1522L 15" LCD Desktop Touchmonitor

Elo's 1522L 15" LCD touchmonitor offers the same sleek design as the 1529L 15" LCD desktop model, but is more cost effective for the end user. The optional 3-track magnetic stripe reader (MSR), programmable to either HID or Keyboard Emulation (USB only), is easily installed by the user, providing an elegant, integrated solution and eliminating the need for external brackets or attachments. The 1522L also incorporates hidden cable management, resulting in a convenient, space saving design that makes the touchmonitor ideal for POS applications. The 1522L is offered with a choice of touch technologies: IntelliTouch surface acoustic wave, AccuTouch five-wire resistive, CarrollTouch Infrared, Surface Capacitive, and Acoustic Pulse Recognition.

Features

- Small integrated design
- A touchmonitor that can function as a desktop or wall-mountable system
- Available with Acoustic Pulse Recognition, AccuTouch Five-Wire Resistive Technology, IntelliTouch Surface-Wave Technology, CarrollTouch Infrared Technology, and Surface Capacitive Technology

- Optional ergonomic 3 stripe MSR available in two versions: USB with keyboard emulation; and USB with human interface device (HID) class specification 1.1
- Touchscreen sealed to resist dirt, dust and splashes
- "Designed for touch" from the ground-up; stable tilt base; cables hidden from user's view
- Controls on the side rather than the front, plus lockout function for public use
- Mounting holes on base bottom for tabletop security
- Security lock receptacle

Applications

- Point-of-sale (POS)
- Self-Service kiosks
- Office Automation

Tyco Electronics

Our commitment. Your advantage.

1522L 15″ LCD Desktop Touchmonitor with Optional MSR Specifications

Case/Bezel Color	Dark gray or beige
Base	Short or tall stand
Display	Size: 15″ diagonal Type: Active matrix TFT LCD Aspect ratio: 4 x 3
Useful screen area	Horizontal: 11.98″ (304 mm) Vertical: 8.98″ (228 mm)
Monitor dimensions (max, with short stand)	Width: 13.99″ (355 mm) Height: 11.27″ (286 mm) Depth: 10.99″ (278 mm) Dimensions vary with stand type and position; see drawing for tall stand dimensions
Optimal (native) resolution	1024 x 768
Other supported resolutions	1024 x 768 at 60, 65, 70 or 75 Hz; 832 x 624 at 75 Hz; 800 x 600 at 56, 60, 72 or 75 Hz; 720 x 400 at 70 Hz; 720 x 350 at 70 Hz; 640 x 480 at 60, 66 Hz (Mac), 72 or 75 Hz
Colors	16.2 million colors

Brightness	LCD panel: 250 cd/m^2 (typical)
	  with AccuTouch: 200 cd/m^2 (typical)
	  with APR: 230 cd/m^2 (typical)
	  with CarrollTouch: 230 cd/m^2 (typical)
	  with IntelliTouch: 230 cd/m^2 (typical)
	  with surface capacitive: 213 cd/m^2 (typical)

Response time	12 msec (typical)
Viewing angle (typical, from center)	Horizontal (left/right): ±70° or 140° total Vertical (up/down): ±60° or 120° total
Contrast ratio	500:1
Input video format	RGB analog
Input video signal connector	Mini D-Sub 15-Pin VGA type
Input frequency	Horizontal: 31.5-60.2 kHz Vertical: 56.3-75 Hz
Power supply	Type: AC/DC input internal power supply AC input (line) voltage: 90-265 VAC, 50/60 Hz DC input (line) voltage: 12.0V ± 0.75V Power: 50 W max.; only AC power cable supplied; 12V power supply optional

Options	USB Magnetic Stripe Reader:
	  Tracks: 3
	  Message format: ASCII
	  Card speed: 3 to 50 inch/sec (7.6 to 127 cm/sec)

