



1528L 15" LCD Medical Desktop Touchmonitor

Cost-effective LCD touchmonitor for healthcare applications

Elo's 1528L 15" LCD Medical Desktop touchmonitor

delivers cost-effective solutions for critical care and patient-centric professionals in the medical and healthcare markets. This compact touch monitor is "designed for touch" with Elo's proven expertise and reliability built in from the start.

The versatile 1528L 15" LCD touchmonitor can be ordered with a choice of the leading touch technologies in medical products: IntelliTouch surface acoustic wave and AccuTouch five-wire resistive, along with serial and USB touch interfaces. The monitor is factory sealed against dust, dirt, and liquid splashes. The 1528L can be used in a wide variety of environments because it registers input from a finger, gloved hand or soft stylus with a fast and accurate response. Simplified worldwide approvals cover the entire monitor that is designed, built, serviced, and supported by Elo, a true single source supplier.

Features

- Stable tilt base; cables hidden from view; 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 AccuTouch five-wire resistive and IntelliTouch surface wave touch technologies
- Functions as desktop or wall-mountable; VESA mount option
- Sealed against dust, dirt, and splashes
- Serial and USB connectivity
- Three-year standard warranty.

1528L 15" LCD Medical Touchmonitor

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|---|--|
| Case/Bezel Color | Dark gray or beige |
| Base | Tall |
| Display | Size: 15" diagonal Type: Active matrix TFT LCD Aspect ratio: 4 x 3 |
| Useful Screen Area | Horizontal: 11.98" (304 mm); Vertical: 8.98" (228 mm) |
| Monitor Dimensions (max, with tall stand) | Width: 13.99" (355 mm); Height (inc. base): 13.8" (350 mm); Depth (inc. base): 8" (203 mm) |
| Optimal (Native) Resolution | 1024 x 768 |
| Other Supported Resolutions | 1024 x 768 at 60, 65, 70 or 75 Hz; 832 x 624 at 75 Hz; 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 Hz (Mac), 72 or 75 Hz |
| Colors | 16.2 million colors, 8 bit with dithering |
| Brightness (typical) | LCD panel: 350 nits; with AccuTouch: 287 nits; with IntelliTouch: 322 nits |
| Response Time (typical) | 8 ms |
| Viewing Angle (typical, from center) | Horizontal (left/right): $\pm 75^\circ$ or 150° total Vertical (up/down): $75^\circ/50^\circ$ or 125° total |
| Contrast Ratio | 400:1 |
| Input Video Format | RGB analog; DVI-D |
| Input Video Signal Connector | Mini D-Sub 15-Pin VGA type; DVI-D connector |
| Input Frequency | Horizontal: 31-60 kHz; Vertical: 56-75 Hz |
| Power Supply | Type: External Power Adapter; DC output (line) voltage: 12.0V \pm 0.75V; AC input (line) voltage to DC adaptor: 100-240 VAC, 50/60 Hz; Power: 48 W max; Hospital grade power cord for US/CAN; European power cord |
| Temperature | Operating: 0°C to 40°C; Storage: -20°C to 60°C |
| Humidity | Operating: 20-80%; Storage: 5-95% non-condensing |
| Weight (approx., with all options) | Weight with power adapter: 16.13 lbs (8.3 kg) Weight w/o power adapter: 15.3lbs (6.9 kg) Shipping Weight: 22.2 lbs (10.1 kg) |
| Warranty | Monitor: 3 years |
| Backlight lamp life | Minimum 40,000 hours to half brightness |
| MTBF | 50,000 hours demonstrated |
| Agency Approvals | FCC/IC/C-Tick Class B, UL/cUL Medical UL 60601-1(formerly 2601-1)/C22.2 No. 601.1, CE Includes EMC requirements EN/IEC 60601-1-2. |
| Speakers | Two-watt/channel speakers located in display head |
| On-screen Display (OSD) | OSD lockouts for power and user controls |
| User's Controls | OSD control menu: menu, up, down, select, power; OSD controls: contrast, brightness, V-position, H-position, RGB, volume, Sharpness, phase, clock, OSD H-position, OSD V-position, OSD time, auto adjust, OSD language (English, French, German, Spanish, Japanese), input select; OSD disable/enable: power, OSD menu |
| Mounting Options | 75 mm VESA mount; Removable base |

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