1928L 19” LCD Medical Desktop Touchmonitor

Cost-effective LCD touchmonitor for patient monitoring and critical care

Elo’s 1928L 19” LCD Medical Desktop touchmonitor delivers cost-effective solutions for critical care and patient-centric professionals in the medical and healthcare markets. This compact touchmonitor is “designed for touch” from the ground up, with Elo’s proven expertise and reliability built in, and not added as an afterthought by altering an existing monitor.

The 1928L 19” LCD Medical Desktop touchmonitor is available with the optimal optical performance of Elo’s IntelliTouch surface wave or AccuTouch five-wire resistive touch technology, plus serial and USB touch interfaces. The innovative IPX1 enclosure design ensures that the entire touchmonitor 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, where contamination may occur. The touchscreen can be activated with a finger, gloved hand or soft stylus, a critical capability for medical applications. Simplified worldwide approvals cover the entire monitor that is designed, built, serviced, and supported by Elo, a true single source supplier.

Applications
- Critical care
- Nurse station
- Patient monitoring
- Digital radiography
- Paperless charting
- Computer-aided therapy
- Electronic medical records
- Patient self check-in and registration

Benefits
- Developed to meet the needs of patient-centric and critical care professionals
- Best in class optical performance
- IPX1 enclosure design ensure touchmonitor 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 or AccuTouch touch technology
- Functions as desktop or wall-mountable; VESA mount option
- Serial and USB connectivity
- Simplified worldwide agency approvals
- Three-year standard warranty in the U.S.
- Innovative 5-second power down delay function, prevents inadvertent power shut down
### 1928L 19” LCD Medical Touchmonitor Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>1928L</td>
</tr>
<tr>
<td><strong>Case/bezel color</strong></td>
<td>Dark gray/beige</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>Size: 19.0&quot; diagonal; type: active matrix TFT LCD; aspect ratio: 5 x 4</td>
</tr>
<tr>
<td><strong>Useful screen area</strong></td>
<td>Width: 14.82&quot; (376.32 mm); Height (including base): 15.21&quot; (386 mm); Depth (including base): 8.15&quot; (207 mm)</td>
</tr>
</tbody>
</table>

**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 Hz, 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/m²
- LCD panel with touchscreen: AccuTouch: 246 cd/m²; IntelliTouch: 276 cd/m²

**Response time (typical)**

- 20 msec (typical)

**Viewing angle (from center)**

- Horizontal (left/right): ±89°/89° total
- Vertical (up/down): ±89°/89° total

**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**

- 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 ± .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 in U.S.
- Backlight lamp life: 40,000 hours at half brightness
- MTBF: 50,000 hours demonstrated

**Agency approvals**

- UL/cUL, FCC, CE, VCCI, C-Tick, IPX1, CB, Argentina S-mark, Demko

**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

**Other features**

- Security lock receptacle

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Find out more about Elo’s extensive range of touch solutions. Go to [www.elotouch.com](http://www.elotouch.com), or simply call the office nearest you.