



# 1903LM 19-inch LCD

Medical Grade  
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 Medical Grade Touchscreen Monitor 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 anti-glare 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 a compact form factor and clean design combined with IP54 certification and compliance with IEC60601-1 4th edition requirements.

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 Medical Grade 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 720 @ 58Hz, 60Hz, 1280 x 800 60Hz, 1280 x 1024 60Hz
Number of Colors	16.7M
Brightness (typical)	Panel: 250 nits; with TouchPro PCAP: 225 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, 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, Combo 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 DE-15 (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 / India BIS / RoHS, China RoHS, WEEE, REACH
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	4 year warranty coverage - Elo P/N: E898247 5 year warranty coverage - Elo P/N: E898449 3 year warranty coverage + AUR - Elo P/N: E898648 4 year warranty coverage + AUR - Elo P/N: E894921 5 year warranty coverage + AUR - Elo P/N: E895125
MTBF	50,000 hours demonstrated
Box Content	Touchmonitor with stand, Quick Install Guide, 3x Tie wraps, VGA cable, HDMI cable, Touch USB cable, Audio cable, Power brick (E795350 or E323104), 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
E123955	ET1903LM-2UWA-1-BL-G	TouchPro PCAP	Anti-glare	USB	Black	Worldwide
E124149	ET1903LM-2UWA-1-WH-G	TouchPro PCAP	Anti-glare	USB	White	Worldwide

Learn more about Elo at [EloTouch.com](http://EloTouch.com).

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