



1528L 15" LCD Medical Desktop Touchmonitor

Cost-effective LCD touchmonitor for patient monitoring and critical care

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 acoustical 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
- Simplified worldwide agency approvals
- Three-year standard warranty.

1528L 15" LCD Medical Touchmonitor

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	LCD panel: 350 cd/m ² (typical) with AccuTouch: 287 cd/m ² (typical) with IntelliTouch: 322 cd/m ² (typical)
Response Time	8 ms (typical)
Viewing Angle (typical, from center)	Horizontal (left/right): ±75° or 150° total Vertical (up/down): 75°/50° 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 3 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: min 40,000 hours to half brightness MTBF: 50,000 hours minimum demonstrated
Agency Approvals	FCC/IC/C-Tick Class B, UL/cUL Medical UL 60601-1(formerly 2601-1)/C22.2 No. 601.1, CE Medical Device Directive EN60601-1, Demko Medical EN60601-1, CB Medical IEC 60601-1. 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

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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