touchscreen for optimal image quality
- Energy savings and slim form factor by using LED technology
- 3 year standard warranty



## 2440L 24-inch LED Open-Frame Touchmonitor

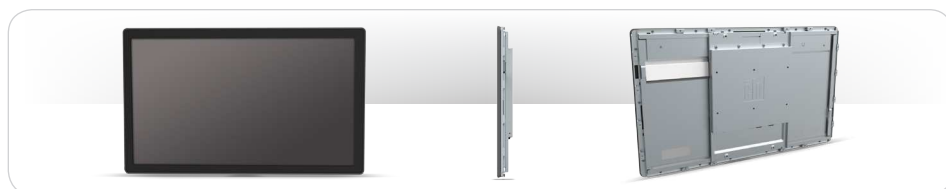
The Elo Touch Solutions 2440L 24-inch full HD open-frame touchmonitor delivers a professional-grade large format display in a slim, integrated package. The 2440L is designed for use in public environments in applications like information kiosks, ticketing, gaming machines and self-service stations.

The 2440L is available with a choice of single-touch and multi-touch technologies; IntelliTouch, IntelliTouch Plus, iTouch, iTouch Plus and projected capacitive. Elo's iTouch surface acoustic wave touchscreen technology and projected capacitive products offer a flat edge to edge solution that brings a sleek modern feel to any application.

Both surface acoustic wave and projected capacitive are pure-glass touchscreen technologies that combine long-term reliability and drift-free stability with high-quality optics that preserves color purity.

The cost-effective iTouch versions are ideal for vertical implementations, and are available in both single-touch and dual-touch offerings. Projected capacitive products are suitable for tabletop or horizontal applications with multi-touch requirements.

Featuring a compact form factor and optional rack- and front-mount bezels, the 2440L is easy to integrate.



### Key Features:

- **Edge-to-edge zero-bezel design:**  
Projected capacitive and iTouch / iTouch Plus surface acoustic wave
- **Traditional bezel:**  
IntelliTouch and IntelliTouch Plus surface acoustic wave
- 1080p full HD display easily attracts and holds viewer's attention
- Multiple mounting options, in both landscape and portrait mode

