PRODUCT OVERVIEW

About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

Features:

• Integrated precision mini-bezel with water-resistant 0.5mm seal
• Mounting options including rear-mount (with two included mounting brackets) and VESA mount
• Choice of two industry-leading touchscreen technologies: AccuTouch 5-wire resistive, IntelliTouch Plus multi-touch surface acoustic wave
• Worldwide agency approvals

Applications:

• Gaming machines
• Kiosks
• Point-of-Information
• Self-service

1541L 15” LED Open-Frame Touchmonitor

The Elo Touch Solutions 1541L 15” wide-screen open-frame touchmonitor is easier to use and incorporate into commercial and industrial environments than traditional open-frame touchmonitors. Wide-screen format (16:9 aspect ratio) displays allow more content on the screen than standard aspect ratio (4:3) and are quickly becoming the preferred choice where a larger touch activated surface area is desired. In addition, these displays deliver high-definition cinematic-like experience that is especially valuable for public venue environments. Like all Elo open-frame touchmonitors, the specifications and tooling are controlled to ensure a long product life, which is important in maintaining continuity for all phases of project rollouts and servicing. The 1541L features an injection-molded bezel with a virtually invisible water-resistant seal, thus making it a good choice to withstand the rigors of public use. The 1541L has a compact form factor and multiple mounting options for easy integration. It features a high quality LCD panel and worldwide agency approvals. The 1541L is available with a choice of AccuTouch 5-wire resistive and IntelliTouch Plus surface acoustic wave touchscreen technologies.

1541L 15” LED Open-Frame Touchmonitor

• Compact form factor with “Built for Touch” reliability
• 50% energy savings using LED technology
• Multiple mounting options
• 3 year standard warranty

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1541L 15.6" Open-Frame Touchmonitor

Model | 1541L
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Active Display Area | 13.5" x 7.6" (344.2mm x 193.5mm)
Dimensions | 14.8" x 8.7" x 1.8" (376.8mm x 221.1mm x 45.7mm) max
LCD Technology | Active matrix TFT LCD with LED backlighting
Diagonal Size | 15.6"

On-Screen Display (OSD)

Accessible through switches on the unit’s tethered OSD Control Keypad
Controls: Menu, Up, Down, Select, Power
Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese
Lockouts: OSD, Power

Mounting Options*

VESA 4-hole 75mm mounting interface on rear of unit. 2-hole mounting interface on all 4 sides

Native Resolution

1366 x 768

Aspect Ratio

16:9

Preset Video Timings

720 x 350 at 60Hz; 720 x 400 at 60Hz; 640 x 480 at 60, 72, 75Hz; 800 x 600 at 56, 60, 72, 75Hz; 800 x 600 at 60Hz; 832 x 624 at 75Hz; 1024 x 768 at 60, 70, 75Hz; 1280 x 800 at 60Hz; 1280 x 960 at 60Hz; 1366 x 768 at 60Hz

Number of Colors

16.7 million

Brightness (typical)

LCD Panel: 250 nits; with Intellitouch Plus: 225 nits; with AccuTouch: 200 nits

Response Time (Tr + Tf) (typical)

16ms

Viewing Angle (typical)

Horizontal: ±85 or 170°; Vertical: ±65 or 130°

Contrast Ratio (typical)

500:1

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

Power

External DC—optional power brick (sold separately)
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

ON (monitor + AC/DC adapter at 230V/50Hz): 15W (Typ), 19W (Max); SLEEP (monitor + AC/DC adapter at 230V/50Hz): 2.0W; OFF (monitor + AC/DC adapter at 230V/50Hz): 1.0W

Weight

Unpackaged: 6.4 lbs (2.9kg); Packaged: 9.5 lbs (4.3kg)

Shipping Dimensions

17.5" x 11.1" x 5.7" (44.5cm x 28.2cm x 14.5cm)

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

Australia C-Tick; Canada cUL, IC; China CCC; Europe CE; Japan VCCI; Korea KCC; Mexico CoC; Taiwan BSMI; United States UL, FCC; International CB; RoHS, China RoHS, WEEE, IMERC

Warranty

3 years

MTBF

50,000 hours demonstrated

*See dimensional drawings for details.

Ordering Information

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To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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