Temperature	Operating: 0°C to 40°C; Storage: -20°C to 60°C
Humidity	Operating: 20-80%; Storage: 5-95%; noncondensing
Weight (approx., with short stand)	Actual: 14.32 lb (6.49 kg) Shipping: 19.62 lb (8.90 kg)
Weight (approx., with tall stand)	Actual: 14.94 lb (6.78 kg) Shipping: 20.18 lb (9.16 kg)
Warranty	Monitor: 3 years; Backlight lamp life: typical 30,000 hours to half brightness; MTBF: 50,000 hours minimum demonstrated
Agency approvals	EMC: CE, C-Tick, FCC, VCCI (Class B); Safety: CB, CE, cULus, S (Argentina), TÜV T Mark
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, RGB, volume, YUV, phase, clock, OSD H-position, OSD V-position, OSD time, auto adjust, OSD language (English, French, German, Spanish, Japanese), input select; OSD disable/enable: power, OSD menu
Mounting options	75 mm VESA mount; Removable base
Other features	Touchscreen sealed to bezel; Touchscreen sealed to LCD; 2 stage DPMS; VESA DDC Plug and Play; Security lock receptacle

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

North America
Elo TouchSystems
301 Constitution Drive
Menlo Park, CA 94025-1110

800-ELO-TOUCH
Tel 1-650-361-4800
Fax 1-650-361-4722
eloinfo@elotouch.com

Europe
Tel +32 (0)16 35 21 00
Fax +32 (0)16 35 21 01
elosales@elotouch.com

Asia-Pacific
Tel +81 (45) 478-2161
Fax +81 (45) 478-2180
www.tps.co.jp

Latin America
Tel 786-923-0251
Fax 305-931-0124
www.elotouch.com.ar

Tyco Electronics

Our commitment. Your advantage.

1529L 15" LCD Multifunction Touchmonitor

The Elo 1529L touchmonitor expands the Elo TouchSystems high profile family of reliable, easily integrated, multifunction touch solutions that meet the requirements of systems integrators, OEMs, and value-added resellers. The rugged 1529L includes several POS options: three-track magnetic stripe reader (MSR), biometric fingerprint reader, and a 2 x 20 vacuum fluorescent rear-facing display.

The 1529L has been "designed for touch" from the ground up, with such features as a spill-resistant sealing, a stable tilt base that is removable or reversible for wall mounting, a VESA mounting option, connectivity incorporated within the monitor, reducing the number of power bricks and communication cables and side controls with lockout for public use.

The Elo 1529L touchmonitor offers a wide range of connectivity, including serial and USB, and a choice of Acoustic Pulse Recognition (APR), AccuTouch five-wire resistive, CarrollTouch infrared, IntelliTouch surface wave, and surface capacitive touch technologies.

Benefits

- Integrated peripherals in a compact design
- Easy and efficient installation—reduced cables and power bricks
- Choice of reliable Elo touch technologies for exceptional display quality
- Broadest range of input options
- Desktop, wall or VESA mounting

Applications

- Point of Service
- Point-of-Sale
- Loyalty systems
- Kiosk information systems
- Light industrial
- Gaming/amusement
- Home control
- Internet access points

Tyco Electronics

Our commitment. Your advantage.

