



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[®] SAW
Zero-bezel: TouchPro[™] PCAP**

**PCAP 2GS (two glass solution)
offers pristine optical clarity
and touch durability**

**10 touch projected capacitive with
Thru-glass capabilities that passes
UL-60950 & IK-07 impact testing**

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 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; Projected Capacitive (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. Controls: Menu, Up, Down, Select, Power 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 Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese Lockouts: OSD, Power
Input Video Format	Analog VGA and DisplayPort
Input Video Signal Connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning Frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
Power	External DC - Optional power brick (sold separately) 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) Monitor input power signal specifications: 12VDC +/- 5%
Power Consumption	ON (monitor + power brick): 18W 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 lb (4.6 Kg); Packaged: 15.21 lb (6.9 Kg)
Shipping Dimensions	20.71" x 17.72" x 7.48" / 526mm x 450mm x 190mm
Mounting Options	75mm VESA mount (PCAP Models); 75mm and 100mm VESA mount (IT/AT/ST Models); Rear mount (PCAP Models); 2 Hole mounting interface on all four sides; Front mount with optional bezel kit (IT/AT/ST Models); Rack mount with optional kit (IT/AT/ST Models); Flush mount with included brackets (PCAP Models)
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	All displays include: VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
1990L	E178104	ET1990L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E197256	ET1990L-8CWA-0-ST-NPB-G	IntelliTouch	Dual serial/USB	Clear	VGA & DP	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, or call the office nearest you.

North America

Tel +1 408 597 8000
Fax +1 408 597 8050
elosales.na@elotouch.com

Europe

Tel +32 (0)16 70 45 00
Fax +32 (0)16 70 45 49
elosales@elotouch.com

Asia-Pacific

Tel +86 (21) 3329 1385
Fax +86 (21) 3329 1400
www.elotouch.com.cn

Latin America

Tel +1 786-923-0251
Fax +1 305-931-0124
elosales.latam@elotouch.com

Elo reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products. Elo, the Elo logo IntelliTouch and TouchPro are either trademarks or registered trademarks of Elo Touch Solutions, Inc. All other trademarks are the property of their respective owners. © 2017 Elo Touch Solutions, Inc. All rights reserved. 17032AES00034

