



# 1990L 19-inch LCD

Open-Frame Touchscreen



**Integrated Touch**



**Commercial Grade**



**3-Year Warranty**

## Product Overview

The Elo 1990L 19-inch open-frame LCD touchscreen features a slim design and narrow outside dimensions due to the state-of-the-art, energy-saving LED backlight, using less electricity to operate and generating less heat. This compact display is designed for touch, with proven Elo expertise and reliability built in. The 1990L provides stable, drift-free operation with outstanding image clarity and light transmission for accurate touch responses and vivid images. Instantly grabbing and holding users' attention, the open-frame touchscreen is perfect for kiosks, casino and amusement, retail self-service, and industrial automation environments.

**Choice of Elo touch technologies:**  
Standard bezel: IntelliTouch<sup>®</sup> SAW  
Zero-bezel: TouchPro<sup>™</sup> PCAP

**Elo's TouchPro PCAP offers:**

- **2GS (two glass solution) with pristine optical clarity and touch durability.**
- **10 touch with thru-glass capabilities that passes UL-60950 & IK-07 impact testing**

**Video Interfaces: HDMI, VGA & Display Port**

## 1990L 19-inch Open-Frame Touchscreen

| Specifications              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                       | 1990L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Color                       | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Active Display Area         | 14.8" x 11.85" / 376.32mm x 301.06mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Diagonal                    | 19"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Aspect Ratio                | 5:4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Dimensions                  | Bezel: 16.33" x 13.50" x 1.97" / 414.7mm x 342.7mm x 50mm<br>Zero-Bezel: 16.54" x 13.70" x 1.60" / 420.1mm x 348.1mm x 40.7mm                                                                                                                                                                                                                                                                                                                                                                                                    |
| Native Resolution           | 1280 x 1024 at 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Other Supported Resolutions | 640x480 at 60Hz; 720x400 at 70Hz; 800x500 at 60Hz; 800x600 at 56, 60Hz; 1024x768 at 60Hz; 1280 x 800 at 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Number of Colors            | 16.7 million                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Number of Touches           | Single-touch and 10-touch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Brightness (typical)        | LCD Panel: 250 nits; IntelliTouch: 225 nits; TouchPro PCAP: 225 nits                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Response (typical)          | 5 msec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Viewing Angle               | Horizontal: 85°/170°; Vertical: 80°/160°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Contrast Ratio              | 1000:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| On-Screen Display           | Accessible through switches on the unit's tethered OSD Control box.<br>Controls: Menu, Up, Down, Select, Power<br>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 Priority, Information, Touch On Sleep Mode, Touch Through<br>Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese<br>Lockouts: OSD, Power |
| Video                       | HDMI V1.3 Type A receptacle for HDMI input<br>Analog VGA on Female DB-15 connector<br>DisplayPort V1.1a - Supports later versions of Display Port video input<br><br>Input Video Horizontal Sync frequency range: 30 - 82KHz<br>Input Video Vertical Sync (frame rate) frequency range: 50-75Hz                                                                                                                                                                                                                                  |
| Power                       | External DC - Optional power brick (sold separately)<br>Monitor input power connector: Coaxial power jack (2.0mm (+0.0 -0.1mm) pin outer diameter, 6.4mm (+/- 0.3mm) barrel inner diameter, 8.8mm (+/- 0.3mm) barrel depth)<br>Monitor input power signal specifications: 12VDC +/- 5%                                                                                                                                                                                                                                           |
| Power Consumption           | ON (monitor + power brick): 22W<br>SLEEP (monitor + power brick): 1.5W<br>OFF (monitor + power brick): 0.5W                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Temperature                 | Operating: 0 °C to 40 °C (32 °F to 104 °F); Storage: -20 °C to 60 °C (-4 °F to 140 °F)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Humidity                    | Operating: 20% to 80%; Storage: 10% to 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Weight                      | Unpackaged: 10.14 lbs / 4.6 kg; Packaged: 15.43 lbs / 7.0 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Shipping Dimensions         | 20.71" x 17.72" x 7.48" / 526mm x 450mm x 190mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Mounting Options            | 100mm VESA mount (TouchPro PCAP Models); 75mm and 100mm VESA mount (IntelliTouch Models); Rear mount (TouchPro PCAP Models); 2 Hole mounting interface on all four sides. Front mount with optional bezel kit (IntelliTouch Models); Rack mount with optional kit (IntelliTouch Models); Flush mount with included brackets (TouchPro PCAP Models) See dimensional drawings for details                                                                                                                                          |
| Warranty                    | 3 years standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MTBF                        | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Agency Approvals            | UL, FCC; RCM; cUL, IC; CCC; CE, TUV; VCCI; KCC; CoC; BSMI; CB; RoHS, China RoHS, WEEE, IMERC                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| What's in the Box           | HDMI Cable, VGA Cable, OSD Remote, Touch USB Cable, User Manual CD and Quick Install Guide; For Zero-Bezel Models: Flush Mount Brackets w/Screws; For Bezeled Models: "L" (Side Mount) Brackets w/Screws, EEI Label, Japan Class-B TM info sheet                                                                                                                                                                                                                                                                                 |

## Ordering Information

| Model | Part Number | Part Description           | Technology    | Interface       | Surface Treatment | Video Interface          | Availability |
|-------|-------------|----------------------------|---------------|-----------------|-------------------|--------------------------|--------------|
| 1990L | E330817     | ET1990L-2UWB-0-MT-ZB-NPB-G | TouchPro PCAP | USB             | Clear             | HDMI, VGA & Display Port | Worldwide    |
|       | E328497     | ET1990L-8CWB-0-ST-NPB-G    | IntelliTouch  | Dual serial/USB | Clear             | HDMI, VGA & Display Port | Worldwide    |

## Extended Warranty Options

| Part Number | Description                                                  |
|-------------|--------------------------------------------------------------|
| 758588-000  | 1 Year Extended Warranty, 7-inch to 22-inch LCD Touchmonitor |
| 930057-000  | 2 Year Extended Warranty, 7-inch to 22-inch LCD Touchmonitor |
| E67295-000  | Elo advance unit replacement for touchmonitors               |

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

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