



1903LM 19-inch LCD

Touchscreen Monitor



**IEC60601-1 4th edition &
IP54 Compliant**



**Optional Privacy Screen for
HIPAA Compliance**



**Edge-to-edge design with
integrated 10-touch**

Product Overview

The Elo 1903LM 19-inch touchscreen monitor for healthcare delivers a professional-grade interactive solution with Elo's industry-leading TouchPro® PCAP technology featuring edge-to-edge glass and enabling up to 10 simultaneous touches. The clear glass touchscreen provides exceptional image clarity, resolution, and light transmission for vivid images and details. Available in either black or white housings, the feature rich touchscreen monitor is equipped with dual built-in speakers and VGA and HDMI video connectors - and backed by a three-year warranty. The 03-Series is designed for healthcare with their compact form factor and clean design combined with IEC60601-1 4th edition and IP54 compliance.

A wide range of peripherals and accessories can be used with the 1903LM including handles to allow physicians to move the monitor with ease during patient visits and privacy screens for HIPAA compliance. And, with the integrated USB 2.0 hub, third party peripherals can be easily added such as a fingerprint reader or barcode scanner.

Other sizes available including 22-inch, 24-inch and 27-inch widescreen displays creating a seamless style across a variety of installation requirements

Touchscreen is compatible with use of finger, glove and stylus

Multiple mounting options including - stand mount, wall mount and pole mount

1903LM 19-inch LCD Touchscreen Monitor

| Specifications | |
|---------------------------------------|---|
| Color | Black or White |
| Diagonal Size | 19" / 482.6 mm |
| Active Touch Area | 14.76" x 11.80" / 374.78 mm x 299.83 mm |
| LCD Technology | Active matrix TFT LCD |
| Touch Technology | TouchPro PCAP |
| Number of Touches | 10 Touches |
| Aspect Ratio | 5:4 |
| Native Resolution | 1280 x 1024 |
| Preset Video Timings | 640 x 480 60Hz, 640 x 400 70Hz, 720 x 400 70Hz, 800 x 500 60Hz, 800 x 600 56, 60Hz, 1024 x 768 60Hz, 1280 x 800 60Hz, 1280 x 1024 60Hz |
| Number of Colors | 16.7M |
| Brightness (typical) | Panel: 250 nits; with TouchPro PCAP: 235 nits |
| Response Time (Tr + Tf) (typical) | 14 msec |
| Viewing Angle (typical) | Horizontal: 89°/89° or 178° total; Vertical: 89°/89° or 178° total |
| Contrast Ratio (typical) | 1000:1 |
| On-Screen Display (OSD) | Accessible through switches along the bottom. Controls: Menu, Power, Up, Down, Select Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, Volume, Mute, Recall Defaults, Audio Select, Power LED ON/OFF Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese, Russian, Korean Lockouts: OSD, Power |
| I/O Ports | VGA, HDMI, Headphone Jack, DC Jack, USB Type B, USB 2.0 Type A, 4 x Micro USB |
| Peripheral Ports | 4 x Micro USB side ports (Top, Bottom, Left, Right) |
| Video | VGA (VGA DB-15 Male connector cable included); HDMI (HDMI cable included); Input Video Horizontal Sync frequency range: 30 - 82KHz Input Video Vertical Sync (frame rate) frequency range: 50 - 75Hz |
| Speakers | 2 x 2W internal speakers |
| Power | Monitor input power connector: Coaxial power jack (2.1 mm pin outer diameter, 6.4mm barrel inner diameter); Monitor input power signal specifications: 12VDC +/- 5%; Adapter input voltage range: 100-240VAC, 50/60Hz; Power Consumption (Typical with monitor + AC/DC adapter): ON: 18W; SLEEP: 0.8W; OFF: 0.4W |
| Dimensions with Stand (H x W x D) | 15.66" x 16.91" x 7.61" / 397.7 mm x 429.6 mm x 193.4 mm |
| Shipping Dimensions | 20.75" x 18.97" x 10.24" / 527 mm x 482 mm x 260 mm |
| Weight | Unpackaged with Stand: 13.9 lbs / 6.3 kg; Unpackaged without Stand: 9.48 lbs / 4.3 kg; Packaged: 21.6 lbs / 9.8 kg |
| Mounting Options | VESA 4-hole 100mm mounting interface on rear of unit |
| Temperature | Operating: 0° C to 40° C / Storage: -20° C to 60° C |
| Humidity (non-condensing) | Operating: 20% - 80% / Storage: 10% - 95% |
| Regulatory approvals and declarations | Canada CUL, IC / China CCC / Europe CE / Korea KCC / Taiwan BSMI / United States FCC, UL / Japan VCCI / International CB / Australia RCM / Russia EAC / Mexico CoC |
| Healthcare Safety Standards | UL: AAMI /ANSI ES60601-1:2005/(R)2012 and A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012/IEC 60601-1 Ed. 3.1 ; cUL: (CAN/CSA-C22.2 NO. 60601-1:14 /IEC60601-1 Ed. 3.1; CB: IEC 60601-1:2005+A1:2012 (Ed. 3.1); CE: IEC 60601-1-2:2014 (Ed. 4); Risk Management: ISO 14971:2007 + EN ISO 14971:2012; Usability: IEC 60601-1-6:2010+A1:2013 (Ed. 3.1), IEC 62366:2007+A1:2014 (Ed. 1.1) |
| Ingress Protection | IP54 entire enclosure |
| Warranty | 3 years |
| Extended Warranty Option | 1 Year Extended Warranty - Elo P/N: 758588-000 2 Year Extended Warranty - Elo P/N: 930057-000 Elo Advance Unit Replacement (AUR) - Elo P/N: E67295-000 |
| MTBF | 50,000 hours demonstrated |
| Box Content | Touchmonitor with stand, Japanese language regulatory information pamphlet, Quick Install Guide, 3x Tie wraps, VGA cable, HDMI cable, Touch USB cable, Audio cable, Power brick, NA Power cable, EU Power cable, EEI Label |

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Ordering Information

| Part Number | Part Description | Technology | Surface Treatment | Touch Interface | Color | Availability |
|-------------|---------------------|---------------|-------------------|-----------------|-------|--------------|
| E349829 | ET1903L-2UWA-0-BL-G | TouchPro PCAP | Clear | USB | Black | Worldwide |
| E350028 | ET1903L-2UWA-0-WH-G | TouchPro PCAP | Clear | USB | White | Worldwide |

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

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