



# 1537L 15" LCD Open-Frame Touchmonitor

Space-saving design ideal for kiosk, gaming, and light industrial applications

The Elo 1537L open-frame LCD touchmonitor complements the Elo TouchSystems expanding family of touch solutions for kiosk information systems, gaming and amusement, and light industrial shop-floor automation. This compact touchmonitor is "designed for touch," with proven Elo expertise and reliability built in. An integrated precision mini-bezel seals the touchscreen against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications, allowing future-generation panels to be phased in without external changes.

The 1537L is available with a choice of industry-leading Elo touch technologies: AccuTouch five-wire resistive, APR (acoustic pulse recognition), CarrollTouch infrared, IntelliTouch surface acoustic wave, SecureTouch vandal-resistant surface wave and surface capacitive. A dual serial/USB touch interface is available on most models, with only a USB interface on the APR monitor. Worldwide agency approvals cover the whole monitor, which is developed, built, serviced and supported by a true single-source supplier. The 1537L open-frame LCD touchmonitor provides an economical solution for system integrators and VARs.

#### Benefits

- Elo reliability and quality at an economical price point
- "Designed for touch" from the ground up
- Choice of Elo touch technologies: AccuTouch, APR, CarrollTouch, IntelliTouch, SecureTouch and surface capacitive
- Touchscreen sealed against dirt, dust and liquids
- Compact and easy to integrate with mounting from sides or top and bottom; also a VESA mount option
- Dual serial/USB touch interface on most models;
   APR is USB only
- Worldwide agency approvals
- Three year standard warranty

#### **Applications**

- Kiosk information systems
- Gaming and amusement
- Light industrial shop-floor automation







### 1537L 15" LCD Rear-Mount Touchmonitor Specifications

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Case/Bezel color	Silver minibezel
Display type	Active matrix TFT LCD
Display size	15.0" diagonal
Aspect ratio	4 x 3
Useful screen area	Horizontal: 12" (304 mm); Vertical: 9" (228 mm)
Monitor dimensions	Width: 13.2" (336 mm) Height: 10.4" (264 mm) Depth: 1.6" (41 mm)
Dimensional drawing number	MS600159
Optimal (native) resolution	1024 x 768
Other supported resolutions	1024 x 768 at 60, 65 (Sun), 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 (Mac), 72, or 75 Hz
Colors	16.2 million colors with dithering
Brightness (typical)	LCD panel: 250 cd/m <sup>2</sup>
LCD panel with touchscreen (typical)	AccuTouch: 200 cd/m² Acoustic Pulse Recognition: 230 cd/m² CarrollTouch: 230 cd/m² Surface Capacitive: 213 cd/m²
Response time	14.5 msec (typical)
Viewing angle (from center)	Horizontal (left / right): 140° total; Vertical (up /down): 115° total
Contrast ratio (typical)	500:1
Input video format	RGB analog
Input sync format	Separate H & V sync, composite sync, and sync-on-green
Input video signal connector	Mini D-Sub 15-Pin VGA type
Scanning frequency	Horizontal: 31.5 - 60.2 kHz; Vertical: 56.3 - 75 Hz
Power supply	External DC—optional power brick (sold separately)
	Input voltage—DC: +12VDC ±5% at 2.5 A max.
	Input power connector specification (on monitor)—Type: DC Barrel Jack; Barrel inner diameter: 6.4 mm (±0.3 mm); Pin outer diameter: 2.0 mm (+0.0 -0.1 mm); Barrel depth: 8.8 mm (±0.3 mm)
	Power connector (on power brick)—Type: DC Barrel Plug; Barrel outer diameter: 5.5 mm (±0.1 mm); Pin inner diameter: 2.1 mm (±0.1 mm); Barrel length: 9.5 mm (±0.5 mm)
Power consumption (typical)	30W
Power dissipation	30 W max.
Temperature	Operating: 0°C to 40°C; Storage: -20°C to 60°C
Humidity	Operating: 20% to 80% (non-condensing); Storage: 10% to 90% (non-condensing)
Backlight lamp life	Typical 30,000 hours to half brightness
Monitor MTBF (excluding lamps)	50,000 hours demonstrated
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Weight (approx.)	Actual: 6.6 lbs (3.0 kg); Shipping: 9.7 lbs (4.4 kg)
Weight (approx.) Warranty	Actual: 6.6 lbs (3.0 kg); Shipping: 9.7 lbs (4.4 kg) Touchmonitor: 3 years in U.S.
Warranty User's controls	
Warranty	Touchmonitor: 3 years in U.S.  OSD buttons: menu, up, down, select, power; OSD: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, language (English, German, Spanish, Japanese,

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

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