



3239L 32" Open-Frame Wide-Aspect LCD Touchmonitor

Tyco Electronics' Elo TouchSystems open-frame touchmonitor series features the 3239L that delivers a cost-effective touch solution for OEMs and systems integrators, and complements Elo's expanded family of touch solutions for gaming and amusement, retail self-service and digital signage applications. This compact 3000-series touchmonitor is "designed for touch", with Elo's proven expertise and reliability built-in, not added as an afterthought by altering an existing monitor.

The 3239L features a brilliant wide-viewing-angle LCD panel to instantly grab and hold the user's attention, whether they are checking out retail goods with a self-service kiosk, interacting with a digital signage application or playing games in a casino or arcade. Because the enclosure is controlled by Elo's specifications and tooling, Elo's open-frame monitors have a long-lasting product cycle, which is important to maintain continuity through all phases of project rollouts and servicing. The 3239L features a unique, injection-molded bezel with a virtually invisible watertight seal, making it a good choice for the rigors of public use. Narrow borders, multiple mounting options, and a dual serial/USB touch interface add to the versatility of the 3239L. Worldwide agency approvals, as outlined on the back side of this sheet, cover the entire monitor that is designed, built and supported by Elo TouchSystems, a true single-source supplier.

The 3239L is available with either the innovative Elo TouchSystems APR (Acoustic Pulse Recognition) or IntelliTouch surface acoustic wave touch technology. The comprehensive range of features includes analog and digital interfaces, multi-lingual on-screen display (OSD), mounting VESA standard, mounting brackets, cabled remote on-screen display (OSD), and worldwide compliance.

Features

- A bright, high-contrast display with wide-viewing-angle easily attracts and holds the user's attention.
- Pure glass Elo TouchSystems Acoustic Pulse Recognition technology combines optical quality, durability and drift-free stability, with excellent drag properties.
- Elo TouchSystems IntelliTouch (surface acoustic wave) technology offers high quality optics, durability, and long-term reliability.
- A sealed protective bezel is resistant to liquid splashes and spills.
- The enclosure is controlled by Elo TouchSystems specifications and results in a long-lasting product cycle.
- Multiple mounting options are available.
- Dual serial and USB connectivity are standard.
- Worldwide agency approvals and a three-year standard warranty are backed by Elo TouchSystems.



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| Case/Bezel Color | Dark gray |
| Display Type | Active matrix TFT LCD |
| Display Size | 32.0" diagonal |
| Useful Screen Area | Horizontal: 697.7 mm Vertical: 392.3 mm |
| Monitor Dimensions | Width: 784 mm Height: 474 mm Depth: 110 mm |
| Optimal (Pre-Set) Resolution | 1366 x 768 |
| Other Supported Resolutions | 640 x 480 @ 60 Hz, 800 x 600 @ 56 Hz, 800 x 600 @ 60 Hz, 1024 x 768 @ 60 Hz, 1280 x 960 @ 60 Hz, 1280 x 1024 @ 60 Hz, 1360 x 768 @ 60 Hz, 1366 x 768 @ 60 Hz, 1600 x 1200 @ 60 Hz, 1680 x 1050 @ 60 Hz |
| Colors | 16.7 million colors |
| Brightness (typical) | LCD Panel: 500 cd/m ² , min. 400 cd/m ² with IntelliTouch: 450 cd/m ² , min. 340 cd/m ² with APR: 450 cd/m ² , min. 340 cd/m ² |
| Response Time | Typical Rise Time 8 msec Typical Fall Time 8 msec |
| Viewing Angle (typical) | Horizontal: 89° (looking left) / 89° (looking right) at a CR>10 Vertical: 89°(looking down) / 89° (looking up) at a CR>10 |
| Contrast Ratio | 1500:1 (typical) |
| Input Video Format | 1. RGB Analog Video 2. DVI Video (not available on 3239L-xxEx 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 |
| Scanning Frequency Ranges | Horizontal: 30 - 75 kHz Vertical: 48 - 63 Hz |
| Power Consumption | 145W typical, 190W maximum (at 110V/60Hz input) |
| Power Supply - Internal | Monitor Input Voltage: 100-240 VAC, 50/60Hz |
| Temperature | Operating: 0°C to 40°C Storage: -20°C to 60°C |
| Humidity (non-condensing) | 20% to 80% humidity (non-condensing) 10% to 90% humidity (non-condensing) |
| Monitor MTBF (excluding lamps) | 50,000 hours demonstrated |
| Backlight Lamp Life | 50,000 hours minimum |
| Weight (approx.) | Actual: 17.3 kg; Shipping: 21.6 kg |
| Other Features | 100mm VESA mount; Digital on-screen display (OSD); User's control: OSD buttons: menu, up, down, select; OSD: automatic adjustment, contrast, brightness, H/V position, clock, phase, color temperature, input video select, OSD H/V position, OSD timeout, language (English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese), recall color, recall defaults, sharpness, display information; OSD locking/unlocking and power locking/unlocking |
| Warranty | TouchMonitor: 3 years |
| Touch Interface | USB (APR, IntelliTouch) and Serial (IntelliTouch) |
| Agency Certification | UL (US), cUL (Canada), GS Mark (Germany), FCC (US), CE (EU), NOM (Mexico), PCT (Russia), CCC/RoHS (China), eK/Mic (Korea), BSMI (Taiwan), Singapore, VCCI (Japan), C-Tick (Australia) and S-mark (Argentina), WEEE, IMERC. |

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

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