



1229L 12" LCD Multifunction Touchmonitor

The 1229L 12" LCD multifunction touchmonitor 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. 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 touchmonitor is fully configurable for a variety of applications where its compact design saves valuable work space.

Features

- Higher brightness, better contrast, and wider viewing angle than most 12" LCDs
- "Designed for touch" features such as a stable tilt base
- Available with AccuTouch Five-Wire Resistive Technology (activated with fingernails, gloves, credit cards, or any stylus) or, for the ultimate in optics, IntelliTouch Surface-Wave Technology, Surface Capacitive Technology or CarrollTouch Infrared Technology
- Optional ergonomic 3 stripe MSR available in three

versions: USB with keyboard emulation; USB with human interface device (HID) class specification 1.1; and serial, which supports OPOS. OPOS is only supported in serial version

- Optional rear-facing customer display
- Optional biometric fingerprint recognition device
- Integrated USB hub with two available USB connections. Also allows a single USB cable to carry the touch signal, MSR and fingerprint data, and output to the customer display. The serial version has cables/external connectors to carry the touch and MSR data.
- Single power supply for all optional devices
- Built-in speakers located in display head
- Multilingual on-screen display (OSD) with extras including speaker volume, treble, bass, and balance
- Mounting holes on base bottom for tabletop security
- Controls on the side rather than the front, plus lockout function for public use
- Sealed touchscreen; CarrollTouch version features a seamless watertight seal due to its unique co-molded construction
- Diagnostic LEDs for touch and video

Applications

- Retail
- Hospitality
- Medical
- Gaming



Our commitment. Your advantage.

1229L 12" LCD Multifunction Touchmonitor Specifications



TOUCHMONITOR

Case/bezel Color	Dark gray
Display	Size: 12.1" diagonal Type: Active matrix TFT LCD Aspect ratio: 4 x 3
Useful screen area	Horizontal: 9.69" (246 mm) Vertical: 7.27" (184.5 mm)
Monitor dimensions	Width: 13.9" (353 mm) Height (inc. base): 11.6" (295 mm) Depth (inc. base): 11.8" (300 mm) Dimensions vary with stand position and options selected
Optimal (native) resolution	800 x 600
Other supported resolutions	800 x 600 at 56, 60, 72 or 75 Hz; 720 x 400 at 70 Hz; 640 x 480 at 60, 66 Hz (Mac), 72 or 75 Hz
Colors	16.2 million with dithering
Brightness	LCD panel: 350 cd/m ² (typical) with AccuTouch: 287 cd/m ² (typical) with CarrollTouch: 322 cd/m ² (typical) with IntelliTouch: 322 cd/m ² (typical) with surface capacitive: 294 cd/m ² (typical)
Response time	45 msec (typical)
Viewing angle (typical, from center)	Horizontal (left/right): ±65° or 130° total Vertical (up/down): 50°/45° or 95° total
Contrast ratio	450:1
Input video format	RGB analog
Input video signal connector	Mini D-Sub 15-Pin VGA type
Input frequency	Horizontal: 31.5-48 kHz Vertical: 56.3-75 Hz
Power drawn	Monitor: 20 W typical, 25 W max. VFD customer display: 3 W typical, 6 W max. USB fingerprint reader: 0.5 W typical, 1 W max. USB magnetic stripe reader: 0.5 W typical, 1 W max. 2 USB external ports power when loaded: 5 W typical, 7 W max. Total with all possible accessories: 29 W typical, 40 W max.
Power supply	Type: External brick Input (line) voltage: 100-240 VAC, 50-60 Hz Output voltage/current: 12 VDC at 4.0 amps max.
Temperature	Operating: 0°C to 40°C Storage: -20°C to 60°C
Humidity	Operating: 20-80% Storage: 5-95% noncondensing
Weight (approx., with all options)	Actual: 11.9 lb (5.4 kg) Shipping: 19.8 lb (9 kg)
Warranty	Monitor: 3 years Backlight lamp life: min 50,000 hours to half brightness MTBF: 50,000 hours demonstrated
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: menu, up, down, select, power OSD controls: contrast, brightness, V-position, H-position, recall defaults RGB, 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 and Play; Security lock receptacle; Touchscreen sealed to bezel; Touchscreen sealed to LCD

To find out more about Elo's extensive range of touch solutions, go to www.elotouch.com, or call the office nearest you.

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