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.

**Product Overview**

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

**Elo’s TouchPro PCAP offers:**
- 2GS (two glass solution) with pristine optical clarity and touch durability.
- 10 touch with thru-glass capabilities that pass UL-60950 & IK-07 impact testing

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

**Integrated Touch**
**Commercial Grade**
**3-Year Warranty**
1990L 19-inch Open-Frame Touchscreen

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>1990L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Active Display Area</td>
<td>14.8” x 11.85” / 376.32mm x 301.06mm</td>
</tr>
<tr>
<td>Diagonal</td>
<td>19”</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>5:4</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Bezel: 16.33” x 13.50” x 1.97” / 414.7mm x 342.7mm x 50mm</td>
</tr>
<tr>
<td></td>
<td>Zero-Bezel: 16.54” x 13.70” x 1.60” / 420.1mm x 348.1mm x 40.7mm</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>1280 x 1024 at 60 Hz</td>
</tr>
<tr>
<td>Other Supported Resolutions</td>
<td>640x480 at 60Hz; 720x400 at 70Hz; 800x600 at 56, 60Hz; 1024x768 at 60Hz; 1280 x 800 at 60Hz</td>
</tr>
<tr>
<td>Number of Colors</td>
<td>16.7 million</td>
</tr>
<tr>
<td>Number of Touches</td>
<td>Single-touch and 10 touch</td>
</tr>
<tr>
<td>Brightness (typical)</td>
<td>LCD Panel: 250 nits, IntelliTouch: 225 nits, TouchPro PCAP: 225 nits</td>
</tr>
<tr>
<td>Response (typical)</td>
<td>5 msec</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>Horizontal: 85°/170°; Vertical: 80°/160°</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>1000:1</td>
</tr>
</tbody>
</table>

On-Screen Display

Accessible through switches on the unit’s tethered OSD Control box.

Controls: Menu, Up, Down, Select, Power


Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese

Lockouts: OSD, Power

Video

HDMI V1.3 Type A receptacle for HDMI input

Analog VGA on Female DB-15 connector

DisplayPort V1.1a - Supports later versions of Display Port video input

Input Video: Horizontal Sync frequency range: 30 - 82KHz

Input Video: Vertical Sync (frame rate) frequency range: 50-75Hz

Power

External DC - Optional power brick (sold separately)

Monitor input power connector: 2.0mm (+0.0 -0.1mm) pin outer diameter, 6.4mm (+/- 0.3mm) barrel inner diameter, 8.8mm (+/- 0.3mm) barrel depth

Monitor input power signal specifications: 12VDC +/- 5%

Power Consumption

ON (monitor + power brick): 22W

SLEEP (monitor + power brick): 1.5W

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; 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

<table>
<thead>
<tr>
<th>Model</th>
<th>E330817</th>
<th>ET1990L-2UWB-0-MT-ZB-NPB-G</th>
<th>TouchPro PCAP</th>
<th>USB</th>
<th>Clear</th>
<th>HDMI, VGA &amp; Display Port</th>
<th>Worldwide</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>E328497</td>
<td>ET1990L-8CWB-0-ST-NPB-G</td>
<td>IntelliTouch</td>
<td>Dual serial/USB</td>
<td>Clear</td>
<td>HDMI, VGA &amp; Display Port</td>
<td>Worldwide</td>
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</table>

Extended Warranty Options

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>758588-000</td>
<td>1 Year Extended Warranty, 7-inch to 22-inch LCD Touchmonitor</td>
</tr>
<tr>
<td>930057-000</td>
<td>2 Year Extended Warranty, 7-inch to 22-inch LCD Touchmonitor</td>
</tr>
<tr>
<td>E67295-000</td>
<td>Elo advance unit replacement for touchmonitors</td>
</tr>
</tbody>
</table>

To find out more about our extensive range of Elo touch solutions, go to elotouch.com, or call the office nearest you.