

1537L 15" LCD Rear-Mount Touchmonitor

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



Elo's 1537L rear-mount LCD touchmonitor is designed and developed to complement the company's 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 Elo's proven expertise and reliability already built in from the ground up and not added as an afterthought by altering an existing monitor. An integrated precision minibezel seals the touchscreen against dirt, dust and liquids, simplifying integration into the customer's enclosure. A long-lasting product cycle can be expected as Elo controls the design and tooling, so future-generation panels can be phased-in without external changes.

The 1537L rear-mount LCD touchmonitor is available with a choice of Elo's IntelliTouch surface wave, AccuTouch five-wire resistive or surface capacitive touch technologies, plus a dual serial/USB touch interface. Worldwide agency approvals cover the whole monitor, which is designed, built, serviced and supported by Elo, a single-source supplier. The 1537L rear-mount LCD touchmonitor provides a truly economical solution for system integrators and VARs.

Applications

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

Benefits

- Entry-level monitor with Elo reliability and quality at an economical price point
- "Designed for touch" from the ground up
- Choice of Elo's IntelliTouch, AccuTouch or surface capacitive touch technologies
- Touchscreen sealed against dirt, dust and liquids
- Compact and easy to integrate with mounting from sides or top and bottom; plus VESA mount option
- Dual serial and USB touch interface
- Worldwide agency approvals
- Three-year standard warranty in the U.S.

1537L 15" LCD Rear-Mount Touchmonitor

Case/Bezel color	Black 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" (336mm) Height: 10.4" (264mm) Depth: 1.6" (41mm)
Dimensional drawing number	MS500580
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 ²
LCD panel with touchscreen (typical)	IntelliTouch: 230 cd/m ² ; AccuTouch: 205 cd/m ² ; surface capacitive: 212 cd/m ² ; CarrollTouch: 230 cd/m ²
Response time	Trise = 5 msec; Tfall = 12 msec; Total = 17 msec
Viewing angle (from center)	Horizontal (left / right): ±60° or 120° total; Vertical (up /down): 40°/ 60° or 100° total
Contrast ratio (typical)	400:1
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 dissipation	30 W max.
Power supply	Type: external brick; Input (line) voltage: 100-240 VAC, 50/60Hz; Monitor input voltage, current: +12VDC +/- 5% at 2.5A maximum
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; Rear mount through bezel or with brackets; Mounting brackets included
Agency Certification	UL, cUL, FCC, CE, TÜV-GS, VCCI, IC, C-Tick

Find out more about Elo's extensive range of touch solutions. Go to www.elotouch.com, or simply call the office nearest you.

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