OPN2001

USB Companion Scanner

USB (VCP)

USB (HID)



+ Features & Benefits

- One-touch barcode scanning makes data collection simple and easy.
- Small form-factor (1.2” x 2.4” x 0.6”) device fits easily into a pocket or on a key chain
- Conveniently holds up to 15,000 barcodes
- Two-year warranty protects your investment

Product Specifications

Operation
- **CPU:** ARM7 32-bit
- **O/S:** Proprietary
- **RTC:** Supports year, month, day, hour, minute, second (leap year supported)

Memory
- **FlashROM:** 512 kB (Data storage >15.000 barcodes + time stamp)
- **RAM:** 64 kB

Operating indicators
- **Visual:** 1 LEDbar (red/green/orange)
- **Audible:** Buzzer

Operating keys
- **Entry options:** 2 keys total, 1 clear key, 1 scan key

Communication
- **USB:** Mini USB, Ver. 1.1, VCP

Power
- **Rechargeable battery:** Lithium-Ion 3.7V 150mAh
- **Operating time:** 1.000 scans (1 scan / 5 sec)
- **Charging method:** Enclosed USB cable
- **Battery charging time:** Ca 2.5 hours

Barcode scanner Optics
- **Light source:** 650 nm visible laser diode
- **Scan method:** Vibrating mirror
- **Scan rate:** 100 scans/sec
- **Reading pitch angle:** -30 to 0°, 0 to +30°
- **Reading skew angle:** -50 to -8º, +8 to +50º
- **Reading tilt angle:** -20 to 0°, 0 to +20°
- **Curvature:** R>15 mm (EAN8), R>20 mm (EAN13)
- **Min. PCS value:** 0.45
- **Depth of field:** At PCS 0.9 UPC
  - **39 mil (1mm):** 2.36-22.44in (60-570mm)
  - **20 mil (0.5mm):** 1.57-14.17in (40-360mm)
  - **10 mil (0.25mm):** 1.57-8.66in (40-220mm)
  - **6 mil (0.15mm):** 1.57-4.72in (40-120mm)
  - **5 mil (0.127mm):** 1.97-3.94in (50-100mm)

Supported Symbologies
- **Barcode (1D):** JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/Plessey-UK/Plessey, S-Code, Telepen, Tri-Optic
- **Postal code:** Chinese Post, Korean Postal Authority code

Durability
- **Temperature in operation:** 0 to 40 °C / 32 to 104 ºF
- **Temperature in storage:** -20 to 60 °C / -4 to 140 ºF
- **Ambient light immunity:** White 3,000 lx max, Fluorescent 3,000 lx max, Direct sun 50,000 lx max
- **Protection rate:** IP 42

Physical
- **Dimensions (w x h x d):** 32 x 62 x 16 mm / 1.26 x 2.44 x 0.63 in
- **Weight body:** Ca. 28 g / 1 oz (incl. battery)
- **Case:** ABS, Black

Regulatory & Safety
- **Product compliance:** CE, FCC, VCCI, RoHS, JIS-C-6802 Class 2, IEC 60825-1 Class 2, FDA CDRH Class II

Enclosed items
- USB cable
- Neck strap

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Opticon, Inc.
2220 Lind Avenue SW Suite 100
Renton, WA 98057

Toll Free: (800) 636-0090
Local: (425) 651-2120
Fax: (425) 454-0865
Email: Sales@OpticonUSA.com
Email: Support@OpticonUSA.com

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About LOGISCENTER

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