

- “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



1939L & 1931L 19-inch Open-Frame Touchmonitors

The Elo Touch Solutions 1939L and 1931L 19" LCD open-frame touchmonitors deliver high performing 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 1931L 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 1939L features an injection-molded bezel with a virtually invisible watertight seal, narrow borders and comes with IntelliTouch single touch, IntelliTouch Plus dual touch and SecureTouch anti-vandal 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 with 178° x 178° viewing angle
- Compact form factor that easily integrates in state-of-the-art cabinet designs
- Choice of touch technology:
 - Standard bezel options: IntelliTouch, IntelliTouch Plus and SecureTouch surface acoustic 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

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.

1939L and 1931L Open-Frame Touchmonitors

Specifications		
Case/Bezel color	Steel/black	
Active Display Area	376 x 301 mm / 14.8 x 11.8 inches	
Dimensions	1939L: 415 x 343 x 51 mm / 16.3 x 13.5 x 2 inches	1931L: 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)	1939L: LCD Panel: 250 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits; IntelliTouch Plus: 225 nits; SecureTouch: 225 nits	1931L: 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)	14 ms	
Viewing Angle (typical)	Horizontal: 178 °; Vertical: 178°	
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	1939L: Analog VGA Mini D-Sub 15-Pin VGA type	1931L: 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): 30W	
Weight	1939L: Unpackaged: 5.2 kg (11.5 lb); Packaged: 7.3 kg (16.1 lb)	1931L: Unpackaged: 4.3 kg (9.5 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	1939L: 75mm or 100mm VESA mount; Rear mount or with included standard mounting brackets; Front mount with optional bezel; Rack mount with optional bracket	1931L: 100 mm x 100 mm VESA 4-hole mounting interface on rear of unit. Flush mounting brackets included with unit.
Agency Approvals	1939L: Australia RCM, Canada CUL, IC, China CCC, Europe CE, TÜV T-Mark, Japan VCCI, Korea KCC, e-Standby; Mexico CoC, Taiwan BSMI, United States UL, FCC, International CB, RoHS, China RoHS, WEEE	1931L: 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	

Ordering Information

Model	Part Number	Technology	Interface	Bezel	Surface Treatment	Availability
1939L	E945445	AccuTouch	USB/Serial	Yes	Antiglare	Worldwide
	E215546	IntelliTouch	USB/Serial	Yes	Antiglare	Worldwide
	E248997	IntelliTouch Plus	USB	Yes	Clear	Worldwide
	E779866	SecureTouch	USB/Serial	Yes	Antiglare	Worldwide
1931L	E000391	IntelliTouch Pro projected capacitive	USB	No	Clear	Worldwide
	E000394	IntelliTouch Zero-Bezel / iTouch Plus	USB	No	Clear	Worldwide
	E001111	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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