

# 1229L Desktop 12" LCD Multifunction Touchmonitor

**BENEFITS:**

- Integrated peripherals in a compact design
- Easy and efficient installation - reduced cables and power bricks
- Choice of Elo touch technologies for exceptional display quality
- Broadest range of input options - works with any stylus

**APPLICATIONS:**

- Retail
- Hospitality
- Medical
- Gaming



**The 1229L** is a continuation of Elo's commitment to increased value in new products. Elo has taken its industry leading monitor design, which is unbeatable in performance, reliability, and durability, and accessorized it. The new 1229L includes options for an magnetic stripe reader (MSR), a rear-facing customer display, and a biometric fingerprint recognition device. These options are integrated ergonomically into the housing and designed to flow with the elegant styling of the monitor. The three-track magnetic stripe reader is the perfect choice for applications that require the use of loyalty cards, ID cards and credit-card transactions. The rear-facing display gives the customer immediate visual confirmation of the transaction. And the biometric fingerprint-recognition device provides unparalleled security for employee log-in and all types of system access. Elo's design has reduced the number of power and communication cables and power bricks by incorporating the connectivity inside the monitor. The 1229L allows for a quick and easy installation while providing full functionality in a space-saving design. The 1229L is available with a choice of Elo touch technologies: IntelliTouch surface-wave, CarrollTouch infrared and AccuTouch five-wire resistive. Touch input can be activated by the broadest range of styli, including finger, fingernail, gloved hand, and credit card; there is no stylus material limitation. The 1229L touchmonitor is fully configurable for a variety of applications in the retail, hospitality, medical, and gaming markets, where its compact design efficiently saves valuable work space.



TOUCHMONITOR	
Case/Bezel color	Dark gray
Useful screen area	Horizontal 9.69" (246 mm); Vertical 7.27" (184.5 mm)
Monitor dimensions	Width 13.9" (353 mm); Height 11.6" (295 mm); Depth 11.8" (300 mm)
Dimensional drawing number	MS500407 (available at <a href="http://www.elotouch.com">www.elotouch.com</a> )
Optimal (native) resolution	800 x 600
Other supported resolutions	800 x 600 at 56, 60, 72, 75 Hz; 720 x 400 at 70 Hz; 640 x 480 at 60, 72, 75 Hz; 640 x 480 at 66 Hz (Mac)
Colors	16 million colors with dithering
Brightness	LCD panel 300 cd/m <sup>2</sup>
LCD panel with touchscreen	AccuTouch: 246 cd/m <sup>2</sup> ; IntelliTouch 276 cd/m <sup>2</sup> ; CarrollTouch 276 cd/m <sup>2</sup>
Response time	Tr: 10 msec (typical); Tf: 30 msec (typical)
Viewing angle (from center)	Horizontal (left/right) 60° looking left typical at CR=10; 60° looking right typical at CR=10 Vertical (up/down) +40° looking down typical at a CR=10; -50° looking up typical at a CR=10
Contrast ratio	300:1
Input video format	RGB Analog
Input video signal connector	Mini D-Sub 15-Pin VGA type
Input frequency	Horizontal 31.5–50 kHz; Vertical 56.3–85 Hz
Power supply	External brick; 100–240 VAC, 50–60 Hz; 12 volts at 4.0 A max.
Temperature	Operating 0°C to 40°C; Storage -20°C to 60°C
Humidity	Operating 20% to 80%; Storage 5% to 95%; noncondensing
Weight (approx.)	Actual: 11.9 lb (5.4 kg); Shipping: 19.8 lb (9 kg)
Backlight lamp life	Minimum 50,000 hours to half brightness
Warranty monitor	3 years
Warranty touch technology	AccuTouch: 5 years; IntelliTouch: 10 years; CarrollTouch: 5 years
Touch interface	USB or Serial
Agency approvals	UL/cUL (*recognized component), FCC, TÜV-GS, CE, VCCI, C-Tick
Speakers	Two watt/channel speakers located in display head
On-screen display (OSD)	OSD lockouts for power and user controls
User's controls	OSD control menu: Auto/Sel, up, down, menu; OSD controls: contrast, brightness, V-position, H-position, recall defaults RCG, volume, YUV, phase, clock, OSD H-position, OSD V-position, OSD Time, auto adjust, OSD language (English, French, German, Spanish, Japanese), resolution; OSD disable/enable: power, OSD menu
Mounting options	75 mm VESA mount; removable base; optional stability plate
Other features	Energy save mode (less than 2 watts); 2 stage DPMS; VESA DDC Plug & Play
MAGNETIC STRIPE READER	
Tracks	3
Message format	ASCII
Card speed	3 to 50 inch/sec (7.6 to 127 cm/sec)
Interface (available in 3 versions)	USB with human interface driver (HID) class specification 1.1 USB with keyboard emulation Serial, which supports OPOS (OPOS standard is only supported in serial)
CUSTOMER DISPLAY	
Type	Vacuum Fluorescent Display (VFD), 2 rows, 20 characters/row
Characters	5 x 7 dot matrix configuration, 9.5 mm height, 6.2 mm width
Format/Color	ASCII, blue-green
Interface	USB or Serial
FINGERPRINT READER	
Type	Optical
Verifying time	<1 sec
Sensing prism hardness	7 Mohs
Resolution	356 x 292 pixels
Image speed	Capture: 600 ms/frame; Transfer: 500 bytes/ms
Image capture error rate	<0.1%
Interface	USB