elo TOUCH SOLUTIONS

PRODUCT OVERVIEW

- "Designed for Touch" with proven Elo expertise and reliability
- Edge to edge glass design options for a sleek look and easy cleaning
- Energy-saving LED panel
- 3 year warranty

1937L & 1930L 19-inch Open-Frame Touchmonitors

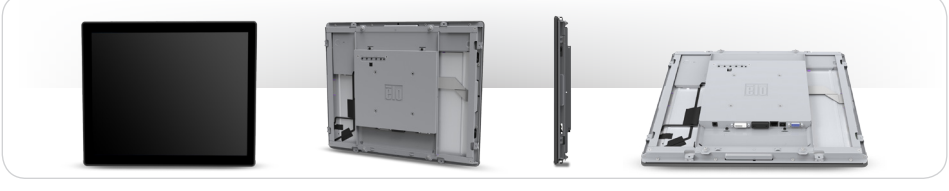
The Elo Touch Solutions 1937L and 1930L 19" LCD open-frame touchmonitors deliver cost-effective touch solutions for OEM's and systems integrators, and complement the large family of Elo touch solutions for applications in the retail self-service and gaming/amusement markets. These compact touchmonitors are "designed for touch" with proven Elo expertise and reliability built in, not added later by altering an existing monitor.

Because the enclosure is controlled by specifications and tooling, Elo open-frame touchmonitors have a history of product availability — important for continuity through all phases of project rollouts and when servicing.

The 1930L in a zero-bezel glass-to-edge design is available with IntelliTouch® Zero-Bezel / iTouch® surface acoustic wave in both single-touch and dual-touch versions, and with IntelliTouch Pro projected capacitive multi-touch technology.

The 1937L features an injection-molded bezel with a virtually invisible watertight seal, narrow borders and comes with IntelliTouch and IntelliTouch Plus surface acoustic wave as well as AccuTouch resistive touch technology options.

Worldwide agency approvals, as set forth on the back side of the spec sheet, cover the entire monitor that is designed, built and supported by a true single source supplier.



Features

- High quality energy-saving LED panel and clear glass optical clarity
- Compact form factor that easily integrates in state-of-the-art cabinet designs
- Choice of touch technology:
  - Standard bezel options: IntelliTouch and IntelliTouch Plus surface wave and AccuTouch resistive
  - Zero-bezel options: IntelliTouch Zero-Bezel / iTouch surface acoustic wave, or IntelliTouch Pro projected capacitive multi-touch
- IntelliTouch Pro projected capacitive passes impact testing to IK05 rating

Applications

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

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.

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1937L and 1930L Open-Frame Touchmonitors

Specifications		
Case/Bezel color	Steel/black	
Active Display Area	376 x 301 mm / 14.8 x 11.8 inches	
Dimensions	**1937L:** 415 x 343 x 51 mm / 16.3 x 13.5 x 2 inches	**1930L:** 420 x 348 x 42 mm / 16.5 x 13.7 x 1.65 inches
LCD Technology	Active matrix TFT LCD with LED backlight	
Diagonal Size	19"	
Aspect Ratio	5:4	
Native Resolution	1280x1024	
Preset Video Timings	512x247 60Hz; 512x256 60Hz; 640x350 70Hz; 640x480 60, 61, 66, 72, 75Hz; 720x400 70Hz; 800x600 56, 60, 72, 75Hz; 832x624 75Hz; 1024x768 60, 65, 70, 75Hz; 1152x864 75Hz; 1280x960 60Hz; 1280x1024 60, 75Hz	
Number of Colors	16.7 million	
Brightness (typical)	**1937L:** LCD Panel: 250 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits; IntelliTouch Plus: 225 nits	**1930L:** LCD Panel: 250 nits; IntelliTouch ZB / iTouch: 225 nits; IntelliTouch ZB / iTouch Plus: 225 nits; IntelliTouch Pro projected capacitive: 225 nits
Response Time (Tr+tf) (typical)	5ms	
Viewing Angle (typical)	Horizontal: 170 °; Vertical: 160°	
Contrast Ratio (typical)	1000:1	
On-Screen Display (OSD)	Accessible through switches on unit or the OSD Remote accessory. **Controls:** Menu, Down, Up, Select **Settings:** Brightness, Contrast, Clock, Phase, H-position, Vposition, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, Recall Defaults, Video Source **Languages:** English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese **Lockouts:** OSD, Power	
Input Video Format	**1937L:** Analog VGA Mini D-Sub 15-Pin VGA type	**1930L:** Analog VGA on Female DE-15 connector, Digital DVI on Female DVI-D, Dual-Link connector
Input Frequency	Input Video Horizontal Sync frequency range: 31.5 – 80KHz Input Video Vertical Sync (frame rate) frequency range: 56 – 75Hz	
Power	**Monitor input power connector:** Coaxial power jack (2.1mm pin outer diameter, 6.4mm barrel inner diameter) **Monitor input power signal specifications:** 12VDC +/- 5% **Adapter input connector:** IEC 60320 C14, Adapter input voltage range: 100-240VAC, 50/60Hz **Note: AC-DC power adapter sold separately.**	
Power Consumption (typical)	ON (monitor + AC/DC adapter) 23W	
Weight	**1937L:** Unpackaged: 5.2 kg (11.5 lb); Packaged: 7.3 kg (16.1 lb)	**1930L:** Unpackaged: 4 kg (8.8 lb); Packaged: 6.3 kg (13.9 lb)
Shipping Dimensions	500 x 450 x 155 mm / 19.7 x 17.7 x 6.1 inches	
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% to 80%; Storage: 10% to 90%	
Mounting Options	**1937L:** 75mm or 100mm VESA mount; Rear mount or with included standard mounting brackets; Front mount with optional bezel; Rack mount with optional bracket	**1930L:** 100 mm x 100 mm VESA 4-hole mounting interface on rear of unit. Flush mounting brackets included with unit.
Agency Approvals	**1937L:** Australia RCM, Canada CUL, IC, China CCC, Europe CE, TUV Bauart Mark, Japan VCCI, Korea KCC, e-Standby; Mexico CoC, Taiwan BSMI, United States UL, FCC, International CB, RoHS, China RoHS, WEEE	**1930L:** Australia RCM; Canada CUL, IC; China CCC; Europe CE; Japan VCCI; Korea KCC, e-Standby; Mexico CoC; Taiwan BSMI; United States UL, FCC; International CB; RoHS, China RoHS, WEEE
Warranty	3 years standard	
MTBF	50,000 hours demonstrated	

Ordering Information

Model	Part Number	Technology	Interface	Bezel	Surface Treatment	Availability
1937L	E679610	AccuTouch	USB/Serial	Yes	Antiglare	Worldwide
	E896339	IntelliTouch	USB/Serial	Yes	Clear	Worldwide
	E409218	IntelliTouch Plus	USB	Yes	Clear	Worldwide
1930L	E000859	IntelliTouch Pro projected capacitive	USB	No	Clear	Worldwide
	E000860	IntelliTouch Zero-Bezel/ iTouch Plus	USB	No	Clear	Worldwide
	E001110	IntelliTouch Zero-Bezel/ iTouch	USB/Serial	No	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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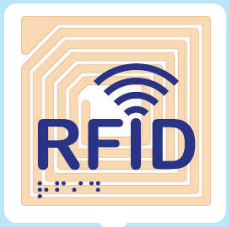

RFID

Consumables
(labels, ribbons, PVC cards)

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