### Key Applications:

- Kiosks
- Point of Information
- Gaming
- Ticketing and self-service

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

## 2440L 24-inch Open-Frame Touchmonitor

| Specifications                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                 | 2440L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Color                                 | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Active Display Area                   | 521.3 x 293.2 mm / 20.5 x 11.5 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dimensions                            | 561.6 x 325.8 x 42.2 mm / 22.1 x 12.8 x 1.7 inches                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LCD Technology                        | Active matrix TFT LCD with LED backlight                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Diagonal Size                         | 23.6"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Aspect Ratio                          | 16:9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Native Resolution                     | 1920 x 1080 – 1080p full HD                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preset Video Timings                  | 640x480 60, 66, 72Hz; 720x400 70Hz; 720x480 60Hz; 720x576 50Hz; 800x500 60Hz; 800x600 56, 60, 72Hz; 1024x768 60, 65, 72, 75Hz; 1280x720 50, 60Hz; 1280x800 60Hz; 1280x960 60Hz; 1280x1024 60, 75Hz; 1360x768 60Hz; 1366x768 60Hz; 1440x900 60Hz; 1680x1050 60Hz 1920x1080 50, 60Hz                                                                                                                                                                                                   |
| Number of Colors                      | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Brightness (typical)                  | LCD Panel: 300 nits; IntelliTouch: 270 nits, IntelliTouch Plus: 270 nits, iTouch: 270 nits, iTouch Plus: 270 nits, projected capacitive: 270 nits                                                                                                                                                                                                                                                                                                                                    |
| Response Time (Tr+tf) (typical)       | 5ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Viewing Angle (typical)               | Horizontal: 170 °; Vertical: 160 °                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Contrast Ratio (typical)              | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Video                                 | Analog VGA on Female DE-15 connector; Digital DVI on Female DVI-D , Dual-Link connector<br>Input Video Horizontal Sync frequency range: 31.5-80KHz ; Input Video Vertical Sync (frame rate frequency range: 50-75Hz                                                                                                                                                                                                                                                                  |
| Power                                 | Monitor input power connector: Coaxial power jack (2.1mm pin outer diameter, 6.4mm barrel inner diameter)<br>Monitor input power signal specifications: 12VDC +/- 5%<br>Note: This monitor is sold without an AC-DC power adapter.<br>Adapter input connector: IEC 60320 C14<br>Adapter input voltage range: 100-240VAC, 50/60Hz<br><br>Power Consumption (Typical): ON (monitor + AC/DC adapter): 30W;<br>SLEEP (monitor + AC/DC adapter): 2W;<br>OFF (monitor + AC/DC adapter): 1W |
| Weight                                | Unpackaged: 5.7 kg (12.5 lb); Packaged: 8.5 kg (18.7 lb)                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Shipping Dimensions                   | 685 x 455 x 150 mm / 27 x 17.9 x 5.9 inches                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mounting Options                      | 200mm x 100mm VESA 4-hole mounting interface on rear of unit.<br>Side/flush mounting brackets included with unit.                                                                                                                                                                                                                                                                                                                                                                    |
| On-Screen Display (OSD)               | Accessible through switches on the OSD Control Remote accessory.<br>Controls: Menu, Up, Down, Select<br>Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, Recall Defaults, Video Source<br>Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese<br>Lockouts: OSD, Power                                                   |
| Temperature                           | Operating: 0 °C to 40 °C (32 °F to 104 °F); Storage: -20 °C to 60 °C (-4 °F to 140 °F)                                                                                                                                                                                                                                                                                                                                                                                               |
| Humidity (non-condensing)             | Operating: 20% to 80%; Storage: 10% to 90%                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Regulatory approvals and declarations | Australia C-Tick, Canada CUL, IC, China CCC, Europe CE, Japan VCCI, Korea KCC, e-Standby, Mexico COC, Taiwan BSMI, United States FCC, UL, International CB, RoHS, China RoHS, WEEE                                                                                                                                                                                                                                                                                                   |
| Warranty                              | 3 years standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MTBF                                  | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Ordering Information

| Model | Part Number | Technology           | Bezel | Surface Treatment | Interface  | Availability |
|-------|-------------|----------------------|-------|-------------------|------------|--------------|
| 2440L | E000413     | IntelliTouch         | Yes   | Clear             | USB/Serial | Worldwide    |
|       | E000414     | iTouch               | No    | Clear             | USB/Serial | Worldwide    |
|       | E000415     | IntelliTouch Plus    | Yes   | Clear             | USB        | Worldwide    |
|       | E000416     | iTouch Plus          | No    | Clear             | USB        | Worldwide    |
|       | E000417     | Projected capacitive | No    | Clear             | USB        | Worldwide    |

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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- Thin Bezel Style with "Built for Touch" Reliability
- Pure-glass touchscreen for optimal image quality
- 54% energy savings using LED technology
- 3 year standard warranty



## 2740L 27-inch Open-Frame Touchmonitor

The Elo Touch Solutions 2740L 27-inch full HD open-frame touchmonitor delivers a professional-grade large format display in a slim, integrated package. The 2740L is designed for use in public environments in applications like information kiosks, ticketing, gaming machines, self-service stations and digital signage.

The 2740L is available with IntelliTouch Plus surface acoustic wave technology with multi-touch capabilities, supporting both Windows 7 and Windows 8. This pure glass touchscreen technology combines long-term reliability and drift-free stability with high-quality optics that preserves color purity. The bright, high contrast LED display offers a full HD cinematic-like experience to instantly grab and hold the user's attention.

LED backlighting also allows for a slim mechanical design with narrow outside dimensions giving kiosk integrators an edge in developing the most aesthetically pleasing enclosure designs.

Compared to LCDs with CCFL backlights, LED displays consume less power, and generate less heat.

Because the product enclosure is controlled by Elo Touch Solutions' specifications and tooling, Elo's open-frame monitors have a long-lasting product cycle, which is important to maintain continuity through all phases of project rollouts and servicing. Future-generation panels can be phased in without any external changes needed to the kiosk or cabinet.

