



Elo TouchSystems 2240L Wide-Viewing Angle Open-Frame Touchmonitor

Wide-Aspect, High Resolution LCD Touchmonitor Delivers Brilliant Performance for Casino Gaming, Amusement and Kiosk Environments

Specifically suited for use in high-traffic casino gaming, video game entertainment and self-service kiosk environments, the 2240L complements Elo's expanded family of touch solutions for casino gaming, amusement and digital signage. The 2240L features a high quality LCD panel with an ultra-wide viewing angle of 178° x 178° horizontal and vertical—wider than most other 22" touchmonitors available today. Colors remain sharp, vivid and true, and graphics retain their integrity due to the 300 nits panel brightness.

The innovative design of the open-frame 2240L provides a seamless fit for gaming and kiosk applications, and can be deployed in both landscape and portrait orientations. With a front-facing metal hardened anodized bezel and L-mounting brackets and slim dimensional profile (500x332x80 mm), the 2240L offers installation flexibility in a variety of entertainment and retail environments.

The 2240L is available with a choice of the industry-leading touch technologies including IntelliTouch surface acoustic wave, and surface capacitive, as well as a no-touch version. The comprehensive range of features include both analog and digital interfaces, multi-lingual on-screen display (OSD), mounting VESA standard, mounting brackets, cabled remote on-screen display (OSD) and worldwide compliance.

Features

- A bright, high contrast display with ultra-wide 178° x 178° viewing angle easily attracts and holds the users' attention
- Elo TouchSystems IntelliTouch (surface acoustic wave) technology offers high quality optics, durability, and long-term reliability
- Elo TouchSystems surface capacitive technology offers a fast, sensitive touch response with strong dragging performance. A transparent protective coating makes the touchscreen resistant to scratches and abrasions.
- "Designed for touch" from the ground-up, including Elo TouchSystems proprietary ultra-slim protective bezel for sealing against liquids.
- A long product life with the enclosure controlled by Elo TouchSystems specifications
- Multiple mounting options are available
- Dual serial and USB connectivity are standard
- Worldwide agency approvals and a three-year standard warranty are backed by Elo TouchSystems



2240L 22" Open-Frame Touchmonitor

Case/Bezel color	Black	
Display type	Active matrix TFT LCD	
Display size	22.0" diagonal	
Useful screen area	473.76 mm x 296.1 mm	
Monitor dimensions	500 mm x 332 mm x 80 mm	
Dimensional drawing number	MS600677 (Available @ www.elotouch.com)	
Native resolution	1680 x 1050	
Preset Video Modes	720x350 @ 70Hz; 720x400 @ 70Hz; 640x480 @ 60Hz, 66Hz, 72Hz; 800x500 @ 75Hz; 800x600 @ 56Hz, 60Hz, 72Hz; 832x624 @ 75 Hz; 1024x768 @ 60Hz, 65Hz, 72Hz, 75Hz; 1152x864 @ 75 Hz; 1280x768 @ 65 Hz; 1280x960 @ 60 Hz; 1280x1024 @ 60Hz, 75Hz; 1360x768 @ 60 Hz; 1366x768 @ 60 Hz; 1600x1200 @ 60 Hz; 1680x1050 @ 60Hz	
Colors	16.7 million colors	
Brightness:	LCD Panel with no screen No Touch IntelliTouch Surface Capacitance	Typical: 300 cd/m ² , min. 250 cd/m ² Typical 270 cd/m ² , min. 212.5 cd/m ² Typical 270 cd/m ² , min. 212.5 cd/m ² Typical 249 cd/m ² , min. 200 cd/m ²
Response Time	Typical Rise Time + Fall Time: 16 msec Typical Response Time Gray to Gray: 6 msec	
Viewing Angle	Horizontal: Typical 178° at a CR>10; Vertical: Typical 178° at a CR>10	
Contrast Ratio	1000:1 (Typical)	
Input Video Format	1. RGB Analog Video; 2. DVI Video (DVI not available in Europe)	
Input Sync Format	Separate H & V sync, Composite Sync, and Sync-On-Green	
Input Video Signal Connector	1. 15-pin female D-sub for Analog Video; 2. Female DVI-D for Digital Video	
Range of displayable input video	Horizontal scan frequency	30-83 kHz
	Vertical frame rate	56-75 Hz
Power Consumption	130W maximum	
Power Supply—Internal Monitor Input Voltage	Input: 90-264 VAC, 47-63Hz with a power factor of greater than 0.9.	
Temperature	Operating: 0°C to 40°C; Storage: -20°C to 60°C	
Humidity	Operating: 20% to 80% humidity (non-condensing) Storage: 10% to 90% humidity (non-condensing)	
Monitor MTBF	50,000 hours demonstrated (excluding lamps)	
Backlight Lamp Life	30,000 minimum	
Weight (approx.)	Actual: TBD; Shipping: TBD	
Other Features	100mm VESA mount Mounting brackets included Digital on-screen display (OSD) User's control: <ul style="list-style-type: none"> • OSD buttons: menu, up, down, select • OSD: automatic adjustment, contrast, brightness, H/V position, clock, phase, color temperature, input video select, OSD H/V position, OSD timeout, language (English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese), Recall Color, Recall Defaults, Sharpness, Display Information • OSD locking/unlocking and power locking/unlocking 	
Warranty: TouchMonitor	3 years	
Touch Interface	Serial and USB	
Agency Certification	CE, Australia C-Tick, China CCC, Japan VCCI, Korea MIC, Taiwan BSMI, Argentina S-mark, UL, cUL, FCC, Mexico NOM, CE, Russia PCT, China RoHS, WEEE, IMERC	

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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