

Leadingtouch IP-Level Surface Acoustic Wave touchscreen specification

Size

General Size	7" to 22"
Customized 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 6mm tempered glass,Sensors are sealed inside ABS plastic or Aluminum Alloy metal frame
Input Method	Finger or gloved hand (rubber ,cloth or leather)
Active Force	Stylus or Finger or Similar ≤85g
Anti-Vandal	Meets UL-60950.When broken, the fragments are safe with no sharp edges
Surface Hardness	Surface durability is that of glass, Mohs' hardness rating of 7
Durability	>70 million touches
Touchpoint Density	≥100,000 touchpoints/inch ² (15,500 touchpoints/cm ²)

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

Sealability (front panel)	IP65 dustproof and waterproof
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 5,000m
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