



Touchmonitors for Gaming and Casino Management

- EXCELLENT TECHNOLOGY
- LARGEST SELECTION
- WORLD CLASS RELIABILITY



www.elogaming.com



Tyco Electronics



Touch captures player's imagination in ways not possible with buttons

Tens of thousands of gaming monitors move through our warehouses

Reliable gaming monitors from the world leader in touchmonitors

Tyco Electronics' Elo TouchSystems business produces a complete line of monitors for gaming machines as well as applications throughout the casino. Our gaming monitor line is the direct result of talking to industry people like you. You wanted higher-quality monitors with greater reliability, new features, and an excellent touch technology—and we have delivered just that.

Experienced monitor design and production

We invented the touchscreen more than 35 years ago. Today, we have over 35 different models in more than 100 standard product variations. For over 15 years, we have offered monitors designed for a variety of specialised markets including point of sale (POS), industrial, medical, gaming, and kiosk.

Proven quality

Elo gaming monitors have earned their reputation for top quality. Starting with proven basic circuits from our desktop monitors, we engineer and build monitors specifically for the demanding requirements of the gaming and amusement industry. Our monitors are designed for touch—it's not added as an afterthought from a different supplier. We even build our monitors under the same roof as our touch technology.

A worldwide company with people you can trust

We have expanded our leadership in the global touch marketplace by proving ourselves every day. With direct offices in 20 countries, we are in your time zone, speak your language, and can deliver quickly from warehouses on each continent. We are there when you need us.

Tyco Electronics is a leading global provider of engineered electronic components, network solutions and wireless systems. With over 8,000 engineers and worldwide manufacturing, sales and customer service capabilities, Tyco Electronics' commitment is our customers' advantage.



LCD gaming monitors with a choice of touch technology

- Choice of IntelliTouch surface wave for superior picture quality, SecureTouch for greater vandal resistance or Elo capacitive for backward compatibility
- Combined serial and USB touch interface
- Fast, high contrast, wide viewing angle panels - always Grade A
- LVDS option
- Unique precision minibezel with virtually invisible watertight seal (optional with capacitive)
- Sizes include 12", 15", 17", 19", 19" wide, 20", 22", 26", 32" and custom models
- Long-lasting product cycle—enclosures controlled by Elo specifications and tooling
- Future-generation panels can be phased-in without external changes
- Multiple mounting options
- Downloadable 3-D electronic design files for a perfect fit in your cabinet
- Worldwide agency approvals, plus factory support in total system approvals
- Warranty service in your region

Anti-Vandal SecureTouch LCD monitors

You can now offer your customers an important new option on Elo gaming monitors— SecureTouch break-resistant glass—and for only a small price difference. As the monitor dimensions remain the same, your cabinet does not need to be adapted.



Custom Monitors



Discuss, Design, Deliver

Elo's 3D (Discuss, Design, Deliver) team is a great resource for your specialized requirements. If our standard line of touchmonitors doesn't provide one that's a perfect fit, our product design experts can build you one that is. We can also produce a drop-in replacement for your existing monitor, with both hardware and software compatibility along with the added benefit of Elo touch technology.

Elo gaming monitors are certified, declared to conformity, or designed to meet the following standards as a complete system: FCC Part 15 Class B, ICES-03 Class B, VCCI Class B, C-Tick Class B, UL 60950, C22.2 60950-00 (cUL), TÜV Bauart EN 60950: 1992+A1/A2/A3/A4/A11, CE EMC Emissions Class B (EN 50081-1, EN 55022), Immunity (EN 50082-1, EN 55024), Low Voltage Directive, Safety (EN 60950), EN 61000-3-2 Class A, EN61000-3-3, EN 61000-4-2 Electrostatic Discharge, EN 61000-4-3 Level 2, EN 61000-4-4 Level 2, EN 61000-4-5 Level 3, EN 61000-4-6 Level 2, EN 61000-4-8, EN 61000-4-11, UL 22 Amusement and Gaming Machines, Nevada State Regulation 14; Technical Standards for Gaming Devices #1.020 Electrical Interference Immunity, #1.090 Safety, Part 5.1.1 ESD, Nevada State Requirement for AC 40 kV/500 MHz, CB Report & Certificate (all member deviations), Demko D Mark, Gost_R and CCC.

Touchmonitors for applications throughout the casino

Besides the extensive line of monitors available to game manufacturers, we offer a complete line of monitors for other areas of the operation. We have touchmonitors ideally suited for gaming management, as well as retail and hospitality POS systems and loyalty kiosks.

Lottery

We offer specialized touchmonitors for both employee-activated lottery POS systems and public VLTs. We also supply touch technology to some of the largest lottery OEMs in the world.

Touchcomputers and bingo

Our all-in-one touchcomputers offer a complete system in the footprint of a standard desktop monitor. Silent, fanless, elegantly styled, and space saving, they are a perfect fit for bingo halls and many other applications.



