

E-series Infrared Touch Screen

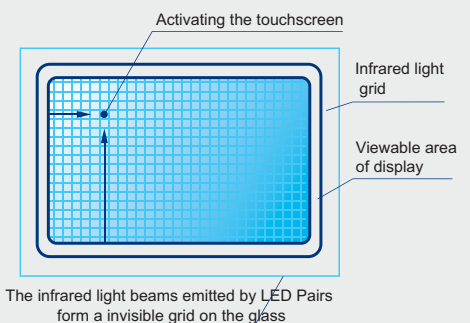
IRTOUCH E-series touchscreen is the lowest profile Infrared touch screen product with integrated touch controller on the bezel. It is designed to fit into LCD monitor. Features such as superior image quality, together with scratch proof, water proof, maintenance free, as well as sunlight operability make the E-series IRTOUCH touchscreen an ideal choice for many interactive applications such as POS, touch monitors and Kiosks.



APPLICATIONS:

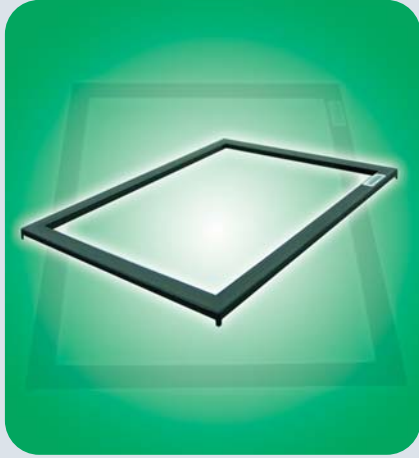
- POS (Point-Of-Sales terminals)
- Desktop touch monitor
- Indoor and outdoor Kiosk
- ATM
- In-vehicles and transportation
- Medical equipment
- Industrial control
- Hospitality

BENEFITS	FEATURES
Super Transparency	No film overlay, preserves optical clarity
High Resolution	Interpolated 4096 x 4096
Fast Response Time	< 16ms
Versatile Touch Object	Finger, glove, pen, any object > 4mm in thick
No Drift	Maintenance free
Scratch Resistant	Vandal proof, wear-resistant, tempered glass
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	6.4" to 19", visit our Web site for other offerings
Customized Sizes	6.4" to 19"
Fit In With	LCD

Panel	
Transparency	> 92%, Up to 100%
Touch Resolution	4096×4096
Scanning Speed	30 scans/s
Minimum Touch Object	> 4mm
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
Direct Light	No Disturbing
Water-Proof	IP65
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.

Corporate Headquarters
BEIJING IRTOUCHSYSTEMS CO., LTD.
4th Floor, M8 Building B,
No.1 East Jiuxianqiao Road,
Chaoyang District, Beijing 100016, P.R.China.
TEL: +86-10-84573457
FAX: +86-10-84573469
Email: sales@irtouch.com

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