tyco / *Electronics*

elo TOUCHSYSTEMS

1739L 17" LCD Rear-mount Touchmonitor

High quality panel and surface wave touch technology combined in a compact form factor

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 3000 series 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. The 1739L uses clear glass IntelliTouch surface wave technology for the utmost in optical quality, durability, and drift-free stability. 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 the spec sheet, cover the entire monitor that is designed, built and supported by Elo, a true single source supplier.

Applications
- Casino and amusement games
- Information kiosks
- Self-service
- Industrial process control

Benefits
- Bright, high contrast display with wide viewing angle to attract and hold users' attention
- Elo's pure glass IntelliTouch surface wave technology for excellent optics, durability, and long-term reliability
- "Designed for touch" from the ground up: includes Elo's patented protective minibezel for sealing against liquids
- Slim and compact outer dimensions
- Long lasting product cycle—enclosure controlled by Elo specifications
- Multiple mounting options
- Dual serial and USB connectivity
- Worldwide agency approvals
- Three-year standard warranty
- Designed, built, and supported by Elo

1739L 17" LCD Rear-Mount Touchmonitor Specifications

Model	1739L
Case/bezel color	Steel/black
Display type	Active matrix TFT LCD
Display size	17.0″ diagonal
Useful screen area	
Horizontal/vertical	13.3″ (338 mm)/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
Other supported resolutions	1280 x 1024 60, 70, 75 Hz; 1280 x 960 60 Hz; 1152 x 864 75 Hz; 1024 x 768 60, 70, 75 Hz; 1024 x 768 65 Hz (Sun); 832 x 624 75 Hz (Mac); 800 x 600 56, 60, 72, 75 Hz; 720 x 400 70 Hz; 720 x 350 70 Hz; 640 x 480 60, 72, 75 Hz; 640 x 480 66 Hz (Mac)
Colors	16.7 million colors
Brightness (typical)	
LCD panel	280 cd/m^2
LCD panel with IntelliTouch	257 cd/m^2
LCD panel with surface capacitive	238 cd/m^2
LCD panel with CarrollTouch	257 cd/m^2
Response time (typical)	
Rise/fall	15 msec/10 msec
Viewing angle (typical at CR>10)	
Horizontal (left/right)	89°/89°
Vertical (up/down)	89°/89°
Contrast ratio	1500:1
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/vertical	31.5 - 80.0 kHz/56.3 - 75 Hz
Power dissipation	
Monitor only	36 W (max.)
Monitor and power brick	40 W (max.)
Power supply	External AC to DC power brick is provided
Input voltage requirement	
Monitor input	+12VDC +/- 5%, 2.5A typical, 3.0A maximum
AC to DC power brick input	100-240 VAC, 50/60Hz
Temperature	
Operating/storage	0°C to 40°C/-20°C to 60°C
Humidity (noncondensing)	
Operating/storage	20% to 80%/10% to 90%
Mean time between failures (MTBF)	50,000 hours demonstrated
Backlight lamp life (typical)	50,000 hours to half brightness
Weight (approx.)	
Actual/shipping	4.0 kg (8.8 lbs)/5.2 kg (11.5 lbs)
Other features	Digital on-screen display (OSD); Fully RoHS Compliant; Patent pending bezel seal and patented touch technology
Mounting options	75 mm and 100 mm VESA mounting; rear mount with or without bezel, mounting brackets (included)
User's controls	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 and power disable/enable
Warranty	Touchmonitor: 3 years
Touch interface	Serial and USB
Agency certifications	UL, cUL, SEMKO, CB, TÜV-T, CE/FCC/VCCI/IC/C-TICK (Class B)

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