

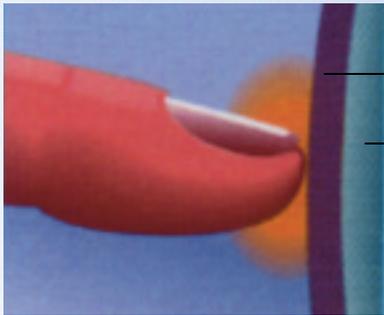


IntelliTouch® Surface-Wave Touchscreens

The Picture-Perfect, Precision Touch Solution

Benefits of IntelliTouch

- Smart, fast touch response with finger, gloved-hand, and soft stylus
- Superior image clarity, resolution and light transmission
- Stable, drift-free operation
- Durable, scratch-resistant glass surface—continues to work even if scratched
- Sealable against contaminants



Glass touchscreen

CRT or flat panel

IntelliTouch Surface-Wave Technology

The IntelliTouch system has three main components: a clear solid-glass screen formed to match the shape of a display, an electronic controller, and a software driver.

The controller uses ultrasonic waves on the glass to develop a digital map of the touchscreen surface. When you touch the screen, you absorb a portion of the wave traveling across it. The received signal is then compared to the stored digital map, the change recognized, and a coordinate calculated. The digitized coordinates are transmitted to the computer for processing.

The Clearest, Most Reliable Touchscreens

Solid glass and Elo's patented surface-wave technology are the keys to the unsurpassed stability, clarity and durability of the IntelliTouch product line. The only solid-glass touchscreen in the industry with no coatings or front layers, IntelliTouch touchscreens deliver the clearest image possible. For today's highly graphical presentations—in multimedia kiosks, interactive training programs, and self-service catalogs—IntelliTouch touchscreens attract attention and invite use.

IntelliTouch touchscreens also offer unmatched reliability. Tested to function perfectly even after more than 50 million touches in one location, IntelliTouch touchscreens have no known wear mechanism.

Fast and Sensitive

Elo's touchscreen controller is highly sensitive—it responds accurately to the lightest touch.

IntelliTouch touchscreens can register more information than simply touch location on the X and Y axes. When you touch an IntelliTouch touchscreen, it also recognizes the amount of

pressure applied—the Z axis. IntelliTouch is the only technology to provide this capability.

Smarter Than the Average Touchscreen

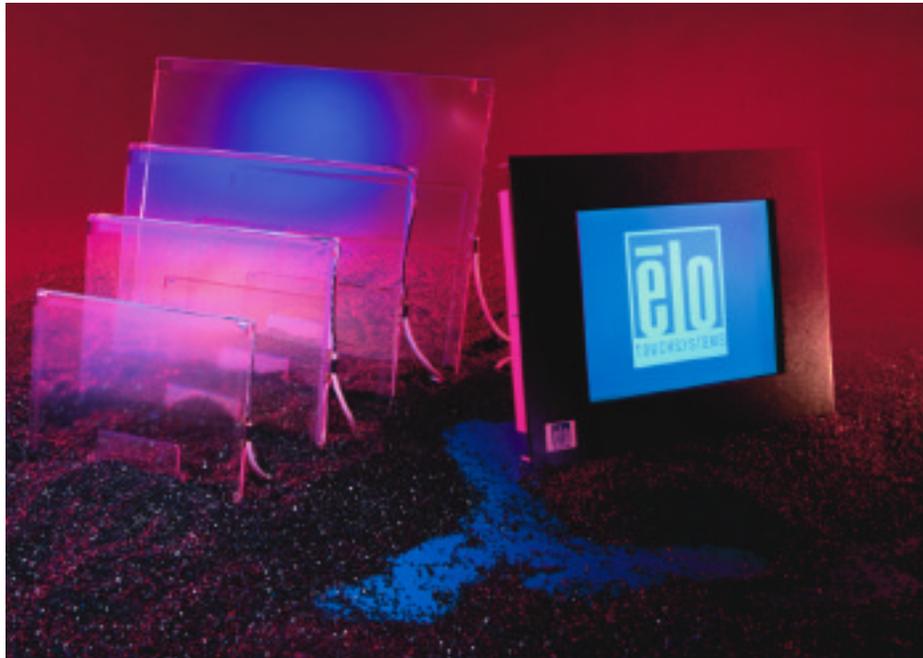
The IntelliTouch controller has the smarts to reprogram or “learn around” contamination—including grease, dirt, bits of food, gum and other substances—and respond immediately to the next touch. It does not register contaminants as touches, and its smart touch response virtually eliminates false touch activation.

An Inherently Stable Technology

IntelliTouch is inherently stable, and our patented surface-wave technology simply won't lose its accuracy.