### Benefits:

- 1080p full HD display with wide viewing angle easily attracts and holds viewer's attention
- Multiple mounting options, in both landscape and portrait mode

### Applications:

- Kiosks
- Point of Information Displays
- Gaming Systems
- Ticketing Machines

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touch screen components, touch monitors, and all-in-one touch computers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.



## 2740L 27-inch Open-Frame Touchmonitor

| Specifications                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                 | 2740L                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Color                                 | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Active Display Area                   | 597.6 x 336.2 mm / 23.5 x 13.2 inches                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Dimensions*                           | 632.2 x 373.4 x 42.6 mm / 24.9 x 14.7 x 1.7 inches                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LCD Technology                        | Active matrix TFT LCD with LED backlight                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Diagonal Size                         | 27 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| On-Screen Display (OSD)               | Accessible through switches on the OSD Control Remote accessory.<br>Controls: Menu, Up, Down, Select<br>Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, Recall Defaults, Video Source<br>Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese<br>Lockouts: OSD, Power                                           |
| Mounting Options*                     | 200mm x 100mm VESA 4-hole mounting interface on rear of unit.<br>Side mounting brackets included with the unit.                                                                                                                                                                                                                                                                                                                                                              |
| Aspect Ratio                          | 16:9                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Native Resolution                     | 1920 x 1080                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preset Video Timings                  | 640x480 60Hz, 720x576 50Hz, 800x500 60Hz, 800x600 56, 60Hz, 1024x768 60Hz, 1280x720 50,60Hz, 1280x800 60Hz, 1280x1024 60Hz, 1366x768 60Hz, 60Hz RB, 1440x900 60Hz, 60Hz RB, 1680x1050 60Hz, 60Hz RB, 1920x1080 50 60Hz                                                                                                                                                                                                                                                       |
| Number of Colors                      | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Brightness (typical)                  | LCD Panel: 300 nits; IntelliTouch Plus: 270 nits                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Response Time (Tr+tf) (typical)       | 12ms                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Viewing Angle (typical)               | Horizontal: 178 °; Vertical: 178 °                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Contrast Ratio (typical)              | 3000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Video                                 | Analog VGA on Female DE-15 connector; Digital DVI on Female DVI-D , Dual-Link connector<br>Input Video Horizontal Sync frequency range: 31.5-80KHz                                                                                                                                                                                                                                                                                                                           |
| Power                                 | External DC-optional power brick (sold separately)<br>Monitor input power connector: Coaxial power jack (2.1mm pin outer diameter, 6.4mm barrel inner diameter)<br>Monitor input power signal specifications: 12VDC +/- 5%<br>Adapter input connector: IEC 60320 C14<br>Adapter input voltage range: 100-240VAC, 50/60Hz<br>Power Consumption (Typical): ON (monitor + AC/DC adapter): 38W;<br>SLEEP (monitor + AC/DC adapter): 1.3W;<br>OFF (monitor + AC/DC adapter): 0.4W |
| Weight                                | Unpackaged: 7.5 kg (16.5 lb); Packaged: 10.5 kg (23.1 lb)                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Shipping Dimensions                   | 788 x 536 x 233 mm / 31 x 21.1 x 9.2 inches                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Temperature                           | Operating: 0 °C to 40 °C (32 °F to 104 °F); Storage: -20 °C to 60 °C (-4 °F to 140 °F)                                                                                                                                                                                                                                                                                                                                                                                       |
| Humidity (non-condensing)             | Operating: 20% to 80%; Storage: 10% to 90%                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Regulatory approvals and declarations | Argentina S-Mark, Australia C-Tick, Canada CUL, IC, China CCC, Europe CE, Japan VCCI, Korea KCC, e-Standby, Mexico COC, Taiwan BSMI, United States FCC, UL, International CB, RoHS, China RoHS, WEEE                                                                                                                                                                                                                                                                         |
| Warranty                              | 3 years standard                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MTBF                                  | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Ordering Information

| Model | Part Number | Technology        | Interface | Availability |
|-------|-------------|-------------------|-----------|--------------|
| 2740L | E220828     | IntelliTouch Plus | USB       | Worldwide    |
|       | E104733     | Non touch         |           | Worldwide    |

