



GeneralTouch SAW Touch Screens

Clarity Durability Stability Intelligence Security

SafeTouch



SafeTouch Touchscreen

SafeTouch is unique vandal resistant and safe upgrade to the standard touchscreen. With tempered glass construction for all sizes, it provides superior resistance to breakage and vandalism and it is nearly impossible to physically break or “wear out” these touchscreens. SafeTouch is ideal for unattended kiosk applications in high-traffic environments and is available for flat panel custom solutions..

6mm SafeTouch can withstand the impact of 1040g steel ball drop from 1 meter height according to Trial Standard Number GB9633-1988 and IEC 60950 (“ball-drop”).

4mm SafeTouch touchscreens have high impact resistance and safe break pattern. If it is broken, the fragments are safe with no sharp edges.

Specification

Technology	Surface Acoustic Wave(SAW)
Resolution	4096*4096
Material	Pure glass
Deviation of Error	2mm
Light Transmission	90% ~ 92%
Response	Time Less than 16ms
Touch Activation Force	Touch force less than 100g(adjust allowed)
Endurance	Scratch-free;More than 50,000,000 touches in one location without failure.
Surface Hardness	Mohs' hardness rating of 7
Impact Resistance *	Meets GB9633-1988 and 60950 © IEC 1999 steel ball test
Visual Resolution	Clear Surface: Excellent, with no noticeable degradation Antiglare Surface: 6:1 minimum
Gloss	Clear Surface: N/A Antiglare Surface: Spherical: 65 ± 15 gloss unit Flat: 80 ± 15 gloss unit
MultiPoint Touch	Software discrimination
Response Time	Less than 16ms
OperatingTemperature	-20°C to +50°C
Storage Temperature	-40°C to +70°C
Humidity	10%-90% RH at 40°C, noncondensing
Operation Altitude	3000m
Agency Approval	CE, FCC

* 6mm & 12mm SafeTouch meets GB9633-1988 and 60950 © IEC 1999 steel ball test , 4mm SafeTouch GB9633-1988 and 60950 © IEC 1999 steel ball test