1529L 15" LCD Multifunction Touchmonitor Specifications

Optional rear-facing vacuum fluorescent display

Optional fingerprint reader (top), and MSR (right), with short stand

TOUCHMONITOR

Case/bezel color	Dark gray or beige (optional on some configurations)
Base	Short, tall or no stand
Display	Size 15″ diagonal
Type	Active matrix TFT LCD
Aspect ratio	4 x 3
Useful screen area	Horizontal 11.98″ (304 mm); Vertical 8.98″ (228 mm)
Monitor dimensions (max. with short stand)	Width 13.99″ (355 mm) Height 11.27″ (286 mm) Depth 10.44″ (265 mm) Dimensions vary with stand position and options selected
Optimal (native) resolution	1024 x 768
Other supported resolutions	1024 x 768 at 60, 65, 70, 75 Hz; 832 x 624 at 75 Hz; 800 x 600 at 56, 60, 72, 75 Hz; 720 x 400 at 70 Hz; 720 x 350 at 70 Hz; 640 x 480 at 60, 66 (Mac), 72, 75 Hz
Colors	16.2 million colors, 6 bit with dithering
Brightness	LCD panel: 350 nits
LCD panel with touchscreen	AccuTouch: 287 nits; APR/IntelliTouch 322 nits; CarrollTouch 322 nits; surface capacitive 294 nits
Response time	12 msec (typical)
Viewing angle (from center)	Horizontal: ±70° or 140° total; Vertical: ±60° or 120° total
Contrast ratio	400:1
Power dissipation	20 W max (typical)
Input video format	RGB Analog; DVI-D
Input video signal connector	Mini D-Sub 15-Pin VGA type; DVI-D connector
Input frequency	Horizontal 31–60 kHz; Vertical 56–75 Hz
Power supply	Type: AC/DC input internal; AC input (line) voltage: 90-265 VAC, 50/60 Hz; DC input: 12V ± 0.75V
Temperature	Operating: 0° C to 40° C; Storage: –20° C to 60° C
Humidity	Operating: 20% to 80%; Storage: 5% to 95%; noncondensing
Weight	Actual: 14.44 lb (6.55 kg); Shipping: 21.16 lb (9.6 kg) (approx. with touch, short stand only)
Warranty (monitor)	3 years
Optional Product Coverage	Extended Warranty (North America and EMEA only)
Backlight lamp life	Minimum 40,000 hours to half brightness
Agency approvals	UL/cUL (*recognized component), FCC-A, TÜV-GS, CE, VCCI, C-Tick
Speakers	Two watt/channel speakers located in display head
On-screen display (OSD)	Side-mounted with lockout function for public use
User's controls	OSD control menu: power, up, down, menu; OSD controls: contrast, brightness, V-position, H-position, RGB, volume, YUV, phase, clock, OSD H-position, OSD V-position, OSD Time, auto adjust, OSD language (English, French, Dutch, Spanish, Japanese), input select; OSD disable/enable: power, OSD menu
Mounting options	75 mm VESA mount; removable base
Other features	Energy save mode (less than 2 watts); 2 stage DPMS; VESA DDC Plug & Play; security lock receptacle

OPTIONAL REAR FACING CUSTOMER DISPLAY 20 x 2 VACUUM FLUORESCENT

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

OPTIONAL MAGNETIC STRIPE READER

Tracks	3
Message format	ASCII
Card speed	3 to 50 inch/sec (7.6 to 127 cm/sec)

OPTIONAL 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%

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

Tyco Electronics
Our commitment. Your advantage.

1729L 17" Multi-function LCD Desktop Touchmonitor

Provides Versatility for POS

Elo's 1729L 17" LCD integrated multifunction touchmonitor is an attractive solution for POS applications. Its optional peripherals can easily be integrated into the 1729L's compact design. A choice of up to three of the optional peripherals can be installed including: the magnetic stripe reader, vacuum fluorescent, rear-facing LED customer display, biometric fingerprint recognition device, and speaker bar with/without a built in single or omni-directional barcode scanner. Its 1280 x 1024 resolution with a 5 x 4 ratio displays clear, precise graphics and a contrast ratio of 800:1 together with a typical LCD panel brightness of 300 nits provides bright, high contrast for improved readability.

Features

- Seamless, integrated design
- Available with AccuTouch five-wire resistive, Acoustic Pulse Recognition (APR), CarrollTouch infrared and IntelliTouch surface acoustic wave technologies
- Choice of desktop, wall or VESA mount
- "Designed for touch" with stable tilt base, adjustable and removable for VESA mounting; also mounting holes in base for secure desktop use
- Professional cable management
- Touchscreen sealed to resist dirt, dust, and splashes
- Controls on the side plus lockout function for public use
- An internal USB hub for minimal external connections
- Multi-lingual on-screen display (OSD)
- Security lock receptacle
- Long-lasting product cycle
- Choice of gray or beige finish
- Worldwide agency approvals
- Three year warranty
- Optional peripherals include: ergonomic 3 stripe MSR in two versions—USB with keyboard emulation and USB with human interface driver (HID), VFD customer display, biometric fingerprint reader, speaker bar with/without barcode scanner

Tyco Electronics

Our commitment. Your advantage.

