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

TE connectivity
TOUCH SOLUTIONS

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 our extensive range of Elo touch solutions, go to www.elotouch.com, or call the office nearest you.

TE
connectivity

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