

- Pure glass touchscreens for optimal image quality
- Multiple mounting options
- Commercial durability
- 3 Year Standard Warranty



## 1940L 19" LED Open-Frame Touchmonitor

Available with either IntelliTouch Plus multi-touch surface acoustic wave touchscreen technology or projected capacitive for a no bezel look, the Elo 1940L provides stable "driftfree" 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 16:9 displays like the Elo 1940L support extra content on the screen and are becoming preferred where a large 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 backlight, 170°(h) x 160°(v) viewing angle and 1000:1 contrast ratio for a bright display in a thin, compact, space-saving mechanical design.

The 1940L has a compact form factor with optional rack and front-mount bezels for easy integration. It features a unique injection-molded 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:

- Long lasting product life—enclosure controlled by Elo specifications
- Integrated precision mini-bezel with water-resistant 0.5 mm seal (IntelliTouch Plus only)
- Mounting options include rack and front-mount
- Compact mechanical design
- Choice of IntelliTouch Plus multi-touch or projected capacitive (PCAP) touchscreen technology
- LED backlight uses 25% less power
- Worldwide agency approvals

## Applications:

- Gaming machines
- Information kiosks
- Self-service and ticketing

## 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.



## 1940L 19" LED Open-Frame Touchmonitor

|                                       |  |
|---------------------------------------|--|
| Model                                 | 1940L  |
| 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 with LED backlighting  |
| Diagonal Size                         | 18.5"  |
| On-Screen Display (OSD)               | Accessible through switches on the unit's tethered OSD Control Keypad.<br>Controls: Menu, Up, Down, Select, Power<br>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<br>Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese<br>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)              | 1000:1   |
| 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**                               | Monitor input power connector: Coaxial power jack (2mm pin outer diameter, 6.4mm barrel inner diameter)<br>Monitor input power signal specifications: 12VDC $\pm$ 5%<br>Adapter input connector: IEC 60320 C14<br>Adapter input voltage range: 100-240VAC, 50/60Hz<br>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  |

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

## Ordering Information

| Model | Part Number | Technology           | Interface | Surface Treatment | Availability |
|-------|-------------|----------------------|-----------|-------------------|--------------|
| 1940L | E855244     | IntelliTouch Plus    | USB       | Clear             | Worldwide    |
|       | E065303     | Projected capacitive | USB       | Clear             | Worldwide    |

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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