



Leadingtouch S Series Infrared Touch Panle Specification

Size

General Size	19" to 70"
Customized Size	15" to 150"
Fit in with	Panel display device

Performance

Resolution(Interpolation)	4096×4096
Linearity Error	<1.5mm
Response Speed	<23ms

Mechanical

Frame Material	Aluminum Alloy
Board Width	36mm
Input Method	Finger or gloved hand (rubber ,cloth or leather)
Touch Times	Unlimited
Touch Activation Force	No minimum touch activation force is required
Minimum Touch Object	8mm
Vandal-proof	Meet UL60950 steel ball drop test (1kg, 63.5mm diameter ball dropped from height of 1.0m)
Surface Durability	Surface durability is that of glass, Mohs' hardness rating of 7

Optical

Glass Options	No glass, 4mm glare, AG (anti-glare), or AR (anti-reflective) tempered glass optional
Light Transmission	>92%, Upto 100%(no glass)

Environmental

Temperature	Operating Range: -40℃ ~ 70℃
	Storage Range: -40℃ ~ 85℃
Relative Humidity	Operating Range: 0%~90% RH (no dew falls)
	Storage Range: 0% to 95% RH (no dew falls)
Altitude	Up to 3,000m
Life Time	At least 10-years

Electrical

Single-Touch	Support single touch under Windows 7,2000/XP/CE/Vista, Linux etc
Multi-Touch	Plug & play, support multi-touch function under Microsoft Windows 7 operation system without driver.
	With Leadingtouch drivers, support multi-touch function under Microsoft Windows 2000/Xp/Xpe/Vista operation system.
Operation Voltage	Typical +DC 5V, +4.75V to +5.25V
Power Supply	USB or PS/2 Interface, Power ripple max.200mV rms
Interface	Full Duplex USB 2.0 (Full Speed) Plug and play compatible
	Serial RS-232. Baud Rate: 9600, 8 Data Bits, 1 Stop Bit, No Parity
Power	<2W, operating current<400mA
Electrostatic Protection	Per EN 61000-4.2:Level 4. Contact discharges 8KV, air discharge 15KV
Controller	Integration inside touch panel
Agency Approvals	CE, FCC Class B, Rohs compliant.