



# 1900L 19" LCD Wide-Aspect Touchmonitor

Elegant design and high-definition performance with “Zero-Bezel” APR touch technology

**The 1900L is one of the first wide-aspect ratio touch monitors with a virtually 100-percent useable surface area.** The unique “zero-bezel” design removes the frame, or bezel, of standard monitors to create a seamless glass surface that showcases the wide-screen, high-definition experience today’s consumers have come to expect. This smooth, seamless touchmonitor surface is possible with state-of-the-art Elo TouchSystems **Acoustic Pulse Recognition (APR)\*** touch technology. The 1900L is intended for use in high-traffic retail, hospitality and other public environments, and offers both aesthetic elegance and world-class durability.

Because APR technology works by recognizing the sound created when the monitor’s surface is touched, users can interact with the 1900L touchscreen with virtually any kind of stylus—from a fingertip to the edge of a credit card. The monitor also provides zero-drift performance and since it is calibrated at the factory, it never needs user recalibration, thus ensuring a long, low-maintenance functional life.

The seamless glass surface of the Elo 1900L provides high quality optics and is complimented by durability with superb dragging properties. The easy-to-clean screen is resistant to water, dust and grease, making it preferred for use in public-access environments.

## Features

- Sleek, integrated design offers a stylish look for public venues
- Wide-screen format provides more application space
- Pure-glass construction provides enhanced optical performance, uninterrupted surface area, and easy-to-clean seamless surface
- “Designed for touch” features include a stable tilt base
- Dual independent hinges and an adjustable height stand provide flexibility to meet a variety of height requirements; can also be installed in portrait mode
- Space-saving built-in 2W speakers
- User-lockable on-screen display—designed for public access
- VESA compliance makes wall or arm-mounting possible
- AC and DC power for maximum input flexibility
- VGA and DVI video input (Standard European models without DVI)
- Screen is resistant to water, dust, grease
- One-time factory calibration for easy deployment and integration

\*Also available with IntelliTouch surface acoustic wave touch technology in a standard bezel design.



# 1900L 19" Wide-Aspect Touchmonitor

Case/Bezel color	Dark Gray or Beige
Display type	Active matrix TFT LCD
Display size	19.0" diagonal
Active display area	408.24mm x 255.15mm (16.07" x 10.05")
Dimensional drawing number	MS600650 (Available @ <a href="http://www.elotouch.com">www.elotouch.com</a> )
Native resolution	1440 x 900
Preset Video Modes	640x480 @ 60, 66, 72 Hz; 720x350 @ 70 Hz; 720x400 @ 70 Hz; 800x600 @ 56, 60, 72 Hz; 832x624 @ 75 Hz; 1024x768 @ 60, 65, 72, 75 Hz; 1152x864 @ 75 Hz; 1280x768 @ 65 Hz; 1280x960 @ 60 Hz; 1280x1024 @ 60, 75 Hz; 1360x768 @ 60 Hz; 1366x768 @ 60 Hz; 1440x900 @ 60 Hz; 1680x1050 @ 60 Hz
Colors	16.7 million colors
Brightness (typical):	LCD Panel with no screen: 250 nits; APR: 225 nits; IntelliTouch: 225 nits
Response Time (Tr + Tf)	5ms typical
Viewing Angle	Horizontal: 80°(looking left)/80°(looking right) typical at a CR>10 Vertical: 80°(looking down)/80° (looking up) typical at a CR>10
Contrast Ratio	1000:1 (Typical)
Input Video Format	1. RGB Analog Video; 2. DVI Video (not available on European models)
Input Sync Format	Separate H & V sync, Composite Sync, and Sync-On-Green
Input Video Signal Connector	1. 15-pin female D-sub for Analog Video; 2. Female DVI-D for Digital Video
Range of displayable input video	Horizontal scan frequency: 30-83 kHz Vertical frame rate: 56-76 Hz
Power Consumption	70W maximum, 38.2W typical (at 120V/60Hz)
Power Supply—Internal	Monitor Input Voltage: 100-240 VAC, 50/60Hz
Power Supply—External	Monitor Input Voltage: 12V ±5%
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)
Humidity (non-condensing)	Operating: 20% to 80%; Storage: 10% to 90%
Internal Speakers	Two 2W speakers
Audio Input Connector	3.5mm TRS jack
Headphone Output Connector	3.5mm TRS jack
Monitor MTBF (excluding lamps)	50,000 hours demonstrated
Backlight Lamp Life	40,000 hours minimum
Weight—with stand (approx.)	Actual: 9.03kg (19.9 lbs); Shipping: 12.15kg (26.8 lbs)
Weight—without stand (approx.)	5.97kg (13.16 lbs)
Mounting Options	1. With provided stand (on flat surface or bolted to surface via holes in base) in landscape or portrait mode 2. 100mm VESA rear-mount
User Controls (through On Screen Display)	<ul style="list-style-type: none"> <li>• OSD buttons: menu, up, down, select, power</li> <li>• OSD: automatic adjustment, contrast, brightness, H/V position, clock, phase, fill screen, color temperature, input video select, OSD H/V position, OSD timeout, language (English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese), Recall Defaults, Sharpness, Volume, Mute, Input video select</li> <li>• OSD locking/unlocking and power locking/unlocking</li> </ul>
Warranty	3 years
Touch Interface	APR: USB only; IntelliTouch: Serial/USB
Agency Certification	Australia C-Tick, China CCC, Japan VCCI, Korea EK, Korea MIC, Taiwan BSMI, Argentina S-mark, UL, cUL, FCC, Mexico NOM, CE, Russia PCT, China RoHS, WEEE, IMERC, EU RoHS
Other Features	Security lock receptacle

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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