

K-series Infrared Touch Screen

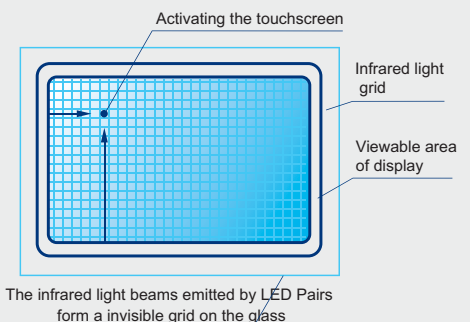
K-series infrared touchscreen employs steel bezel and solid structure. It offers the most rugged touchscreen available in the industry. IP65 sealing is available to withstand high contaminant and hazardous environments. The built-in controller design and mounting ear option make the installation and service extremely easy. Glass or no-glass option presents it as the only solution for applications where touch screen can be a separate unattached component from the display. As other IRTOUCH touchscreen products, it also offers the highest image clarity, perfect sunlight operability, no drift performance, scratch proof, water resistance and long life expectancy. The K series provides ideal touch solutions for gaming machines, Kiosk, HMI, industrial control, or any highly demanding applications.



APPLICATIONS:

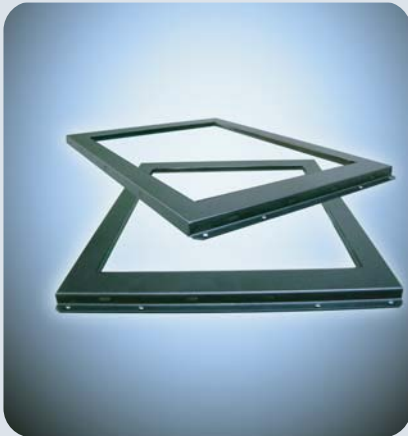
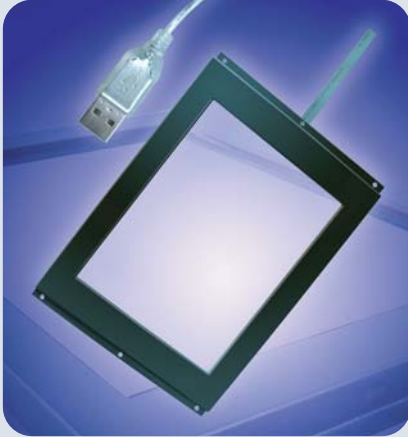
- Gaming machine
- Indoor and outdoor Kiosk
- ATM
- Industrial control
- Oil-rig
- In-vehicle and transportation
- Medical equipment
- All highly demanding applications

BENEFITS	FEATURES
Super Transparency	No film overlay, preserves optical clarity
High Resolution	4096 x 4096 Interpolated
Fast Response Time	Adjustable, can achieve fast response speed
Versatile Touch Object	Finger, glove, pen, any object >2.5mm in thick
No Drift	Maintenance free
Scratch Resistant	Vandal proof, wear-resistant, tempered
Water/Dust Resistant	IP65, rugged conditions operable: fog, rain, snow
Sunlight Operable	Operable in various light conditions
Integrated Controller	No need for extra controller integration
Wide Temperature Range	Designed to work from -40°C to 70°C
Robust Design	Fault tolerance design to ensure reliability
Long Life Expectancy	7 years



The technology uses infrared emitter-collector pairs to project an invisible grid of light on the screen. When a beam is interrupted, the absence of the signal at the collector is detected and converted to an X/Y touch coordinate.

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Size	
General Size	10.4" to 29", visit our Web site for other offerings
Customized Sizes	6.4" to 29"
Fit In With	LCD\CRT

Panel	
Transparency	> 92%, Up to 100%
Touch Resolution	4096 × 4096 Interpolated
Scanning Speed	30 scans/s
Minimum Touch Object	> 2.5mm
Response Speed	< 16ms
Touch Intensity	Over 60,000,000 Single Point Touch
Vandal-Proof	Steel Ball (Diameter 63.5mm 1040g Weight) drop from 1040mm, No break)

Electronic	
Operating Voltage	DC 5V±5%
Power Supply	Keyboard Serial Interface, Or USB Interface
Power	<1W
EMI	CE, FCC
Noises	NO Noises
Operation System	Windows98\2000\XP\Linux\CE
Communication	RS-232/USB

Environment	
Temperature	Operating: -40°C --- 70°C
	Storage: -50°C --- 80°C
Humidity	Operating: 0 --- 85%
	Storage: 0 --- 95%
Altitude	3,000m
Sunlight Operable	Operable in various light conditions, indoor and outdoor
No Drift	Maintenance free
Life Time	7 Years

*Find out more about IRTOUCH's extensive range of touch solutions.
Go to www.irtouch.com, or simply call the office nearest you.*

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