Elo TouchSystems 2242L 22″ Open-Frame Touchmonitor

The Elo TouchSystems 2242L, a 22-inch open-frame touchmonitor with IntelliTouch Plus touch technology provides OEMs and design engineers the ability to develop multi-touch applications compatible with Microsoft Windows® 7 operating system for dynamic, reliable touch-enabled applications including graphically intense kiosk applications such as photo kiosks, gaming, concierge and other guest-engagement hospitality experiences. Gaming and hospitality environments present unique performance and durability requirements for touch screens and the Windows 7 operating system delivers distinct design advantages with its stable and innovative touch interface. The 2242L blends these market needs and OS capabilities of Windows 7 to provide an increased range of touch options for these applications.

IntelliTouch Plus Surface Acoustic Wave (SAW) touch technology received Windows 7 Touch Additional Qualification (AQ) status for touch interactivity by meeting test criteria established by Microsoft for Windows 7. With this testing, customers can trust that the 2242L, and the ability to effortlessly take advantage of the touch functionality built into Windows 7.

Unique to the 2242L Windows 7 compatible touchmonitor is the use of Tyco Electronics IntelliTouch Plus which, unlike other multi-touch technologies, utilizes three axes of touch information to deliver sensitive, accurate, drift-free recordings of two simultaneous touch locations anywhere on the screen regardless of position or pressure applied. IntelliTouch Plus utilizes pure-glass construction to deliver excellent imagery, high light transmissions and is not affected by variations in ambient or extreme light. IntelliTouch Plus supports finger and soft stylus activation and features durable, scratch-resistant glass to assure continuous surface performance even if scratched.

Features

- 22-inch, open-frame
- 16:10 aspect ratio
- Recognizes two independent touch points and single- and two-finger gestures
- Clear glass surface for high image clarity
- Analog and DVI input video
- Side and rear-mounting options

Benefits

- Create compelling image browsing interfaces
- Design on-screen controls such as knob rotation and multiple buttons for control panel-type functionality
- Easily manipulate photos in kiosk applications using only two fingers
- Enhance user interaction in gaming kiosks, including multi-player

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2242L 22" Open-Frame Touchmonitor

Model	2242L
Display	22.0" diagonal
Aspect ratio	16:10, active matrix TFT LCD
Useful screen area	Horizontal: 18.7" (474 mm); Vertical: 11.7" (296 mm)
Monitor dimensions*	Width: 21.1" (537 mm); Height: 14.2" (360 mm); Depth: 3.0" (77 mm)
Native (optimal) resolution	1680 x 1050 at 60 Hz
Other supported resolutions	720x350 at 70Hz; 720x400 at 70Hz; 640x480 at 60, 66, 72Hz; 800x500 at 60, 75Hz; 832x624 at 75Hz; 1024x768 at 60, 65, 72, 75Hz; 1152 x 864 @ 75Hz; 1280x768 at 65Hz; 1280x968 at 60Hz; 1280x1024 at 60, 75Hz; 1360x768 at 60Hz; 1366x768 at 60Hz; 1440x900 at 60Hz; 1600x1200 at 60Hz; 1680x1050 at 60Hz, 75Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 300 nits; IntelliTouch Plus: 270 nits
Response time–total (typical)	5 msec
Viewing angle (typical)	Horizontal: ±80° total; Vertical: ±80° total
Contrast ratio (typical)	1000:1
On-screen display (OSD)	Controls: Menu, Up, Down, Select; Settings: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, 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; Accessible through switches on the rear, or through the standard Elo OSD control box accessory.
Input video format	Analog VGA, DVI
Input video signal connector	Mini D-Sub 15-Pin VGA type, DVI-D connector
Input frequency	Horizontal: 30-75 kHz; Vertical: 53-76 Hz
Power supply	Internal AC
Input voltage	AC: 100-240VAC 50/60Hz
Input connector	AC: IEC 60320 C6
Power consumption (typical)	On: 100V/60Hz: 50W; Sleep: 100V/60Hz: 4W; Off: 100V/60Hz: 3.5W
Shipping Box Dimensions (W x D x H)	27.17" (690 mm) x 20.87" (530 mm) x 10.04" (255 mm)
Weight	Actual: 19.3 lb (8.75 kg); Shipping: 28.7 lb (13.0 kg)
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 50°C (-4°F to 122°F)
Humidity (noncondensing)	Operating: 20%-80%; Storage: 10%-90%
Form factor	Open-Frame
Backlight lamp life	Minimum 50,000 hours to half brightness
MTBF	50,000 hours demonstrated
Mounting options	100 mm VESA mount on rear of unit; Bracket mounting on side of unit
Warranty	3 years
Optional Product Coverage	Extended warranty
Agency Approvals	S-mark, C-Tick, cUL, IC, CCC, CE, VCCI, EK, MIC, NOM, GOST, BSMI, UL, FCC, CB, RoHS, WEEE, IMERC

*See dimensional drawings for details

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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