1729L 17" Multi-function LCD Touchmonitor Specifications

Case/Bezel Color	Dark gray or beige
Display Type	17" diagonal
Type	Active matrix TFT LCD
Aspect Ratio	5 x 4
Useful Screen Area	Horizontal: 13.31" (337.9 mm) Vertical: 10.65" (270.3 mm)
Monitor Dimensions*	Width: 15.4" (391 mm) Height: 15.00" (380.6 mm) Depth: 9.42" (239 mm)
Resolution	1280 x 1024 Optimal (native)
Colors	16.7 million colors
Brightness (typical)	LCD panel: 300 cd/m^2 With AccuTouch: 240 cd/m^2 With APR: 276 cd/m^2 With CarrollTouch: 270 nits With IntelliTouch: 276 cd/m^2 With Surface Capacitive: 252 cd/m^2, response time 7.2 msec (typical)
Viewing Angle	Horizontal (left/right): ±80° or 160° total (typical, from center) Vertical (up/down): ±80° or 160° total Contrast ratio 800:1
Power Drawn	Monitor: 50 W max.
Input Video Format	Analog VGA; DVI video (EMEA models without DVI)
Input Video Signal Connector	Mini D-Sub 15-Pin VGA type
Input Frequency	Horizontal: 56.7-81.1 kHz Vertical: 55-76 Hz
Power Source	Input (line) voltage: AC input: 100-240V, 50/60 Hz; AC power cable supplied DC input: 12V 3 0.75V; 12V power supply brick is optional
Temperature	Operating: 0°C to 40°C Storage: -20°C to 60°C
Humidity	Operating: 20-80% Storage: 5-95% noncondensing
Weight	Actual: 19.32 lb (8.76 kg) (no peripherals) Shipping: 24.68 lb (11.19 kg)
Warranty	Monitor: 3 years
Agency Approvals	UL/cUL (*recognized component), FCC-A, TÜV-GS, CE, VCCI, C-Tick, MPRII
Speakers	Two watt/channel speakers located in display head
On-screen Display (OSD)	OSD lockouts for power and user controls (OSD control menu: menu, up, down, select, power)
OSD Controls	Contrast, brightness, V-position, H-position, recall default, color temperature, volume, sharpness, phase, clock, OSD position, auto adjust, information, OSD timeout, OSD language (English, French, German, Spanish, Japanese), input video select
OSD Disable/Enable	Power, OSD menu

Mounting Options
Four Field Upgradable
Peripherals Available**
	100 mm VESA mount
	• USB Customer Display (2x20 VFD)
	• USB Fingerprint Reader
	• USB Magnetic Stripe Reader
	• Speaker bar (two 3-watt speakers)
	  • with omni-directional bar code scanner
	  • with single line bar code scanner
	  • without bar code scanner

Other features include	Adjustable height stand, VESA mount; VESA DPMS; VESA DDC Plug and Play; Security lock receptacle

*Dimensions vary depending upon options; see drawing for details
**NOTE: The 1729L can accommodate up to a maximum of three peripherals.

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

North America
Elo TouchSystems
301 Constitution Drive
Menlo Park, CA 94025-1110

800-ELO-TOUCH
Tel 1-650-361-4800
Fax 1-650-361-4722
customerservice@elotouch.com

Europe
Tel +32 (0)16 35 21 00
Fax +32 (0)16 35 21 01
elosales@elotouch.com

Asia-Pacific
Tel +81 (45) 478-2161
Fax +81 (45) 478-2180
www.tps.co.jp

Latin America
Tel 786-923-0251
Fax 305-931-0124
www.elotouch.com.ar

Tyco Electronics
Our commitment. Your advantage.