elo TOUCH SOLUTIONS

- Best-in-class optical performance
- Designed for medical and healthcare requirements
- 35% energy savings using LED technology
- 3 year standard warranty



2401LM 24-inch Desktop Touch Monitor for Medical and Healthcare Settings

Overview

The fully featured 2401LM touch monitor offers IntelliTouch® surface acoustic wave (SAW) touchscreen technology which provides stable "drift-free" touch response, outstanding image clarity and full HD resolution, resulting in an accurate touch experience and vivid images. Additionally, the touch monitor is equipped with industry standard connectivity in the form of a combination USB and RS232 touch controller, DVI-D, VGA connectors and built-in audio amp with stereo speakers. The 2401LM is available in medical white or black color.

The 2401LM is compliant with multiple safety and electrical certification standards, including EN 60950-1 and EN 60601-1 for safety and EN 60950-1, EN55022, EN55024, and EN 60601-1 (3rd Edition) for EMC. Equipped with an LED backlit state-of-the-art LCD panel, the monitor is environmentally friendly with reduced power consumption.

The Elo 2401LM touch monitor is an effective solution for nurse stations, computer-aided therapy, electronic medical record keeping, paperless charting, patient self-check-in, as well as non-medical applications that benefit from DVI-D input, speakers and a pristine full HD image display.

Having been "designed for touch", the 2401LM features a stable stand with tilting functionality which can be removed for VESA mounting; cable management and cable fastening features to prevent accidental disconnection; OSD controls with lockout capability; and an IPx1 drip-resistant housing



PRODUCT OVERVIEW

Benefits:

Reliable

- Pure-glass touchscreen for superior image quality and drift-free performance
- Compliant with multiple safety and electrical certifications recognized by public health authorities
- Elo controlled design with long product life cycle and availability cycle

Applications:

- Nurse stations
- Patient self-check in
- Paperless charting
- Electronic record keeping

About Elo

Elo founders pioneered the touchscreen 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, 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.

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2401LM 24-inch Desktop Touchmonitor

Specifications	
Model	2401LM
Color	Black and white
Active Display Area	531.4 x 298.9 mm / 20.9 x 11.7 inches
Monitor Dimensions (without stand)	606 x 373 x 61 mm / 23.9 x 14.6 x 2.4 inches
LCD Technology	Active matrix TFT LCD
Diagonal Size	24.0"
Aspect Ratio	16:9
Native Resolution	1920 x 1080 at 60 Hz
Preset Video Modes	1920 x 1080 60Hz (Native), 640 x 350 70Hz, 720 x 400 70Hz, 640 x 480 60, 72 & 75Hz, 800 x 600 56, 60, 72 & 75Hz, 832 x 624 75Hz1024 x 768 60, 70 & 75Hz, 1280 x 800 60Hz, 1280 x 960 60Hz, 1280 x 1024 60Hz & 75Hz, 1360 x 768 60Hz, 1366 x 768 60Hz, 1440 x 900 60Hz, 1600 x 1200 60Hz, 1680 x 1050 60Hz
Number of Colors	16,7 million
Brightness (typical)	LCD Panel: 300 nits; IntelliTouch: 270 nits
Response Time (Tr+tf) (typical)	25ms
Viewing Angle (typical)	Horizontal: 178 °; Vertical: 178 °
Contrast Ratio (typical)	3000:1
Video	Input connector: 3.5mm TRS jack Input signal range: 0.5Vrms maximum stereo signal Internal Speakers output: Two 1W speakers
Audio	Input connector: 3.5mm TRS jack Input signal range: 0.5Vrms maximum stereo signal Internal Speakers output: Two 1W speakers
Power	Input voltage AC Adaptor: 100-240 VAC, 50/60Hz Input voltage Monitor DC: 12 VDC +/- 0.5V Input connector AC Adaptor: IEC 60320 C14 Input connector Monitor DC: 4 pin Mini DIN Power Consumption (Typical): ON: 32W
Weight	Unpackaged: 8,8 kg (19,4 lb); Packaged: 13,2 kg (29 lb)
Shipping Dimensions	711 x 508 x 267 mm / 28 x 20 x 10.5 inches
Mounting Options	100 mm VESA rear-mount
On-Screen Display (OSD) Controls	**Controls (bottom):** menu, up, down, select, power **Settings:** contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, volume, sharpness, OSD H/V POS, OSDTime **Languages:** English, German, Spanish, Japanese, French, Italian,Chinese, Polish, Swedish **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% to 80%; Storage: 10% to 90%
Regulatory Approvals and Declarations	UL/cUL, CE EN/IEC 60601-1 3rd ed., FCC Class B, VCCI, C-Tick, KC, GOST, BSMI, CCC, China RoHS, IPX1 Elo Declarations: RoHS, WEEE, CE
Touch Interface	Serial (RS232) and USB
Warranty	3 years standard
MTBF	50.000 hours demonstrated

Ordering Information

Model	Part Number	Technology	Surface Treatment	Color	Availability
2401LM	E263686	IntelliTouch	Anti-glare	White	Worldwide
	E000140	IntelliTouch	Anti-glare	Black	Worldwide

Optional Peripherals

Model	Part
Repl. medical grade power adapter	E000648
IntelliTouch Stylus Pen	D82064-000

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To find out more about our extensive range of Elo touch solutions, go to **www.elotouch.com**, or call the office nearest you.

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