The stability and accuracy of IntelliTouch touchscreens derives from the consistent velocity of the ultrasonic waves traveling across the surface of the glass screen and the system's ability to measure intervals of time very accurately. These two factors are not affected by environmental conditions, so the touchscreen's calibration remains true over the widest range of application settings and over time.

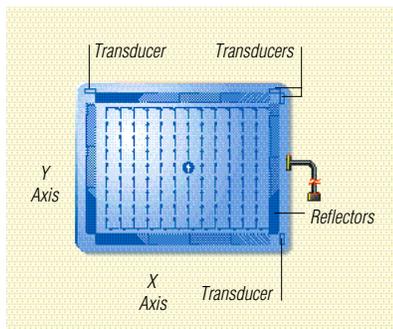
IntelliTouch pure-glass touchscreens provide superior image quality, durability and scratch resistance



IntelliTouch Surface-Wave Touchscreens

Typical Applications

- Point-of-information kiosks
- Electronic catalogs
- In-store locators
- Multimedia demos and marketing
- Ticket sales, vending, and gift registries
- Gaming, lottery and amusement
- Interactive education
- Banking/financial transactions
- Industrial control rooms
- Interactive pay phones
- Computer-based training



Piezoelectric elements located at the corners of the IntelliTouch touchscreen generate an ultrasonic wave. A sophisticated border pattern reflects the wave across the glass, creating a digital map of the touchscreen surface.

Durability

The solid-glass construction of an IntelliTouch touchscreen not only resists scratches and abrasions, but continues to operate even with deep scratches. Elo is a favorite with developers of public access systems such as kiosks and gaming machines because even with severe abuse, IntelliTouch solutions keep working.

Our new sealing capability further enhances durability, offering increased protection from dust, splashing of liquids, and other external contaminants.

Visual Resolution

4096 x 4096 resolution—the highest touchpoint density in the industry—

allows developers flexibility in designing their application, without being restricted to large, screen-consuming touch targets.

Light Transmission

Ninety percent light transmission provides optimized brightness and contrast.

Choose Your Solutions

Elo has the touchscreen solution for your application.

Choice of Touchscreen Size

- Flat touchscreens are available in sizes from 8.4 inches to 17 inches
- Spherical and cylindrical screens are also available from 13 inches to 21 inches
- Custom sizes for OEM quantities

Choice of Surface Treatment

- Clear
- Antiglare
- Privacy filter available for applications involving sensitive information, such as ATM transactions

Choice of Controller

- Internal serial
- External serial
- PC bus

Available Software Drivers

- MonitorMouse mouse-emulation software, available for multiple platforms

- MonitorMice extension, which allows multiple-monitor operation with one PC

Unbeatable Service and Support

- Shipment within 24 hours of order for most standard products in limited quantities
- Product information (1-800-ELO-TOUCH)
- In-depth technical assistance for developers of touch systems (1-800-489-9935)
- Longest warranties in the industry (10 years touchscreen, 5 years touch controller)
- Agency approvals for all components
- Evaluation units for 30-day trial
- Elo's On-line Virtual Tech Support Technician: www.elotouch.com/tech.html

For complete touchscreen specification details, visit our Web site at www.elotouch.com.

For a comparison of touchscreen technologies, and to find out more about Elo's extensive range of touch solutions, visit our Web site at www.elotouch.com.

Or, simply call the office nearest you:

USA

Corporate Headquarters

Elo TouchSystems, Inc.
6500 Kaiser Drive
Fremont, CA 94555-3613

(800) ELO-TOUCH (800-356-8682)
Tel (650) 361-2507
Fax (650) 361-5579
eloinfo@elotouch.com
www.elotouch.com

Germany

Elo TouchSystems GmbH & Co. KG
Haidgraben 6
D-85521 Otterbrunn
Germany

Tel +49 (89) 60822-0
Fax +49 (89) 60822-150
elosales@elotouch.com

Belgium

Elo TouchSystems, Inc.
Diestsesteenweg 692
B-3010 Kessel-Lo
Belgium

Tel +32 (16) 35-2100
Fax +32 (16) 35-2101
elosales@elotouch.com

Japan

Touch Panel Systems Corp.
Nihonbashi K Building
1-14-5, Nihonbashi Bakurocho
Chuo-Ku, Tokyo 103
Japan

Tel +81 (3) 3639-1065
Fax +81 (3) 3639-1069
www.tps.co.jp



Elo TouchSystems, Inc.

To have Elo product information faxed to you, call 1-888-FAX-ME-ELO (1-888-329-6335) or 1-650-556-8462.

www.elotouch.com

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