

ISurface



GeneralTouch's Zero-bezel Touch, based on surface acoustic wave (SAW) technology, offers a wide range of applications which will meet customer's higher expectations for aesthetics and touch experience. All the reflection stripes are moved to the backside of the touchscreen. The completely flat screen makes the surface perfect and easy to integrate into monitors and other devices. But the accurate and quick touch response is as the same as it used to be. With water and dust resistance, the zero-bezel touchscreen can be widely used in Interactive Digital Signage, Point-of-Sale, All-in-One machines and healthcare self-service terminals.

Features:

- True flat and easy maintenance
- Touch-ready at extreme screen edges
- Interactive system
- Water and dust resistant
- Easy to integrate with other devices
- 5.4" to 27"
- 5-year warranty

Applications:

- AIO (All-in-One)
- IDS (Interactive Digital Signage)
- POS (Point-of-Sale)
- Healthcare Self-service Terminals

Specifications

MECHANICAL

Input Method	Finger or gloved hand (cloth, leather, or rubber) activation
Available Sizes	5.4" to 27"; other sizes can be custom-made

ELECTRICAL

Resolution	4096x4096
Touch Activation Force	80g or 120g
Controller	ST6001SU,ST6002SU,ST6201SU,ST6101SU

OPTICAL

Light Transmission	90%
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ENVIRONMENTAL

Temperature	Operating Temperature:-20°C~+50°C Storage Temperature: -40°C~+70°C
Relative Humidity	40°C at 90% RH, noncondensing
Altitude	3000m
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 meets: Contact discharge 4kV, air discharge 8KV
Agency Approvals	UL Systems incorporating GT touchscreens, controllers, and cables have been approved for CE marking. Systems incorporating GT touchscreens, controllers, and cables have been approved to FCC Class A compliance.

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. Touchscreen technology has been operationally tested to more than 50 million touches in one location without failure, using a stylus similar to a finger.
Anti-Glare	Gloss :80± 15/100±15/60±15
Warranty	Touchscreen: 5-year limited warranty Controller: 3-year limited warranty

Go to www.generaltouch.com for more products and information, or contact us

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