## Optional Peripherals

| Peripheral                       | Part Number |
|----------------------------------|-------------|
| Cable kit for replacement cables | E378229     |
| IntelliTouch Stylus Pen          | D82064-000  |

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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- Dual-touch performance with “Built for Touch” reliability
- 60% energy savings using LED technology
- Commercial durability
- 3 year standard warranty



## 3243L 32" Open-frame Touchmonitor

The Elo Touch Solutions 3243L 32-inch full HD open-frame touchmonitor provides smooth dual-touch performance with IntelliTouch Plus surface acoustic wave technology. The 3243L touchmonitor is 2.3" (59mm) in total thickness and less than 1" (25mm) in border width. The new sleek mechanical design enables thinner and smaller kiosk design for various applications like retail, hotels, gaming, transportation and other commercial

uses. The touch screen glass is tested with robust “ball-drop” requirements supporting applications in demanding public access environments.

The 3243L features a unique, injection-molded bezel with a virtually invisible water-resistant seal, making it a good choice for the rigors of public use. Narrow borders, multiple mounting options, and a USB touch interface add to the versatility of the 3243L.



### Benefits:

- 1920 x 1080 full HD provides a bright, high contrast display with wide-view angle that easily attracts and holds the user's attention
- IntelliTouch Plus surface acoustic wave technology provides dual-touch performance
- New sleek design: 2.3" total thickness; less than 1" borders; 30% less total weight—27 lbs (12.3kg)
- LED backlighting reduces power consumption by 60% and generates less heat than traditional CCFL backlights
- Commercial durability enabled with glass “ball-drop”
- Multiple mounting options are available
- Worldwide agency approvals and a 3 year standard warranty

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

## 3243L 32" LCD Open-frame Touchmonitor

| Specifications                        |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                 | 3243L                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Color                                 | Black                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Active Display Area                   | 27.49" x 15.47" (698.4mm x 392.85mm)                                                                                                                                                                                                                                                                                                                                                                                      |
| Dimensions*                           | 28.95" x 17.44" x 2.28" (735.4mm x 443mm x 58mm) max                                                                                                                                                                                                                                                                                                                                                                      |
| LCD Technology                        | Active matrix TFT LCD                                                                                                                                                                                                                                                                                                                                                                                                     |
| Diagonal Size                         | 31.5"                                                                                                                                                                                                                                                                                                                                                                                                                     |
| On-Screen Display (OSD)               | Accessible through switches on the OSD Control Remote accessory. Controls: Menu, Up, Down, Select; Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, Recall Defaults, Video Source; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, Power |
| Mounting Options*                     | 400mm x 200mm VESA 4-hole mounting interface on rear of unit<br>Side mounting brackets included with unit                                                                                                                                                                                                                                                                                                                 |
| Aspect Ratio                          | 16:9                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Native Resolution                     | 1920 x 1080                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preset Video Timings                  | 640x480 60Hz, 800x500 60Hz, 800x600 56, 60Hz, 1024x768 60Hz, 1280x720 60Hz, 1280x960 60Hz, 1280x1024 60Hz, 1360x768 60Hz, 1366x768 60Hz, 1440x900 60Hz, 1600x1200 60Hz, 1680x1050 60Hz, 1920x1080 60Hz                                                                                                                                                                                                                    |
| Number of Colors                      | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                              |
| Brightness (typical)                  | LCD Panel: 350 nits; with Non-Touch: 315 nits; with IntelliTouch Plus: 315 nits                                                                                                                                                                                                                                                                                                                                           |
| Response Time (Tr + Tf) (typical)     | 8 ms                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Viewing Angle (typical)               | Horizontal: 178°; Vertical: 178°                                                                                                                                                                                                                                                                                                                                                                                          |
| Contrast Ratio (typical)              | 3000:1                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Video                                 | Analog VGA on Female DE-15 connector; HDCP-capable HDMI 1.3 on HDMI Type A receptacle connector (ET3243L-XXWA models only); Digital DVI on Female DVI-D, Dual-Link connector (ET3243L-XXAA models only)<br>Input Video Horizontal Sync frequency range: 31.5-80KHz<br>Input Video Vertical Sync (frame rate) frequency range: 47-63Hz                                                                                     |
| Power                                 | Input power connector: IEC 60320 C14; Input power signal specifications: 100-240VAC, 50/60Hz<br>Power Consumption (Typical): ON (monitor + AC/DC adapter): 55W; SLEEP (monitor + AC/DC adapter): 1.4W; OFF (monitor + AC/DC adapter): 0.3W                                                                                                                                                                                |
| Weight                                | Unpackaged: 27.12 lbs (12.3kg); Packaged: 41.5 lbs (18.8kg)                                                                                                                                                                                                                                                                                                                                                               |
| Shipping Dimensions                   | 39.05" x 26.45" x 11.65" (992mm x 672mm x 296mm)                                                                                                                                                                                                                                                                                                                                                                          |
| Temperature                           | Operating: 32°F to 104°F (0°C to 40°C); Storage: (-4°F to 140°F) -20°C to 60°C                                                                                                                                                                                                                                                                                                                                            |
| Humidity (non-condensing)             | Operating: 20%-80%; Storage: 10%-90%                                                                                                                                                                                                                                                                                                                                                                                      |
| Regulatory approvals and declarations | S-Mark; C-Tick; CUL, IC; CCC; CE; VCCI; KC, KCC, e-Standby; CoC; GOST; BSMI; UL, FCC; CB; RoHS, China RoHS, WEEE; UL60950                                                                                                                                                                                                                                                                                                 |
| Warranty                              | 3 year standard                                                                                                                                                                                                                                                                                                                                                                                                           |
| MTBF                                  | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                 |

