



Elo TouchSystems 1919LM 19" Desktop Touchmonitor for Medical Healthcare Settings

The fully featured 1919LM touchmonitor offers best-in-class optical performance mated to leading touch technologies—IntelliTouch (surface acoustic wave), AccuTouch (five-wire resistive) and APR (acoustic pulse recognition)—in addition to a combination USB and serial touch controller, DVI, VGA and built-in speakers. The monitor is available in white, with touch and non-touch enabled versions.

The 1919LM is compliant with multiple safety and electrical certifications including EN 60950-1 and EN 60601-1 for safety and EN 60950-1, EN 55022, EN 55024, and EN 60601-1-2 for EMC. In addition, the 1919LM is RoHS compliant, and includes an enclosure design that is resistant to dripping water, protecting the unit from liquid drops and spills. As a result the 1919LM is an excellent fit for a wide variety of settings, including healthcare.

The Elo 1919LM touchmonitor is an effective solution for System Integrators, Value-Added Resellers and Software Developers to consider integrating into their healthcare applications such as nursing stations, computer-aided therapy, electronic medical record keeping, paperless charting, patient self check-in/registration or point-of-information installations, as well as non-medical applica-

tions that benefit from DVI-D input, speakers and a pristine image display.

Features

- High quality panel wide viewing angles, and high contrast ratio
- Available with AccuTouch (five-wire resistive), IntelliTouch (surface acoustic wave) or APR (acoustic pulse recognition) touch technologies, and as non-touch models
- Design is tightly controlled by Elo specifications
- Sealed touchscreen
- Removable base with mounting options including VESA mount
- EN 60950-1 and EN 60601-1 for safety; EN 60950-1, EN 55022, EN 55024 and EN 60601-1-2 for EMC
- RoHS compliant
- 3-year warranty
- Built-in speakers



1919LM 19" Desktop Touchmonitor

Enclosure Color	White
Display	Size: 18.5" diagonal; Aspect ratio: 16:9
Useful Screen Area*	Horizontal: 16.1" (410mm); Vertical: 9.1" (230mm)
Maximum Monitor Dimensions	Width: 17.9" (454mm); Height: 12.5" (317mm); Depth: 9.3" (236mm)
Native (optimal) Resolution	1366 x 768
Other Supported Resolutions	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; 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; 1360 x 768 at 60Hz; 1366 x 768 at 60Hz; 1440 x 900 at 60Hz; 1600 x 1200 at 60Hz; 1680 x 1050 at 60Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 300 nits; IntelliTouch: 270 nits; AccuTouch: 240 nits; APR: 270 nits
Response Time (typical)	5ms
Viewing Angle (typical)	Horizontal: $\pm 85^\circ$ or 170° total; Vertical: $+160^\circ$
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: 30-83KHz; Input Video Vertical Sync (frame rate) frequency range: 50-75Hz
Power	Input power connector: Coaxial power jack (2mm pin outer diameter, 6.4mm barrel inner diameter); Input power signal specifications: 12VDC $\pm 5\%$. (Note: This monitor is sold with a medical-grade AC/DC power adapter.) Adapter input connector: IEC 60320 C14; Adapter input voltage range: 100-240VAC, 50/60Hz; Power Consumption (typical): ON (monitor only, no audio): 19.4W; ON (monitor + AC/DC adapter at 230V/50Hz, no audio): 21.8W; SLEEP (monitor + AC/DC adapter at 230V/50Hz, no audio): 1.4W; OFF (monitor + AC/DC adapter at 230V/50Hz, no audio): 1.0W
Audio	Audio input connector: 3.5mm TRS jack; Input signal range: 1Vrms maximum stereo signal (standard PC Line Out); Internal Speakers output: Two 2W speakers; Headphone output: Two 3.5mm TRS jacks, wired in parallel; Headphone output signal (for 1KHz signal): delivers 90mW of power into a single 32-ohm stereo load
Weight	Unpackaged: 15.1lb (6.9kg); Packaged: 21.5lb (9.8kg)
Shipping dimensions	22.4" (57cm) x 16.3" (41.5cm) x 8.9" (22.5cm)
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 122°F)
Humidity (noncondensing)	Operating: 20%-80%; Storage: 10%-90%
MTBF	50,000 hours demonstrated
On-screen display (OSD)	Controls: Menu, Up, Down, Select; Settings: Brightness, Contrast, Phase, Clock, H-Position, VPosition, Auto-Adjust, Maintain Aspect Ratio, Sharpness, Video Source, Color Temperature, OSD Timeout, OSD Language, OSD Rotation, Volume, Mute, Recall Defaults; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, Power
Mounting options*	VESA 4-hole 100mm mounting interface on rear of unit; 4-hole mounting interface on stand baseplate
Agency approvals	North America: USA UL 60601-1 1st edition (medical), Canada CSA C22.2 No. 60601-1 (medical), USA FCC CFR 47 Part 18 Subpart B (medical), USA UL 60950, Canada CSA C22.2 No. 60950-1-03, Mexico NOM, USA FCC, Canada ICES; EMEA: Europe IEC/EN 60601-1:1988+A1+A2 2nd Edition (medical), Europe IEC/EN 60601-1-2:2005, Europe IEC/EN 55011 (medical), Europe IEC/EN 60950-1 including all CB scheme member country deviations, Australia/New Zealand C-tick, Europe CE mark; Asia: Japan VCCI
Warranty	3 years
Optional product coverage	Advance Unit Replacement program (North America only)

*See dimensional drawings for details

For updated specifications and more information, please visit www.elotouch.com.

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