1928L 19" LCD Medical Desktop Touchmonitor

Cost-effective LCD touchmonitor for healthcare applications. Also applicable for certain non-medical uses requiring high-quality image performance.

The Elo 1928L 19" LCD Medical Desktop Touchmonitor delivers cost-effective solutions for healthcare professionals and patients. This compact touchmonitor is "designed for touch" from the ground up, with Elo's proven expertise and reliability built-in, and not added later by altering an existing monitor.

The 1928L 19" LCD Medical Desktop touchmonitor is available with the robust performance of Elo's APR (Acoustic Pulse Recognition), IntelliTouch surface acoustic wave, AccuTouch five-wire resistive touch technologies, and non-touch. The innovative IPX1 enclosure sheds water and is safe from liquid drops and spills, which means the 1928L can be safely placed in patient care areas, such as the operating room or patient bedside, where contamination may occur. The touchscreen can be activated with a finger, gloved hand or soft stylus, an important capability for medical applications. Simplified worldwide electronic approvals cover the entire monitor that is designed, built, serviced, and supported by Elo, a true single source supplier.

Benefits

- Developed to meet the needs of healthcare professionals
- High quality optical performance
- IPX1 enclosure sheds water and is safe from liquid drops
- Touchscreen can be activated with gloved hand or stylus

- Elo quality at a competitive price point
- "Designed for touch" from the ground up: stable tilt base; controls on side rather than front; lockout function for public use
- Designed, built, serviced, and supported by Elo
- Space-saving, economical, flexible, and reliable
- Available with Elo's IntelliTouch, APR or AccuTouch touch technologies; non-touch models also available
- Functions as desktop or wall-mountable; VESA mount option
- Serial and USB connectivity (APR is USB only)
- Three-year standard warranty

Applications Include:

- Nurse station
- Paperless charting
- Computer-aided therapy
- Electronic medical records
- Patient self check-in and registration
- Light industrial shop-floor automation
- Point-of-information
- Point-of-service
- Loyalty systems

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1928L 19″ LCD Medical Touchmonitor Specifications

Model	1928L
Case/bezel color	Dark gray/beige
Display	Size: 19.0″ diagonal; type: active matrix TFT LCD; aspect ratio: 5 x 4
Useful screen area	Horizontal/vertical 14.82″ (376.32 mm)/11.85″ (301.06 mm)
Monitor dimensions	Width: 16.9″ (429 mm) Height (including base): 15.21″ (386 mm) Depth (including base): 8.15″ (207 mm)
Dimensional drawing number	MS600480
Optimal (native) resolution	1280 x 1024 at 60, 70 or 75 Hz
Other supported resolutions	1280 x 960 at 60 Hz; 1280 x 1024 at 60 or 75 Hz; 1152 x 864 at 75 Hz; 1024 x 768 at 60, 65, 70 or 75 Hz; 832 x 624 at 75 Hz (Mac); 800 x 600 at 56, 60, 72 or 75 Hz; 720 x 400 at 70 Hz; 720 x 350 at 70 Hz; 640 x 480 at 60, 66, 72 or 75 Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 300 cd/m^2 LCD panel with touchscreen: AccuTouch: 246 cd/m^2; APR/IntelliTouch/non-touch 276 cd/m^2
Response time (typical)	20 msec (typical)
Viewing angle (from center)	Horizontal (left/right) 89°/89° Vertical (up/down) 89°/89°
Contrast ratio	1300:1
Input video format	Analog (no proprietary video card needed)
Input sync format	Separate H & V sync, composite sync, sync-on-green
Input video signal connector	DVI-D and Mini D-Sub 15-Pin VGA type
Input frequency	Horizontal/vertical 31.5–80 kHz/56.3–75 Hz
Power supply	Type: DC input internal power supply; DC input (line) voltage: 12 V 3 .60 V
Power dissipation	48 W (max.)
Temperature	Operating/storage 0°C to 40°C/-20°C to 60°C
Humidity (noncondensing)	Operating/storage 20% to 80%/10% to 90%
Weight (approx.)	Actual/shipping 17.66 lbs (8 kg)/26.10 lbs (11.84 kg)
Warranty	Touchmonitor: 3 years Backlight lamp life: 40,000 hours at half brightness MTBF: 50,000 hours demonstrated
Agency approvals	North America/Worldwide: UL/cUL (UL 60601-1:2003), FCC, CE, VCCI, C-Tick (Class B), IPX1, CB, Argentina S-mark, CISPR 11:2003+A1:2004 Class B, IEC 60529:1989+A1:1999 Asia: UL, cUL, CB, MPR II, CE, FCC, VCCI, IC, C-Tick (Class B), Argentina S, BSMI, MIC, CCC, China RoHS; meets IEC/EN 6100-4-3 Radiated Immunity 10V/m
On-screen display (OSD)	Digital OSD
User's controls	OSD buttons: menu, up, down, select, power; OSD: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, volume, OSD exit, sharpness, OSD H/V position, OSD time, auto adjust, input select, OSD language (English, French, German, Italian, Japanese, Chinese, Polish, and Spanish); OSD disable/enable: power, OSD menu
Mounting options	Removable base; 100 mm VESA mount; threaded-through mounting holes, under base
Speakers	2 watt/channel speakers located in display head
Other features	Security lock receptacle

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

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