

- “Designed for touch” with proven Elo expertise and reliability
- Mounting options including rear-mount and VESA mount
- 3 year warranty



## 1739L LCD 17" Open-Frame Touchmonitor

Elo's 1739L 17" LCD rear-mount touchmonitor delivers a cost-effective touch solution for OEM's and systems integrators, and complements Elo's expanding family of touch solutions for applications in the retail self-service and gaming/amusement markets. This compact touchmonitor is “designed for touch” from the ground up, with Elo's proven expertise and reliability built in, and not added as an afterthought by altering an existing monitor.

The 1739L features a brilliant wide viewing angle panel to instantly grab and hold the users' attention, whether they are checking out retail goods with a self-service kiosk or playing games in a casino or arcade. Because the enclosure is controlled by

Elo's specifications and tooling, Elo's rear-mount monitors have a long-lasting product cycle— important for continuity through all phases of project rollouts and when servicing. It also features a unique, injection-molded minibezel with virtually invisible watertight seal, making it ideal for the rigors of public use.

Narrow borders, multiple mounting options, and a dual serial/USB touch interface add to the versatility of the 1739L. Worldwide agency approvals, as set forth on the back side of this datasheet, cover the entire monitor that is designed, built and supported by Elo, a true single source supplier.

## PRODUCT OVERVIEW

### Benefits

- Long lasting product cycle-enclosure controlled by Elo specifications
- 800:1 contrast ratio, and 300-nit brightness (LCD panel)
- High quality panel with 160° x 160° viewing angle
- Future generation panels phased-in without external changes
- Integrated precision minibezel with watertight 0.5 mm seal
- IntelliTouch Surface Wave, SecureTouch vandalresistant Surface Wave, CarrollTouch Infrared touch technology with dual serial/USB touch interface
- Optional front mount and rack mount bezels
- Multilingual on-screen display (OSD)
- Worldwide agency approvals
- 3-D electronic design files available
- Fully RoHS compliant

### Applications

- Casino and amusement games
- Retail self-service brightness

### 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.



## 1739L 17" LCD Rear-Mount Touchmonitor Specifications

Case/Bezel Color	Steel/black
Display	Size: 17.0" diagonal Type: Active matrix TFT LCD Aspect ratio: 5 x 4
Useful Screen Area	Horizontal: 13.3" (338 mm); Vertical: 10.6" (270 mm)
Monitor Dimensions	Width: 14.5" (368 mm) Height: 12.0" (306 mm) Depth: 1.9" (49 mm)
Optimal (native) Resolution	1280 x 1024
Colors	16.7 million
Brightness	LCD panel: 300 cd/m2 (typical); with AccuTouch: 246 cd/m2 (typical); with CarrollTouch: 276 cd/m2 (typical); with IntelliTouch: 276 cd/m2 (typical); with SecureTouch: 273 cd/m2 (typical)
Response Time	30 msec (typical)
Viewing Angle (typical, from center)	Horizontal (left/right): $\pm 80^\circ$ or $160^\circ$ total Vertical (up/down): $\pm 80^\circ$ or $160^\circ$ total
Contrast Ratio	800:1 typical
Input Video Format	RGB analog only
Input Sync Format	Separate horizontal and vertical sync, composite sync and sync-on-green
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 $\pm 5\%$ at 2.5 A max. Input power connector specification (on monitor)—Type: DC Barrel Jack; Barrel inner diameter: 6.4 mm ( $\pm 0.3$ mm); Pin outer diameter: 2.0 mm (+0.0 -0.1 mm); Barrel depth: 8.8 mm ( $\pm 0.3$ mm) Power connector (on power brick)—Type: DC Barrel Plug; Barrel outer diameter: 5.5 mm ( $\pm 0.1$ mm); Pin inner diameter: 2.1 mm ( $\pm 0.1$ mm); Barrel length: 9.5 mm ( $\pm 0.5$ mm)
Power consumption (typical)	30W
Power Dissipation	Monitor only: 30 W typical, 36 W max. Monitor and power brick: 33 W typical, 40 W max
Temperature	Operating: $0^\circ\text{C}$ to $40^\circ\text{C}$ ; Storage: $-20^\circ\text{C}$ to $60^\circ\text{C}$
Humidity (noncondensing)	Operating: 20%-80%; Storage: 10%-90
Weight (approx.)	Actual: 8.8 lb (4.0 kg); Shipping: 11.5 lb (5.2 kg)
Warranty	Monitor: 3 years Backlight lamp life: typical 50,000 hours to half brightness MTBF: 50,000 hours demonstrated
Agency Approvals	UL, cUL, SEMKO, CB, CE/FCC/VCCI/C-Tick (Class B) On-screen display (OSD): Digital OSD or optional remote OSD with 1.8 m cable
User's Controls	Optional remote OSD: Auto/Sel, up, down, menu OSD buttons: menu, left, right, 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	75 mm or 100 mm VESA mount Rear mount includes standard mounting brackets Front mount with optional bezel (see Accessories for details) Rack mount with optional bracket (see Accessories for details)
Other Features	Fully RoHS compliant; patent pending bezel seal; patented touch technology
Other Supported Resolutions	See <a href="http://www.elotouch.com">www.elotouch.com</a> for additional supported resolutions

## Ordering Information

Model	Part Number	Technology	Interface	Surface Treatment	Availability
1739L	E607940	AccuTouch	Dual serial/USB	Antiglare	Worldwide
	E964551	CarrollTouch	Dual Serial/USB	Antiglare	Worldwide
	E012584	IntelliTouch	Dual serial/USB	Antiglare	Worldwide
	E734455	SecureTouch	Dual serial/USB	Antiglare	Worldwide

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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