

SafeTouch Touch



GeneralTouch's SafeTouch touchscreen, based on surface acoustic wave (SAW) technology, is an ideal touch solution for indoor areas where vandalism is a concern. The screens are constructed with tempered glass and are chemically strengthened so as to maintain operability when the surface is scratched. With stable and drift-free operation, the SafeTouch touchscreens are suitable touch solution for high-impact environment. The SafeTouch touchscreen is ideal for public places or industrial environment, such as kiosk, gaming

Features:

- Anti-vandal
- Long service lifetime
- Accurate response
- High light transmission
- 6.4" to 27"
- 5-year warranty

Applications:

- Kiosk
- Gaming machines
- Ticketing machines
- Industrial application

Safe Touchscreen Specifications

MECHANICAL

Input Method	Finger or gloved hand (cloth, leather, or rubber) activation
Available Sizes	6.4" to 27"; other sizes can be custom-made

ELECTRICAL

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

OPTICAL

Light Transmission	90%
--------------------	-----

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	Surface Durability 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.
Impact Resistance	Strength can meet IEC60950 ball drop test (0.5 kg, 50 mm diameter ball dropped from height of 1.3 m)
Warranty	Touchscreen: 5-year limited warranty Controller: 3-year limited warranty

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

GeneralTouch Technology Co.,LTD reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products.