



## SecureTouch Surface Wave

For High-Threat Indoor Environments

Elo's SecureTouch touchscreens are the preferred touch solution for high-threat environments and indoor applications demanding rugged durability. SecureTouch touchscreens deliver high impact resistance; the durable screen comes in fully tempered, heat or chemically strengthened glass that continues to work even if scratched. With their stable, drift-free operation, the SecureTouch touchscreens are well suited for high usage environments and provides a touch response that is accurate. SecureTouch touchscreens are the ideal touch solution for kiosks in high-threat indoor environments, ticketing machines, interactive pay phones, and gaming machines.

**2701 dual serial/USB controller**



### Benefits

- High impact resistance
- Continues to work even if scratched
- Stable, drift-free operation
- 10-year limited warranty

### Applications

- Kiosks in high-threat environments
- Ticketing machines
- Interactive pay phones
- Gaming machines

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

## SecureTouch Surface Wave Specifications

Mechanical	
Input Method	Finger, finger nail, gloved hand, or stylus activation
Available Sizes	10.4" to 32"; visit our website for full specifications and other offerings
Electrical	
Positional Accuracy	Standard deviation of error is less than 0.080 in. (2mm)
Resolution	Touchpoint density is based on controller resolution of 4096 x 4096, plus 255 levels corresponding to touch pressure
Touch Activation Force	Typically 2 to 3 ounces (55 to 85 grams)
Controller	Board: Serial (RS232) and USB
Optical	
Light Transmission	Up to 90%
Environmental	
Temperature	Operating: -20°C to 50°C; Storage: -40°C to 71°C
Relative Humidity	Operating: 40°C at 90% RH, noncondensing
Altitude	Operating: 10,000ft (3,048m); Storage/transport: 50,000ft (15,240m)
Chemical Resistance	The touch active area of the touchscreen is resistant to chemicals that do not affect glass, such as: acetone, toluene, methyl ethyl ketone, isopropyl alcohol, methyl alcohol, ethyl acetate, ammonia-based glass cleaners, gasoline, kerosene, vinegar
Electrostatic Protection	Per EN 61000-4-2, 1995: Meets Level 4 (15 kV air/8 kV contact discharges)
Agency Approvals	UL, cUL, TÜV, CE, FCC Class A
Sealability	Can be sealed to meet NEMA 3/3R/5/12/12K/13, IP64 standards
Durability	
Surface Durability	Surface durability is that of glass, Mohs' hardness rating of 7
Expected Life	No known wear-out mechanism, as there are no layers, coatings, or moving parts. SecureTouch technology has been operationally tested to more than 50 million touches in one location without failure, using a stylus similar to a finger.
Impact Resistance	Meets UL-60950 and CSA 22.2 No. 60950 ball drop test (0.5kg, 50mm diameter ball dropped from height of 1.3m)
Warranty	Touchscreen: 10-year limited warranty Controller: 5-year limited warranty

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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