



1528L 15" LCD Medical Desktop Touchmonitor

Cost-effective LCD touchmonitor for healthcare applications

Elo's 1528L 15" LCD Medical Desktop touchmonitor

delivers cost-effective solutions for critical care and patient-centric professionals in the medical and healthcare markets. This compact touch monitor is "designed for touch" with Elo's proven expertise and reliability built in from the start.

The versatile 1528L 15" LCD touchmonitor can be ordered with a choice of the leading touch technologies in medical products: IntelliTouch surface acoustic wave and Accu-Touch five-wire resistive, along with serial and USB touch interfaces. The monitor is factory sealed against dust, dirt, and liquid splashes. The 1528L can be used in a wide variety of environments because it registers input from a finger, gloved hand or soft stylus with a fast and accurate response. Simplified worldwide approvals cover the entire monitor that is designed, built, serviced, and supported by Elo, a true single source supplier.

Features

- Stable tilt base; cables hidden from view; controls on side rather than front; lockout function for public use
- Designed, built, serviced, and supported by Elo
- Space-saving, economical, flexible, and reliable
- Available with AccuTouch five-wire resistive and IntelliTouch surface wave touch technologies
- Functions as desktop or wall-mountable; VESA mount option
- Sealed against dust, dirt, and splashes
- Serial and USB connectivity
- Three-year standard warranty.

1528L 15" LCD Medical Touchmonitor

Case/Bezel Color	Dark gray or beige
Base	Tall
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 tall stand)	Width: 13.99" (355 mm); Height (inc. base): 13.8" (350 mm); Depth (inc. base): 8" (203 mm)
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, 8 bit with dithering
Brightness (typical)	LCD panel: 350 nits; with AccuTouch: 287 nits; with IntelliTouch: 322 nits
Response Time (typical)	8 ms
Viewing Angle (typical, from center)	Horizontal (left/right): $\pm 75^\circ$ or 150° total Vertical (up/down): $75^\circ/50^\circ$ or 125° total
Contrast Ratio	400:1
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: External Power Adapter; DC output (line) voltage: 12.0V \pm 0.75V; AC input (line) voltage to DC adaptor: 100-240 VAC, 50/60 Hz; Power: 48 W max; Hospital grade power cord for US/CAN; European power cord
Temperature	Operating: 0°C to 40°C; Storage: -20°C to 60°C
Humidity	Operating: 20-80%; Storage: 5-95% non-condensing
Weight (approx., with all options)	Weight with power adapter: 16.13 lbs (8.3 kg) Weight w/o power adapter: 15.3lbs (6.9 kg) Shipping Weight: 22.2 lbs (10.1 kg)
Warranty	Monitor: 3 years
Backlight lamp life	Minimum 40,000 hours to half brightness
MTBF	50,000 hours demonstrated
Agency Approvals	FCC/IC/C-Tick Class B, UL/cUL Medical UL 60601-1(formerly 2601-1)/C22.2 No. 601.1, CE Includes EMC requirements EN/IEC 60601-1-2.
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, Sharpness, 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

Medical and Healthcare Application Disclaimer: It is the sole responsibility of any person intending to commercialize, market or use any TE Connectivity product for medical or healthcare applications to ensure that the product is adequate and appropriate for the person's intended use and complies with all applicable laws, regulations, codes and standards including but not limited to the European Union Medical Device Directive, United States Federal Food, Drug, and Cosmetic Act, regulations of the United States Food and Drug Administration (FDA), and for obtaining and maintaining any required regulatory approvals including but not limited to any required market clearances. TE Connectivity has not sought nor received any rulings from the FDA or any other federal, state, or local government agency or notified body as to the safety, effectiveness or appropriateness of its product for such applications. Persons intending to evaluate or use TE Connectivity's product for medical or healthcare purposes must rely on their own medical and legal judgment without any representation on the part of TE Connectivity.

To find out more about our extensive range of Elo 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 Corporation and its Affiliates in the TE Touch Solutions business unit of the TE Connectivity Ltd. family of companies (collectively "TE") reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products.

AccuTouch, Elo (logo), Elo TouchSystems, IntelliTouch, TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks of the TE Connectivity Ltd. family of companies.

Copyright 2011 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All rights reserved. 05/11

