

# IP10L630-A1-WT-5RT

## 10.4", 800 x 600 SVGA, Wide Temperature Range Monitor with Five-Wire Resistive Touchscreen and VGA Port



### Introduction

The AIS 10.4" 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	10.4" diagonal, Active matrix TFT LCD
Aspect Ratio	4:3
Active/Area	211.2 (H) x 158.4 (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 (8bits/color)
Brightness (Typical)	LCD Panel: 400 nits Resistive Touch: 320 nits
Contrast Ratio	500:1
Viewing Angle	Horizontal: 160° Total Vertical: 140° 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

- 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

Touch Technology	Resistive (USB (Type-B): Touch Interface)
<b>General</b>	
Power Consumption (Typical)	18W
MTBF	50,000 Hours Demonstrated
Mounting Options	75 mm VESA Mount
Input Voltage	AC: 100–240 VAC, 50/60 Hz DC: 12.0 V±10%
<b>Environmental Conditions</b>	
Temperature	Operating: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity (Non-condensing)	Operating: 20%-80% Storage: 10%-90%
<b>Approvals</b>	
Approvals	CE, FCC (DOC)

### Order Information

**IP10L630-A1-WT-5RT:** 10.4" Wide Temperature Range Monitor with Five-Wire Resistive Touchscreen , 800 x 600 SVGA, 500:1 contrast ratio and VGA Port

Unit: mm

