



## Leadingtouch Standard Surface Acoustic Wave touchscreen specification

### Size

General Size	5" to 26"
Fit in with	Panel display device

### Performance

Resolution(Interpolation)	4096×4096
Positional Accuracy	<1%
Response Speed	<12ms

### Mechanical

Construction	Sensors attach on the bevel edge of 3mm, 4mm or 6mm pure glass
Input Method	Finger or gloved hand (rubber ,cloth or leather)
Active Force	Stylus or Finger or Similar ≤85g
Surface Hardness	Surface durability is that of glass, Mohs' hardness rating of 7
Durability	>70 million touches
Touchpoint Density	≥100,000 touchpoints/inch <sup>2</sup> (15,500 touchpoints/cm <sup>2</sup> )

### Optical

Light Transmission	≥ 90%
Visual Resolution	Clear surface: Excellent, with no noticeable degradation;Antiglare surface: 6:1 minimum
Gloss	Clear surface: N/A ;Antiglare surface (curved or flat): 95± 15 gloss units or 65 ± 15 gloss units

### Environmental

Temperature	Operating Range: -20℃ ~ 70℃
	Storage Range: -40℃~ 85℃
Relative Humidity	Operating Range: 5%~90% RH (no dew falls)
	Storage Range: 5% to 95% RH (no dew falls)
Altitude	Up to 3,000m
Fire Retardation	Meets the requirements of UL 94HB

### Electrical

Supply voltage	Typical +DC 5V, +4.75V to +5.25V
Power Supply	USB or PS/2 Interface, Power ripple max.200mV rms
Interface	USB/EIA232E
Electrostatic Protection	Per EN 61000-4.2:Level 4. Contact discharges 8KV,air discharge 15KV
Agency Approvals	CE, FCC Class B
Operating System	Windows 7,Windows 2000\XP\2003\Vista\CE,Dos,Linux