## Ordering Information

| Model | Part Number | Technology        | Interface | Surface Treatment | Availability |
|-------|-------------|-------------------|-----------|-------------------|--------------|
| 3243L | E589724     | IntelliTouch Plus | USB       | Clear             | Worldwide    |
|       | E444804     | IntelliTouch Plus | USB       | Clear             | Asia         |

## Optional Peripherals

| Peripheral                       | Part Number |
|----------------------------------|-------------|
| Cable Kit for Replacement Cables | E378229     |
| Remote On-Screen Display (OSD)   | E483757     |

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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- Dual-touch Performance with "Built for Touch" Reliability
- Energy Savings using LED Technology
- Commercial Durability
- 3 Year Standard Warranty



## 4243L 42" Open-frame Touchmonitor

The Elo Touch Solutions 4243L 42-inch full HD open-frame touchmonitor provides smooth dual-touch performance with IntelliTouch Plus surface acoustic wave technology. The 4243L touchmonitor is 2.6" (65 mm) in total thickness and less than 1" (25mm) in border width. The new sleek mechanical design enables thinner and smaller kiosk design for various applications like retail, hotel, gaming, transportation and other commercial users. The touch screen glass tested with robust "ball-drop" requirements supporting applications in demanding public access environments.

The 4243L features a unique, injection-molded bezel with a virtually invisible water-resistant seal, making it a good choice for the rigors of public use. Narrow borders, multiple mounting options, and a USB touch interface add to the versatility of the 4243L.



### Benefits:

- 1920 x 1080 full HD provides a bright, high contrast display with wide-view angle that easily attracts and holds the user's attention
- IntelliTouch Plus surface acoustic wave technology provides dual-touch performance
- New sleek design: 2.6" total thickness; less than 1" borders; lite weight-44 lbs (20kg)
- LED backlighting reduces power consumption and generates less heat than traditional CCFL backlights
- Commercial durability enabled with glass "ball-drop"
- Multiple mounting options are available
- Worldwide agency approvals and a 3 year standard warranty