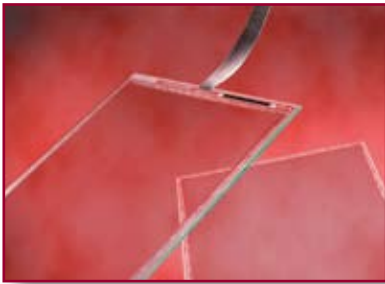
Unrivalled touch technology

We are the leader in touch technology with nine product lines and more than 50 active patents.

NEW



Our newest technology:
APR (Acoustic Pulse Recognition)



AccuTouch 5-wire resistive



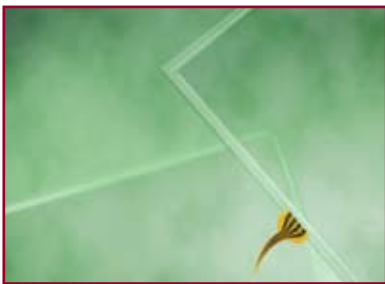
CarrollTouch infrared



Projected capacitive



Surface capacitive



AT4 4-wire resistive



IntelliTouch surface wave



SecureTouch anti-vandal surface wave



iTouch surface wave

Elo surface wave

An outstanding player's experience yields increased coin-drop. In independent comparative tests, players simply preferred Elo IntelliTouch surface-wave touch technology over our main competition.

- Extremely fast, sensitive touch response
- A very accurate touch, even for small targets like internet hyperlinks
- Drift-free performance, not affected by surrounding metal or poor earths
- Never an incorrect or averaged double-touch from two players
- Ultimate picture quality and light transmission, with no metallic layers or coatings
- Minimized reflections from overhead lights
- Z-axis for pressure adds a new dimension to games

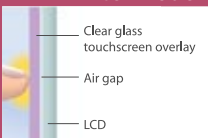
Elo offers clear glass IntelliTouch, anti-vandal SecureTouch and iTouch "touch-on-tube" surface-wave technology. And only Elo has recently patented true flat surface-wave technology with the transducers on the *back* of the glass.

Elo capacitive

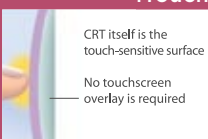
Our capacitive touchscreens provide a solution for customers seeking an alternative to the currently available capacitive options. The touchscreens feature Elo's advanced Z-border, a patented linearization electrode pattern, as well as a ground layer to insure excellent accuracy and operation in electrically noisy environments. Elo's precise new controller is drop-in compatible with both industry standard protocols. With the addition of capacitive touchscreens, we are firmly positioned as the primary single-source solution for all mainstream touch technologies.

How touch systems work

IntelliTouch



iTouch



Capacitive



Surface wave is applied on a piece of clear glass that is then integrated into an LCD. The controller develops a digital map of the glass using ultrasonic waves in the surface. A bare or gloved finger absorbs a portion of the waves travelling across the surface and the resulting change in the received signal is analysed by the controller and digitised into X and Y coordinates. A third coordinate—Elo's unique Z-axis—senses pressure by measuring how much signal is absorbed. IntelliTouch uses anti-glare glass, SecureTouch special break-resistant glass that is 2.5X stronger; iTouch is applied directly on the CRT faceplate.

Elo's capacitive technology consists of a uniform conductive coating on a glass panel. During operation, electrodes around the panel's edge evenly distribute a low voltage across the conductive layer, creating a uniform electric field. A touch draws current from each corner. The controller measures the ratio of the current flow from the corners and calculates the touch location.



Elo touchmonitors and touchcomputers are available with peripheral options including magnetic stripe readers, various rear-facing customer displays, and biometric fingerprint readers. Sizes shown range from 12" to 19". Sizes above 32" are also available.



All Elo desktop touchmonitors and touchcomputers are designed for touch from the ground up, with features like these:

- Spill-resistant sealing
- Stable tilt bases that are removable or reversible for wall mounting, with mounting holes for tabletop security
- Full connectivity incorporated in the monitor including USB hub
- Cables hidden from user view
- Controls on the side rather than the front, plus lockout function for public use



Why Elo?

Experience what more and more gaming professionals have discovered:

- Elo monitor quality has set a new standard in the market
- Elo surface wave lasts extremely long—no issues with recalibration or scratches (that's why no aftermarket even exists for replacement Elo overlays)
- Benefit from local customer service and support in your language, from product conception to rollout and beyond
- Our compliance engineers assist as needed for your total system approvals
- Pull from stock in a warehouse near you or pick up directly at our factory

Visit our website devoted to gaming: www.elogaming.com

Connect right now, choose your product, then give us a call!

- Complete product specifications for comparison
- Downloadable drawings, agency documentation, and other tech info
- Drivers and programming tips
- Press releases
- Success stories

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