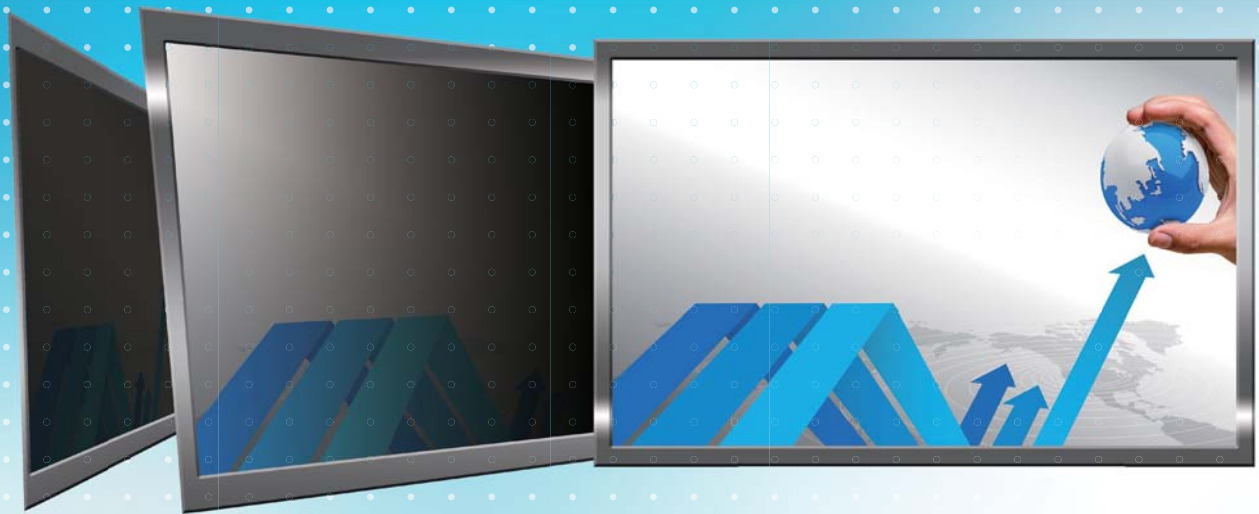
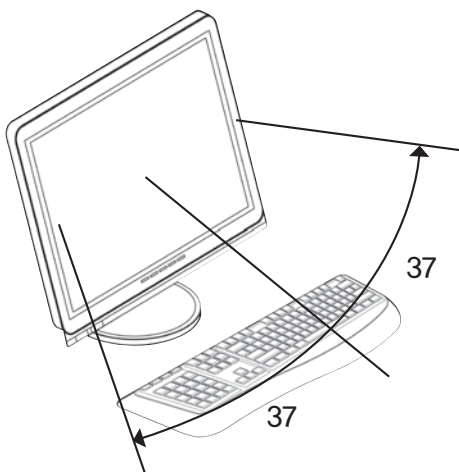


# 15" Surface Capacitive rugged with Privacy Filter



Privacy filter rugged on Surface Capacitive (S-Cap) offers outstanding privacy protection allowing only those directly in front of the display screen to see on-screen data.



- One-glass sensor on the surface of 5mm chemically strengthened glass substrate.
- Exceed industry-standard for impact resistance making it suitable for unattended, vandal-prone environments.
- This sensor's optimized design offers 88% light transmission and 66%(±2%) light transmission at rugged privacy filter.

# 15" Surface Capacitive rugged with Privacy Filter

## ► Specification

### System Performance

Light transmission	66%(±2%)
Input method	Finger input
Accuracy	>98.5% of true position
Resolution	2048 x 2048(maximum resolution)
Linearization	Factory linearized
Tail Connection	Solder type

### Mechanical(rugged privacy film)

Dimensions	330.2mm x 204mm
Glass Thickness	5mm
2Way Core Privacy Film Thickness	0.35mm
Pitch	61 μm
Depth	145 μm
Surface Scratch Hardness	MoHS 7 or higher

### Electronics

Communication	Serial interface
Dimensions	330.2mm x 204mm
Operating Current	40 mA(typical)
Power Connection	USB BUS(5V) or 5V/12V Serial
ESD	±8KV Contact, ±15KV Air
Report rate	180Hz
Response time	25 ms

### Optical (privacy film)

Transmittance	65%
Haze	14%
Chromaticity(X)	0.313
Chromaticity(Y)	0.32
Bias Angle	11°
Viewing Angle	60°

### Reliability

Surface Obstructions	Withstand most surface contaminants
Chemical Resistance	ASTM-D-1308-02 and ASTM-F-1598-95
Impact Resistance	Steel ball test UL 60950
Operating Temperature	-30° C to 70° C
Storage Temperature	-40° C to 85° C
Humidity	Up to 90% RH non-condensing