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

## 4243L 42" LCD Open-frame Touchmonitor

| Specifications                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                                              | 4243L                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Color                                                              | Black                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Active Display Area                                                | 36.6" x 20.6" (930 mm x 523 mm)                                                                                                                                                                                                                                                                                                                                                                                           |
| Dimensions*                                                        | 38.5" x 2.6" x 22.6" (978mm x 65mm x 575mm) max                                                                                                                                                                                                                                                                                                                                                                           |
| LCD Technology                                                     | Active matrix TFT LCD with LED backlight                                                                                                                                                                                                                                                                                                                                                                                  |
| On-Screen Display (OSD)                                            | Accessible through switches on the OSD Control Remote accessory. Controls: Menu, Up, Down, Select; Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, Recall Defaults, Video Source; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, Power |
| Mounting Options*                                                  | VESA 4-hole mount per MIS-F, 400, 400, 6mm (side mounting brackets included with unit)                                                                                                                                                                                                                                                                                                                                    |
| Aspect Ratio                                                       | 16:9                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Native Resolution                                                  | 1920 x 1080                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preset Video Timings                                               | 640x480 60Hz, 720x480 60Hz, 720x576 50Hz, 800x600 56Hz, 1024x768 60Hz, 1280x720 50Hz, 1280x720 60Hz, 1280x960 60Hz, 1280x1024 60Hz, 1440x900 60Hz, 1366x768 60Hz, 1680x1050 60Hz, 1920x1080 50Hz, 1920x1080 60Hz                                                                                                                                                                                                          |
| Number of Colors                                                   | 1073 million                                                                                                                                                                                                                                                                                                                                                                                                              |
| Brightness (typical)<br>LCD Panel<br>IntelliTouch Plus<br>No Touch | 500 nits<br>450 nits<br>450 nits                                                                                                                                                                                                                                                                                                                                                                                          |
| Response Time (Tr + Tf) (typical)                                  | 8 ms                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Viewing Angle (typical)                                            | Horizontal: ±89°; Vertical: ±89°                                                                                                                                                                                                                                                                                                                                                                                          |
| Contrast Ratio (typical)                                           | 4000:1                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Video                                                              | Analog VGA on Female DE-15 connector; HDCP-capable HDMI 1.3 on HDMI Type A receptacle connector (ET4243L-XXWA models only); Digital DVI on Female DVI-D, Dual-Link connector (ET4243L-XXAA models only). Input Video Horizontal Sync frequency range: 31.5-75KHz, Input Video Vertical Sync (frame rate) frequency range: 47-63Hz                                                                                         |
| Power                                                              | Input power connector: IEC 60320 C14; Input power signal specifications: 100-240VAC 50/60Hz; Monitor Only - Power Consumption: (typical at 110V at 60Hz): ON: 105W; SLEEP: 7W; OFF: 5.5W; Monitor Only - Power Consumption: (typical at 230V at 50Hz): ON: 101W; SLEEP: 6W; OFF: 5.0W;                                                                                                                                    |
| Weight                                                             | Unpackaged— 44 lbs. (20kg)<br>Packaged: 61 lbs. (27.67kg)                                                                                                                                                                                                                                                                                                                                                                 |
| Shipping Dimensions                                                | 45.9"x 33.7" x 11.02" (1168 mm x 856 mm x 280 mm)                                                                                                                                                                                                                                                                                                                                                                         |
| Temperature                                                        | Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 140°F (-20°C to 50°C)                                                                                                                                                                                                                                                                                                                                            |
| Humidity (non-condensing)                                          | Operating: 20%-80%; Storage: 10%-95%                                                                                                                                                                                                                                                                                                                                                                                      |
| Regulatory approvals and declarations                              | UL, FCC; cUL, IC; CB; CE; VCCI; C-Tick; NOM CoC; GOST; BSMI; KC, e-Standby; CCC, China RoHS, UL60950                                                                                                                                                                                                                                                                                                                      |
| Warranty                                                           | 3 years standard                                                                                                                                                                                                                                                                                                                                                                                                          |
| MTBF                                                               | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                 |

\*See dimensional drawings for details

## Ordering Information

| Model | Part Number | Technology                    | Interface | Surface Treatment | Availability |
|-------|-------------|-------------------------------|-----------|-------------------|--------------|
| 4243L | E000444     | IntelliTouch Plus, VGA & HDMI | USB       | Clear             | Worldwide    |
| 4243L | E000445     | IntelliTouch Plus, VGA & DVI  | USB       | Clear             | Asia         |
| 4243L | E000447     | No Touch, VGA & HDMI          | USB       | Clear             | Worldwide    |

## Optional Peripherals

| Peripheral                       | Part Number |
|----------------------------------|-------------|
| Cable Kit for Replacement Cables | E378229     |
| Remote On-Screen Display (OSD)   | E483757     |

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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