

# 1528L 15" LCD Medical Desktop Touchmonitor

Cost-effective LCD touchmonitor for patient monitoring and critical care



## Applications

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

**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 1528L 15" LCD medical desktop touchmonitor is available with the proven popularity of AccuTouch five-wire resistive touch technology, plus 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.

## Benefits

- Developed to meet the needs of patient-centric and critical care professionals
- Elo quality at a competitive price point
- "Designed for touch" from the ground up: 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 Elo's AccuTouch five-wire resistive touch technology
- 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 in the U.S.

## 1528L 15" LCD Medical Touchmonitor

|                              |  |
|------------------------------|--|
| Model                        | 1528L  |
| Case/bezel color             | Dark gray/beige  |
| Display                      | Size: 15" diagonal; type: active matrix TFT LCD; aspect ratio: 4 x 3   |
| Useful screen area           |  |
| Horizontal/vertical          | 11.98" (304 mm)/8.98" (228 mm)   |
| Monitor dimensions           | Width: 13.99" (355 mm)   |
| (max, with tall stand)       | Height (including base): 13.8" (350 mm)<br>Depth (including 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, 8 bit with dithering   |
| Brightness (typical)         |  |
| LCD panel                    | 350 cd/m <sup>2</sup>  |
| LCD panel with touchscreen   | AccuTouch: 287 cd/m <sup>2</sup>   |
| Response time (typical)      | 8 msec (typical)   |
| Viewing angle (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/vertical          | 31-60 kHz/56-75 Hz   |
| Power supply                 | Type: External Power Adapter; DC output (line) voltage: 12.0V ± 0.75V; AC input (line) voltage to DC adaptor: 100-240 VAC, 50/60 Hz; Power: 48 W max   |
| Temperature                  |  |
| Operating/storage            | 0°C to 40°C/-20°C to 60°C  |
| Humidity (noncondensing)     |  |
| Operating/storage            | 20-80%/5-95% non-condensing  |
| Weight (approx.)             |  |
| Actual/shipping              | 16.13 lbs (8.3 kg)/22.2 lbs ( 10.1 kg)   |
| Warranty                     | Monitor: 3 years in the US<br>Backlight lamp life: min 40,000 hours at half brightness<br>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.   |
| 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   |
| Other features               | Touchscreen sealed to bezel; Touchscreen sealed to LCD; Energy save mode (less than 6 watts); 2 stage DPMS; VESA DDC Plug and Play; Security lock receptacle   |

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.

|                               |                      |                            |                                  |                                   |
|-------------------------------|----------------------|----------------------------|----------------------------------|-----------------------------------|
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