



# Elo TouchSystems 2243L 22" Open-Frame Touchmonitor

**The Elo TouchSystems 2243L open-frame LCD touch-monitor** with its slim design and narrow outside dimensions gives kiosk integrators an edge in developing the most aesthetically pleasing products. Wide-aspect displays like the Elo 2243L are easier to use and incorporate than traditional open-frame touchmonitors. Wide-screen format displays allow extra content on the screen and are quickly becoming preferred in casino gaming, amusement and entertainment settings and are increasingly popular in public venue environments due to the high-definition cinematic-like experience. Typical applications for the 2243L include: gaming and amusement, information kiosks and self-service, as well as interactive digital signage applications.

State-of-the-art LED backlighting used in the 2243L makes the panel thinner overall as the cold cathode fluorescent lights (CCFL) are replaced with LED lights. LED lights also take less electricity to operate and generate less heat. This leads to the slimmer dimensions of the 2243L that facilitate OEMs and system integrators the flexibility to design aesthetically pleasing and stylish kiosks.

Available with either IntelliTouch surface acoustic wave touchscreen technology or Acoustic Pulse Recognition (APR), the 2243L provides stable "drift-free" operation with outstanding image clarity, resolution, and light transmission—for an accurate touch response and vivid

images. APR is the recent TE innovation that supports touch activation by any stylus—pen, glove, bare finger and fingernail; while IntelliTouch is the optical standard of touch and widely used in kiosk and gaming applications. Both are pure glass construction to deliver a clear, bright and long-lasting performance and it also makes the touchscreens scratch-resistant. It is nearly impossible to physically "wear out" these touchscreens.

## Features and Benefits

- Slimmer dimensions enables thinner, artistic enclosure designs
- High definition LCD display offers ultimate HD interactivity, clarity and resolution
- Viewing angle of 170°(h) x 160°(v), wider than most 22" touchmonitors, allows colors to remain sharp and graphics to retain their integrity in both portrait and landscape modes
- 16:9 aspect ratio and bright 250 nits panel for a larger display surface and bright vivid images
- LED backlighting allows for state-of-the-art slim design while reducing power consumption
- Optimized for use in high-traffic environments
- Three-year warranty



## 2243L 22" Open-Frame Touchmonitor

Model	2243L
Bezel color	Black
Active Display Area	18.8" x 10.6" (477mm x 268mm)
Dimensions*	20.2" x 11.7" x 1.7" (512mm x 298mm x 43mm) max
LCD Technology	Active matrix TFT LCD
Diagonal Size	22"
On-Screen Display (OSD)	Accessible through switches on the unit's tethered OSD Control box. Controls: Menu, Up, Down, Select; Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, OSD H-Position, OSD; V-Position, Recall Defaults, Video Source; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, Power
Mounting Options*	VESA 4-hole 100mm mounting interface on rear of unit 2-hole mounting interface on all 4 sides
Native Resolution	1920x1080
Aspect Ratio	16:9
Preset Video Timings	640x480 60Hz; 720x576 50Hz; 800x600 56, 60Hz; 1024x768 60Hz; 1280x720 50, 60Hz; 1280x960 60Hz; 1280x1024 60Hz; 1366x768 60Hz; 1440x900 60Hz; 1680x1050 60Hz; 1920x1080 50, 60Hz
Number of Colors	16.7 million
Brightness (typical)	LCD Panel: 250 nits; with Intellitouch: 225 nits; with APR: 225 nits
Response Time (Tr + Tf) (typical)	5 ms
Viewing Angle (typical)	Horizontal: ±85°; Vertical: ±80°
Contrast Ratio (typical)	1000
Video	Analog VGA on Female DE-15 connector; Digital DVI on Female DVI-D connector; Input Video Horizontal Sync frequency range: 31.5-80KHz; Input Video Vertical Sync (frame rate) frequency range: 50-75Hz
Backlight Lamp Life (typical)	30,000 hours to half brightness
Power**	Monitor input power connector: Coaxial power jack (2mm pin outer diameter, 6.4mm barrel inner diameter); Monitor input power signal specifications: 12VDC ± 5% Adapter input connector: IEC 60320 C14; Adapter input voltage range: 100-240VAC, 50/60Hz Power Consumption (typical): ON (monitor only): 22W; ON (monitor + AC/DC adapter at 230V/50Hz): 25W SLEEP (monitor + AC/DC adapter at 230V/50Hz): 2.2W OFF (monitor + AC/DC adapter at 230V/50Hz): 1.1W
Weight	Unpackaged: 10.6lbs (4.8kg); Packaged: 15.3lbs (6.9kg)
Shipping Dimensions	7.9" x 24.4" x 16.9" (200mm x 620mm x 430mm)
Temperature	Operating: 32°F to 104°F (0°C to 40°C); Storage: (-4°F to 140°F) -20°C to 60°C
Humidity (non-condensing)	Operating: 20%-80%; Storage: 10%-90%
Regulatory approvals and declarations	S-Mark; C-Tick; cUL, IC; CCC; CE; VCCI; KCC; NOM; BSMI; UL, FCC; CB; RoHS, China RoHS, WEEE, IMERC
Warranty	3 years
MTBF	50,000 hours demonstrated

\*See dimensional drawings for details

\*\*Note: This monitor is sold with an AC-DC power adapter.

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