

## Curved Touch



### Curved Touch Screen

GeneralTouch's curved touch, based on proven SAW touch technology, has the capability of offering size from 5.4" to 42" in cylindrical, parabolic or combination formats with versatile curved surface parameters in accordance with the customer's requirements. Furthermore, curved SAW touchscreens inherit and enjoy the benefits of SAW technology such as high reliability, protracted durability, sharp image clarity and vandal proofing; just to name a few. Combined with GeneralTouch's iSurface technology, curved SAW touch can be bezel-less.

### Features:

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- Support deeply customized
- Durable and reliable
- Sharp image clarity
- Anti-vandal optional
- Support from 5.4" to 42"
- Capability of bezel-less with iSurface technology
- 5-year warranty

### Applications:

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- Gaming machine
- In-Vehicle display
- Self-service terminal
- Interactive display

# Specifications

Model	Curved Touch
Input Method	Finger or gloved hand (cloth, leather, or rubber) activation
Available Sizes	5.4" to 42" other sizes can be custom-made
Voltage	+12VDC,normal (+11V to +13VDC)
Current	95mA, typical, supply must be capable of sourcing, 200mA, minimum
Resolution	4096x4096
Touch Activation Force	80g or 120g
Controller	ST6001SU
Light Transmission	90%
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.
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.
Warranty	Touchscreen: 5-year limited warranty Controller: 3-year limited warranty

## MTBF (Mean Time Between Failures)

An MTBF measurement is based on a statistical sample and is not intended to predict any one specific unit's reliability; thus MTBF is not, and should not be construed as, a warranty measurement.

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