

2401LM 24-inch LCD

Touchscreen Monitor



Integrated Touch



Commercial Grade



3-Year Warranty

Product Overview

Elo 2401LM 24-inch touchscreen monitor delivers an interactive solution for healthcare professionals and patients. The feature rich, 2401LM 24-inch touchscreen monitor offers professional-grade, best-in-class optical performance with Elo's industry-leading touch technology that was designed for medical professionals that demand reliability and input flexibility. Compliant with multiple safety and electrical certifications, the clean white design of the 2401LM is equipped with a USB and RS232 combination touch controller, built-in audio amp and speakers, VGA, and DVI, video connectors all with a three-year warranty.

The 2401LM is compliant with multiple safety and electrical certification standards, including IEC/EN 60950-1 and IEC/EN 60601-1 for safety and EN 55011, EN 55022, EN 55024 and IEC/EN 60601-1-2 (3rd Edition) for EMC. Equipped with an LED backlit state-of-the-art LCD panel, the monitor is environmentally friendly with reduced power consumption.

Available with IntelliTouch® surface acoustic wave (SAW) technology with single touch functionality providing a stable drift-free touch response, and outstanding image clarity and resolution

Compliant with multiple safety and electrical certifications recognized by public health authorities

Elo controlled design with long product life cycle and availability cycle

2401LM 24-inch LCD Touchscreen Monitor

Specifications	
Model	2401LM
Color	Black or white
Active Display Area	20.9" x 11.7" (531.4mm x 298.9mm)
Monitor Dimensions	23.9" x 14.6" x 2.4" (606mm x 373mm x 61mm)
LCD Technology	Active matrix TFT LCD
Diagonal Size	24.0"
Native Resolution	1920 x 1080 at 60 Hz
Preset Video Modes	640 x 350 70Hz, 720 x 400 70Hz, 640 x 480 60, 72 & 75Hz, 800 x 600 56, 60, 72 & 75Hz, 832 x 624 75Hz, 1024 x 768 60, 70 & 75Hz, 1280 x 800 60Hz, 1280 x 960 60Hz, 1280 x 1024 60Hz & 75Hz, 1360 x 768 60Hz, 1366 x 768 60Hz, 1440 x 900 60Hz, 1600 x 1200 60Hz, 1680 x 1050 60Hz
Aspect Ratio	16:9
Number of Colors	16.7 million
Number of Touches	Single-touch
Brightness (typical)	LCD Panel: 300 nits; IntelliTouch: 270 nits
Response Time (Tr + Tf) (typical)	25 msec
Viewing Angle (typical)	Horizontal 178°; Vertical: 178°
Contrast Ratio (typical)	3000:1
Video	Input format: Analog VGA, DVI; Input signal connector: Mini-D-sub 15-pin VGA type; DVI-D connector for digital video input
Audio	Input connector: 3.5mm TRS jack; Input signal range: 0.5Vrms maximum stereo signal; Internal Speakers output: Two 1W speakers
Power	Input voltage AC Adaptor: 100-240 VAC, 50/60Hz; Input voltage Monitor DC: 12 VDC +/- 0.5V; Input connector AC Adaptor: IEC 60320 C14; Input connector Monitor DC: 4 pin Mini DIN; Power Consumption (Typical): ON: 32W
Weight	Unpackaged: 19.4 lbs (8.8 kg); Packaged: 29 lbs (13.2 kg)
Shipping Dimensions	28" x 20" x 10.5" (711mm x 508mm x 267mm)
Mounting Options	100 mm VESA rear-mount
On-Screen Display (OSD)	Controls (bottom): menu, up, down, select, power; Settings: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall, volume, sharpness, OSD H/V POS, OSD Time; Languages: English, German, Spanish, Japanese, French, Italian, Chinese, Polish, Swedish; Lockouts: power, user controls
Temperature	Operating: 0 °C to 40 °C (32 °F to 104 °F); Storage: -20 °C to 60 °C (-4 °F to 140 °F)
Humidity (non-condensing)	Operating: 20% to 80%; Storage: 10% to 90%
Regulatory Approvals & Declarations	UL/cUL, CE EN/IEC 60601-1 3rd ed., FCC Class B, VCCI, C-Tick, KC, GOST, BSMI, CCC, China RoHS, IPX1 Elo Declarations: RoHS, WEEE, CE
Touch Interface	Serial (RS232) and USB
Warranty	3 years standard
MTBF	50,000 hours demonstrated

Medical and Healthcare Application Disclaimer: It is the sole responsibility of any person intending to commercialize, market or use any of Elo Touch Solutions, Inc. or its family of companies ("Elo") products for medical or healthcare applications to ensure that such 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 other similar legislation in jurisdictions around the world, and for obtaining and maintaining any required regulatory approvals including but not limited to any required market clearances. Elo 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 Elo's product(s) for medical or healthcare purposes must rely on their own medical and legal judgment without any representation on the part of Elo.

Ordering Information

Model	Part Number	Technology	Color	Surface Treatment	Availability
2401LM	E263686	IntelliTouch	White	Antiglare	Worldwide
	E000140	IntelliTouch	Black	Antiglare	Worldwide

Optional Peripherals / Accessories

Part Number	Model
E001450	DisplayPort cable kit
E001449	HDMI cable kit
D82064-000	IntelliTouch stylus pen
E448370	Replacement DC Power Supply

Extended Warranty Options

Part Number	Description
E188404	1 Year Extended Warranty, 23-inch to 32-inch LCD Touchmonitor
E572038	2 Year Extended Warranty, 23-inch to 32-inch LCD Touchmonitor
E67295-000	Elo advance unit replacement for touchmonitors