



1940L 19" LCD Open-Frame Touchmonitor

Available with either IntelliTouch Plus multi-touch surface acoustic wave touchscreen technology or projected capacitive for a no bezel look, the 1940L provides stable "drift-free" operation with outstanding image clarity, resolution, and light transmission—for an accurate touch response and vivid images! The 1940L is an ideal solution for many public applications including gift registry, food ordering, airline check-in, DVD and bill-paying kiosks.

Wide-aspect displays like the Elo 1940L with 16:9 aspect ratio are easier to use and incorporate into commercial and industrial environments than traditional open-frame touchmonitors. Wide-screen format displays allow extra content on the screen and are quickly becoming preferred where a larger touch activated surface area is desired. Increasingly popular in public venue environments, these displays deliver a high-definition cinematic-like experience. The new 1940L features an energy-saving LED panel, 170°(h) x 160°(v) viewing angle and 1000:1 contrast ratio for a bright display in a thin, compact, space-saving mechanical design.

Elo open-frame LCD monitors have a long product life because the enclosure specifications are controlled directly by Elo Touch Solutions. This makes future panel improvements easier to implement without having to make external dimensional changes. The 1940L has a compact form factor and optional

rack—and front-mount bezels for easy integration. It features a high quality LED panel along with a unique, injection-molded mini-bezel with a virtually invisible water-resistant seal.

We are committed to delivering a quality product and as a result the 1940L is backed by a three-year warranty.

Features

- High quality panel with 170°(h) x 160°(v) viewing angle
- 1000:1 contrast ratio
- Long lasting product cycle-enclosure controlled by Elo specifications
- Integrated precision mini-bezel with water-resistant 0.5 mm seal (IntelliTouch Plus only)
- Optional mounting options including rack and front mount
- Compact mechanical design
- Choice of IntelliTouch Plus multi-touch or Projected Capacitive (PCAP) touchscreen technology
- LED backlight
- Consumes 25% less power
- Multilingual on-screen display (OSD)
- Worldwide agency approvals
- 3-year warranty

1940L 19" LCD Open-Frame Touchmonitor

Model	1940L
Form Factor	Kiosk
Active Display Area	16.13" x 9.07" (409.8mm x 230.4mm)
Dimensions	17.58" x 10.58" x 1.51" (446.7mm x 268.8mm x 38.5mm) max
LCD Technology	Active matrix TFT LCD
Diagonal Size	18.5"
On-Screen Display (OSD)	Accessible through switches on the unit's tethered OSD Control Keypad. Controls: Menu, Up, Down, Select, Power Settings: Brightness, Contrast, Clock, Phase, H-position, Vposition, 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 75mm mounting interface on rear of unit; 2-hole mounting interface on all 4 sides
Native Resolution	1366x768
Aspect Ratio	16:9
Preset Video Timings	720 x 350 at 70Hz; 720 x 400 at 70Hz; 640 x 480 at 60, 72, 75Hz; 800 x 600 at 56, 60, 72, 75Hz; 800 x 500 at 60Hz; 832 x 624 at 75Hz; 1024 x 768 at 60, 70, 75Hz; 1280 x 800 at 60Hz; 1280 x 960 at 60Hz; 1280 x 1024 at 60, 75Hz; 1366 x 768 at 60Hz
Number of Colors	16.7 million
Brightness (typical)	LCD Panel: 250 nits; with IntelliTouch Plus: 225 nits; with PCAP: 225 nits
Response Time (Tr + Tf) (typical)	5 ms
Viewing Angle (typical)	Horizontal: 170°; Vertical: 160°
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
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: ON (monitor + AC/DC adapter at 230V/50Hz): 19W(typ), 25W (max); SLEEP (monitor + AC/DC adapter at 230V/50Hz): 2.0W; OFF (monitor + AC/DC adapter at 230V/50Hz): 1.0W
Audio	N/A (No audio functionality)
Weight	Unpackaged: 7.38 lbs (3.35kg); Packaged: 10.58 lbs (4.8kg)
Shipping Dimensions	21.45" (L) x 14.37" (W) x 5.5" (H) (54.5cm x 36.5cm x 14cm)
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	C-Tick, cUL, IC, CCC, CE, VCCI, KCC, CoC, BSMI; UL, FCC; CB, RoHS, WEEE, IMERC
Warranty	3 years
MTBF	50,000 hours demonstrated

Note: MTBF (Mean Time Between Failures) An MTBF measurement is based on a statistical sample and is not intended to predict any one specific unit's reliability; thus MTBF is not, and should not be construed as a warranty measurement.

*See dimensional drawings for details. **Power brick sold separately.

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