

- “Designed for touch” with proven Elo expertise and reliability
- Mounting options including rear-mount (with two included mounting brackets) and VESA mount
- 3 year warranty



1937L 19” LCD Open-Frame Touchmonitor

The 1937L open-frame touchmonitor delivers a cost-effective touch solution for OEMs and systems integrators, and complements the expanded family of Elo touch solutions for gaming and amusement, retail self-service and kiosk applications. This compact touchmonitor is “designed for touch,” with proven expertise and reliability built-in, not added as an afterthought by altering an existing monitor.

Like all Elo open-frame touchmonitors, the specifications and tooling are controlled to ensure a long product life, which is important in maintaining continuity for all phases of project rollouts and servicing. The 1937L features an injection-molded bezel with a virtually invisible watertight seal, thus making it a good choice to withstand the rigors of public use. Narrow borders, black anodized bezel hardware, multiple mounting options, and dual serial/USB touch interface add to the touchmonitor's flexibility.

Worldwide agency approvals cover the entire monitor that is developed, built and supported by Elo Touch Solutions, a true single-source supplier.

The 1937L is available with a choice of one of Elo's industry leading touch technologies: AccuTouch 5-wire resistive or IntelliTouch surface acoustic wave. The comprehensive range of features includes an analog interface, multi-lingual on-screen display (OSD), mounting VESA standard, mounting brackets, cabled remote on-screen display (OSD), and worldwide compliance.



Benefits:

- High quality panel with 160° x 160° viewing angle
- 1000:1 contrast ratio
- Long-lasting product cycle—enclosure controlled by Elo specifications
- Future generation panels phased-in without external changes
- Integrated precision mini-bezel with watertight 0.5 mm seal
- AccuTouch 5-wire resistive and IntelliTouch touch technologies with dual serial/USB touch interfaces
- Integrated multilingual on-screen display (OSD), connector for optional remote on-screen display (OSD)
- Worldwide agency approvals
- 3D electronic design files available

Applications:

- Casino and amusement games
- Kiosks
- Retail self-service

About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

1937L 19" LCD Open-Frame Touchmonitor Specifications

Case/Bezel color	Steel/black
Display	Size: 19.0" diagonal; Type: Active matrix TFT LCD; Aspect ratio: 5 x 4
Useful screen area	Horizontal: 14.8" (376mm); Vertical 11.9" (301mm)
Monitor dimensions	Width: 16.3" (415mm); Height: 13.5" (343mm); Depth: 2.0" (51mm)
Optimal (native) resolution	1280 x 1024
Other supported resolutions	512 x 247 @ 60Hz; 512 x 248 @ 60Hz; 640 x 350 @ 70Hz; 640 x 480 @ 60, 61, 66, 72, 75 Hz 720 x 400 @ 70Hz; 800 x 600 @ 56, 60, 72, 75Hz; 832 x 624 @ 75Hz; 1024 x 768 @ 60, 65, 70, 75Hz; 1152 x 864 @ 75Hz; 1280 x 1024 @ 60, 75Hz
Colors	16.7 million colors
Brightness (typical)	LCD panel: 250 nits; with AccuTouch: 200 nits; with IntelliTouch: 225 nits
Response time (typical)	5 msec
Viewing angle (typical)	Horizontal: 170° total; Vertical: 160° total
Contrast ratio (typical)	1000:1
Input video format	Analog VGA
Input video signal connector	Mini D-Sub 15-Pin VGA type
Input frequency	Horizontal: 31.5-80.0 kHz; Vertical: 56.3-75 Hz
Power supply	External DC—optional power brick (sold separately) Input voltage—DC: +12VDC ±5% Input power connector specification (monitor)—Type: DC Barrel Jack; Barrel inner diameter: 6.4mm (±0.3mm); Pin outer diameter: 2.0mm (+0.0 -0.1mm); Barrel depth: 8.8mm (±0.3mm) Power connector (power brick)—Type: DC Barrel Plug; Barrel outer diameter: 5.5mm (±0.1mm); Pin inner diameter: 2.1mm (±0.1mm); Barrel length: 9.5mm (±0.5mm)
Power consumption (typical)	Monitor: 38W; Monitor and power brick: 43W
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)
Humidity (non-condensing)	Operating: 20%-80%; Storage: 10%-90%
Weight	Actual: 5.2kg (11.5 lbs); Shipping: 7.3kg (16.1 lbs)
Shipping box dimensions (W x D x H)	20.28" (515mm) x 17.72" (450mm) x 6.89" (175mm)
Warranty	Touchmonitor: 3 years
Mean time between failures (MTBF)	30,000 hours demonstrated
Agency approvals	UL, cUL (Recognized) , TUV Bauart Mark, Argentina S, CE, FCC, VCCI, IC, C-TICK (Class B), NOM, BSMI, KCC, CCC, China RoHS
On-screen display (OSD)	Controls (optional remote with 1.8m cable): Auto/Sel, up, down, menu Controls (back): menu, left, right, select, power Settings: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall Languages: English, German, Spanish, Japanese, French Lockouts: power, user controls
Mounting options	75mm or 100mm VESA mount; Rear mount or with included standard mounting brackets; Front mount with optional bezel; Rack mount with optional bracket
Sealing	Touchscreen sealed to bezel; Touchscreen sealed to LCD

Ordering Information

Model	Part Number	Technology	Interface	Surface Treatment	Availability
1937L	E679610	AccuTouch	Dual serial/USB	Antiglare	Worldwide
	E409218	IntelliTouch Plus	USB	Clear	Worldwide
	E896339	IntelliTouch	Dual serial/USB	Clear	Worldwide

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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