Suntronics IP65 Infrared Touchscreen

With USB Controller
Faithfully preserves original image clarity – minimum or no reduction of light transmission rate from the display
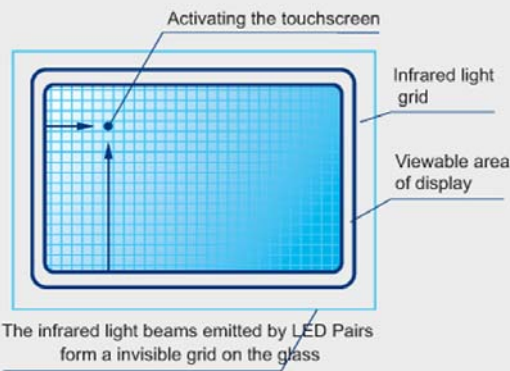*Finger or gloved operation - Operate with any object of width > 4mm*
Maintenance free, scratch-proof, water resistant, ideal for unattended public applications
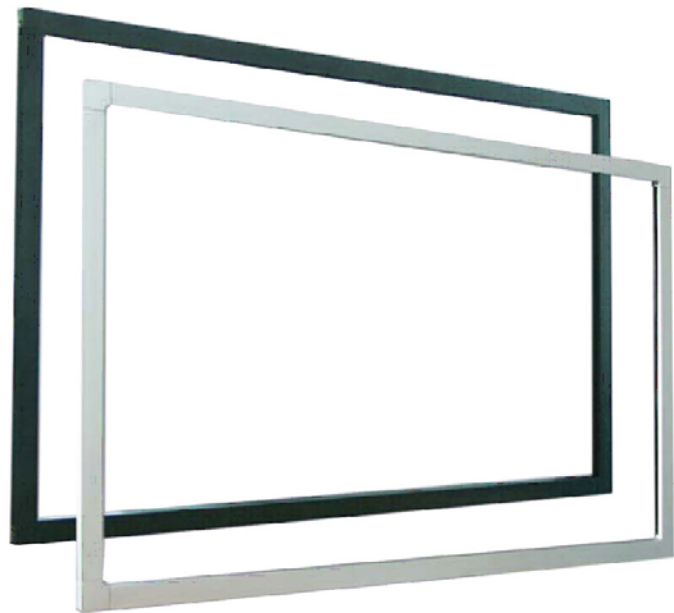*Durable, maintenance free with long-life expectancy*
Standard and custom size available
Plug and play, easy installation

57" Model: GS57IR-MTS-U

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.
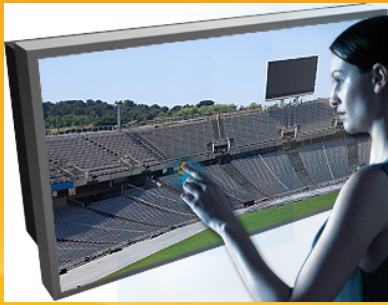
Typical Applications

- Boardroom presentation - Command center - Hotel entertainment center - Classroom whiteboard - Mall kiosks
- Public venue directory - Weather forecast - Showroom product demonstration - Traffic management

Suntronics infrared touch screen instantly runs LCD/PLASMA/front/rear projection monitor into interactive display. Unlike most other technologies, the Infrared based design offers superb image clarity. The original image quality is preserved because there is no film in front of the display. After a simple installation, the screen can be operated with either a finger, with or without glove or a pen. Infrared technology can scale in size up to 150" in diagonal. Features like no drift, scratch proof, water proof, dust proof, sunlight operability present the Suntronic touch screen an ideal choice for interactive presentation, classroom whiteboard, command center, public venue kiosks, info center directory, and many other interactive applications.

| TouchScreen | Heat | Cold | Water Proof |

Suntronic's Infrared Touch Screen

Size	
Size	57" visit our Web site for other offerings
Customized Sizes	30" to 150"
Fit In With	LCD\CRT\PLASMA

Panel	
Transparency	> 92%, Up to 100%
Touch Resolution	Interpolated 4096×4096
Scanning Speed	50 scans/s
Minimum Touch Object	> 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 12V±5%
Power Supply	External power supply
Power	< 2W
EMI	CE, FCC
Noises	NO Noises
Operation System	Windows98\2000\XP\linux\CE
Communication	RS-232/USB

Environment	
Temperature	Operating: -40oC --- 70oC
	Storage: -50oC --- 80oC
Humidity	Operating: 0 --- 85%
	Storage: 0 --- 95%
Altitude	3,000m
Direct Light	No Disturbing
No Drift	Maintenance free
Life Time	7 Years