



# 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

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/m <sup>2</sup> Acoustic Pulse Recognition: 230 cd/m <sup>2</sup> CarrollTouch: 230 cd/m <sup>2</sup> Surface Capacitive: 213 cd/m <sup>2</sup>
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
Weight (approx.)	Actual: 6.6 lbs (3.0 kg); Shipping: 9.7 lbs (4.4 kg)
Warranty	Touchmonitor: 3 years in U.S.
User's controls	OSD buttons: menu, up, down, select, power; OSD: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, language (English, German, Spanish, Japanese, French); OSD disable/enable: power, OSD menu
Mounting options	100 mm or 75 mm VESA mount; open-frame with brackets; mounting brackets included
Agency Certification	UL, cUL, FCC, CE, TÜV-GS, VCCI, IC, C-Tick

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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