

K-Series Infrared Touchscreen



Size

General Size	15" to 26"
Customized Size	6.4" to 26"
Fit in with	Panel display device

Performance

Resolution(Interpolation)	4096*4096
Linearity Error	1.5mm
Response Speed	<20ms

Mechanical

Input Method	Finger, gloved hand, or opaque object
Touch Times	Unlimited
Touch Activation Force	No minimum touch activation force is required with IR touch technology
Minimum Touch Object	8mm
Vandal-proof	No break by steel ball (Diameter 63.5mm Weight1040g)dropping from 1040mm high
Surface Durability	Surface durability is that of glass, Mohs'hardness rating of 7

Optical

Light Transmission	≥92%, up to 100% (no glass)
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Environmental

Temperature	Operating: -20°C ~ 70°C Storage: -40°C ~ 85°C
Relative Humidity	Operating: 90%(noncondensing at max 40°C) Storage: 90%(noncondensing at max 40°C)
Altitude	Up to 3,000m
Life Time	At least 7-year

Electrical

Operation Voltage	Typical +DC 5V, +4.75V to +5.25V
Power Supply	USB or PS/2 Interface, power ripple max.200mV rms
Power	<1.5W, operating current<300mA
Agency Approvals	CE, FCC Class B
Interface	USB/EIA-232E
Operation System	Windows 2000\XP\2003\Vista\CE, Linux, Mac OS