

IP19L340-A2-WT-5RT

19", 1280 x 1024 SXGA, Wide Temperature Range Monitor with Five-Wire Resistive Touchscreen, VGA and DVI Ports



Introduction

The AIS 19" wide temperature range monitor is fully-integrated, off-the-shelf unit (COTS) that combines five-wire resistive touch technology in an industrial-grade LCD flat panel, with a sleek and flat front surface industrial design. These displays provide reliability, durability, and expected longer product life. The rugged all steel frames and glass front surface provide the durability needed for demanding harsh environments. AIS rugged monitors support a wide operating temperature range of -20°C to 55°C (-4°F to 131°F), with front sealed designs providing advanced NEMA 4/ IP65 protection.

Specifications

Display	
Display	19.0" diagonal, Active matrix TFT LCD
Aspect Ratio	5:4
Active/Area	376.32(H) x 301.06(V) mm
Native (Optimal) Resolution	1280 x 1024
General Supported Resolution	VGA 640 x 480 (60/66/70/72/75 Hz) SVGA 800 x 600 (60/70/72/75 Hz) XGA 1024 x 768 (60/70/75 Hz) SXGA 1280 x 1024 (60/70/75 Hz)
Colors	16.2M (6bits+FRC)
Brightness (Typical)	LCD Panel: 350 nits Resistive Touch: 280 nits
Contrast Ratio	1000:1
Viewing Angle	Horizontal: 170° Total Vertical: 160° Total
On-Screen Display (OSD)	Controls (back): menu, up, down, select, power Settings: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall
Input Video Format	Analog VGA, DVI-D

Features and Benefits

- Supports a wide operating temperature range of -20°C to 55°C (-4°F to 131°F)
- Robust display technologies provide integration and design flexibility
- Exceptional quality and highly engineered industrial monitors
- Delivers drift-free operation for a lifetime of 35 million finger touches
- All steel construction designed for harsh and industrial environments
- Panel and VESA mount display, easy-to-install
- Supports Windows Embedded and Linux operating systems

Input Video Signal Connector	Mini D-Sub 15-Pin VGA Type, DVI-D Connector, S-Video, Composite
Touch Technology	Resistive (USB (Type-B): Touch Interface)
General	
Power Consumption (Typical)	35W
Input Voltage	AC: 100–240 VAC, 50/60 Hz DC: 12.0 V±10%
MTBF	50,000 Hours Demonstrated
Mounting Options	100 mm or 75 mm VESA mount
Environmental Conditions	
Temperature	Operating: -20°C to 55°C (-4°F to 131°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity (Non-condensing)	Operating: 20%-80% Storage: 10%-90%
Approvals	
Approvals	CE, FCC (DOC)

Order Information

IP19L340-A2-WT-5RT: 19" Wide Temperature Range Monitor with Five-Wire Resistive Touchscreen, 1280 x 1024 SXGA, 1000:1 contrast ratio, VGA and DVI Ports

Unit: mm

