

E-series Infrared Touch Screen

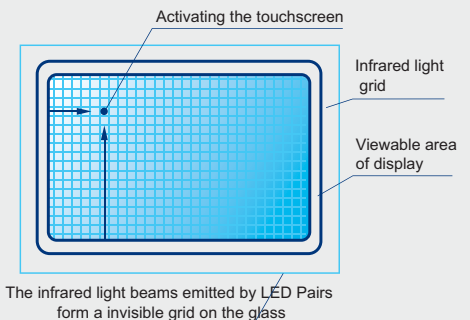
IRTOUCH E-series touchscreen is the lowest profile Infrared touch screen product with integrated touch controller on the bezel. It is designed to fit into LCD monitor. Features such as superior image quality, together with scratch proof, water proof, maintenance free, as well as sunlight operability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



APPLICATIONS:

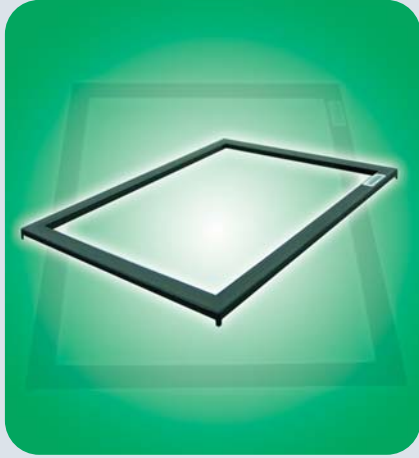
- POS (Point-Of-Sales terminals)
- Desktop touch monitor
- Indoor and outdoor Kiosk
- ATM
- In-vehicles and transportation
- Medical equipment
- Industrial control
- Hospitality

| 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.

E-Series Infrared Touch Screen



| 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.

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