

IP08T230-T1-WT-4RT

8.4", 800 x 600 SVGA, Wide Temperature Range Monitor with Four-Wire Resistive Touchscreen and VGA Port



Introduction

The AIS 8.4" 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	8.4" diagonal, Active matrix TFT LCD
Aspect Ratio	4:3
Active/Area	170.4 (H) x 127.8 (V) mm
Native (Optimal) Resolution	800 x 600
General Supported Resolution	VGA 640 x 480 (60/66/70/72/75 Hz) SVGA 800 x 600 (60/70/72/75 Hz)
Colors	16.2M (8 bits + FRC)
Brightness (Typical)	LCD Panel: 450 nits Resistive Touch: 360 nits
Contrast Ratio	600:1
Viewing Angle	Horizontal: 150° Total Vertical: 150° 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
Input Video Signal Connector	Mini D-Sub 15-Pin VGA Type, S-Video, Composite

Features and Benefits

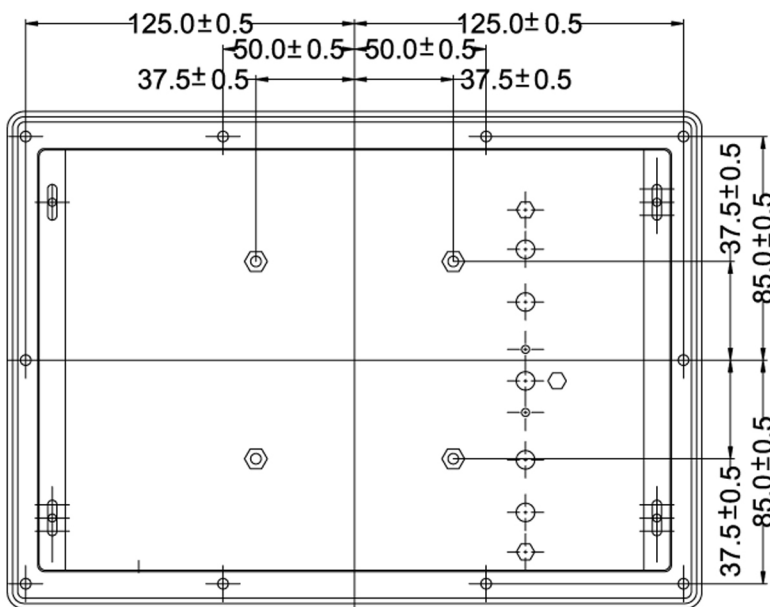
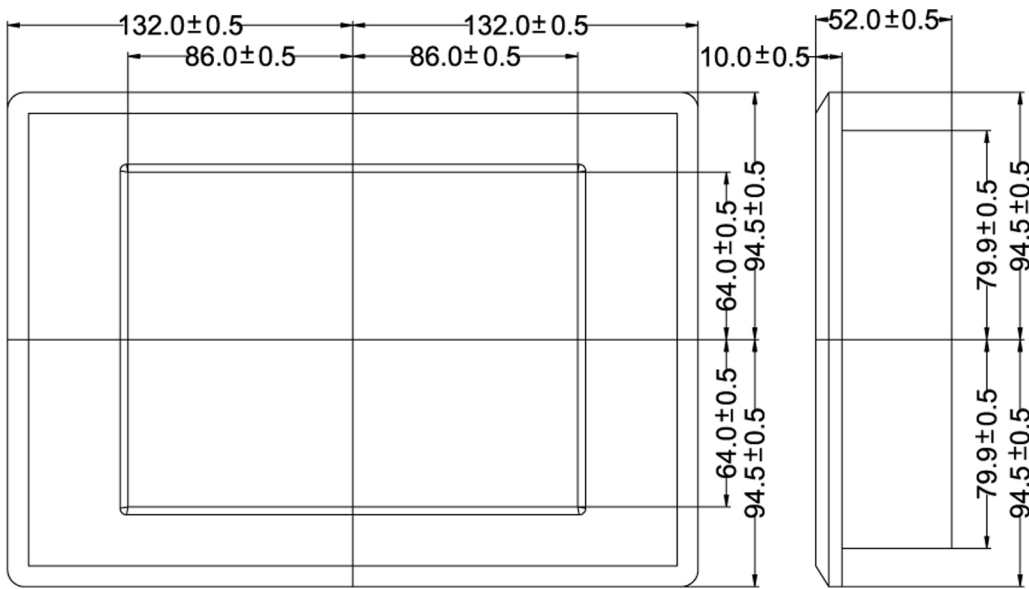
- Support a wide operating temperature range of -20 ~ 55°C (-4 ~ 131°F)
- Robust display technologies provide integration and design flexibility
- Exceptional quality and highly engineered industrial monitors
- Delivers drift-free operation for a lifetime of 35 million finger touches
- All steel construction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

Touch Technology	Resistive (USB (Type-B): Touch Interface)
General	
Power Consumption (Typical)	15W
MTBF	50,000 Hours Demonstrated
Mounting Options	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

IP08T230-T1-WT-4RT: 8.4" Wide Temperature Range Monitor with Four-Wire Resistive Touchscreen , 800 x 600 SVGA, 600:1 contrast ratio and VGA Port

Unit: mm



CUT OUT DIMENSION
(238 X 185 mm)