Elo TouchSystems 2400LM 24" Desktop Touchmonitor for Medical Healthcare Settings

The fully featured 2400LM touchmonitor offers best-in-class optical performance mated to leading touch technologies—IntelliTouch (surface acoustic wave) and AccuTouch (five-wire resistive)—in addition to a combination touch controller, DVI, VGA and built-in speakers. The monitor is available in white or gray, touch and non-touch enabled versions.

The 2400LM is compliant with multiple safety and electrical certifications including EN 60950-1 and EN 60601-1 for safety and EN 60950-1, EN 55022, EN 55024, and EN 60601-1-2 for EMC. In addition, the 2400LM meets RoHS compliance, and includes an enclosure design that is resistant to dripping water with an IPX1 rating, protecting the unit from liquid drops and spills. As a result the 2400LM is an excellent fit for a wide variety of settings, including healthcare.

The Elo 2400LM touchmonitor is an effective solution for nurse station, computer-aided therapy, electronic medical record keeping, paperless charting, patient self check-in/registration, as well as non-medical applications that benefit from DVI-D input, speakers and a pristine image display.

Features

- High quality panel wide viewing angles, and high contrast ratio
- Available with AccuTouch (five-wire resistive) or IntelliTouch (surface acoustic wave) touch technologies, and as non-touch models
- Design is tightly controlled by Elo specifications
- Sealed touchscreen meets IPX1 rating
- Removable base with mounting options including VESA mount
- EN 60950-1 and EN 60601-1 for safety; EN 60950-1, EN 55022, EN 55024, and EN 60601-1-2 for EMC
- RoHS compliant
- 3-year warranty
- Built-in speakers

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2400LM 24″ Desktop Touchmonitor

Model	2400LM
Enclosure	White (AccuTouch and IntelliTouch, all regions)/Dark Gray (IntelliTouch, North America only)
Display	24.0″ diagonal
Aspect ratio	16:10, active matrix TFT LCD
Useful screen area	Horizontal: 20.4″ (518mm); Vertical: 12.8″ (324mm)
Monitor dimensions*	Width: 23.3″ (592mm); Height: 17.7″ (450mm); Depth: 9.1″ (233mm)
Native (optimal) resolution	1920x1200
Other supported resolutions	640x480 at 60Hz; 800x600 at 56, 60Hz; 1024x768 at 60Hz; 1280x960 at 60Hz; 1280x1024 at 60Hz; 1360x768 at 60Hz; 1440x900 at 60 Hz; 1600x1200 at 60 Hz; 1680x1050 at 60 Hz; 1920x1200 at 60 Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 300 nits; IntelliTouch: 270 nits; AccuTouch: 240 nits
Response time–total (typical)	5msec
Viewing angle (typical)	Horizontal: ±80° total; Vertical: ±80° total
Contrast ratio (typical)	1000:1
On-screen display (OSD)	OSD buttons: Menu, Up, Down, Select, Power; OSD: Automatic Adjustment, Contrast, Brightness, H/V Position, Clock, Phase, Color Temperature, OSD H/V position, OSD timeout, OSD language (English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese), Recall Defaults, Sharpness, Volume; OSD locking/unlocking and Power locking/unlocking
Input video format	Analog VGA, DVI
Input video signal connector	15-pin female D-sub (Analog VGA, 25-pin female DVI-D)
Input frequency	Horizontal: 31-75kHz; Vertical: 56-61Hz
Power supply	AC/DC power adapter
Input connector	MINI DIN 4pin power jack; AC/DC adapter input connector: IEC 60320 C6
Input voltage	AC/DC adapter: 100-240VAC 50/60Hz
Input audio connector	3.5mm TRS jack
Input audio signal	0.5Vrms maximum stereo signal
Internal speakers	Two 2W speakers
Power consumption (typical)	Monitor plus AC/DC adapter: 61W
Shipping Box Dimensions (W x D x H)	27.56″ (700mm) x 20.08″ (510mm) x 10.04″ (255mm)
Weight (with stand)	Actual: 27.8lb (12.6kg); Shipping: 36.4lb (16.5kg); without stand: Actual: 19.3lb (8.75kg)
Temperature	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 140°F (-20°C to 60°C)
Humidity (noncondensing)	Operating: 20%-80%; Storage: 10%-90%
Backlight lamp life	Minimum 50,000 hours to half brightness
MTBF	50,000 hours demonstrated
Mounting options	With provided stand (landscape); 100mm VESA rear-mount
Warranty	3 years
Optional Product Coverage	Extended warranty
Agency Approvals	CB, UL/cUL, FCC, CE, VCCI, C-Tick (Class B), IPX1, IEC60601-1-2 Elo Declarations: RoHS, WEEE, IMERC, CE
Available Touch Technologies	AccuTouch (five wire resistive); IntelliTouch (surface acoustic wave)

*See dimensional drawings for details

For updated specifications and more information, please visit www.elotouch.com.

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

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