

# IP17L540-M1-5RT

**17", 1280 x 1024 SXGA, IP65 NEMA Monitor with Five-Wire Resistive Touchscreen, VGA and DVI Ports**



## Introduction

The AIS 17" IP65 NEMA 4 monitor is fully-integrated, off-the-shelf unit (COTS) that combines five-wire resistive touch technology in an industrial-grade LCD panel, with a sleek and flat front surface industrial design; providing reliability, durability, and longer life. Impervious to environmental conditions i.e. liquid spills, splashes and wash-downs; these screens are the most contamination-resistant units in the market. These are designed for process control, food processing equipment, machine control, man-machine interface, automation, medical equipment, and in-vehicle applications.

## Specifications

Display	
Display	17.0" diagonal, Active matrix TFT LCD
Aspect Ratio	5:4
Active/Area	337.92 (H) x 270.34 (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	16.7M (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

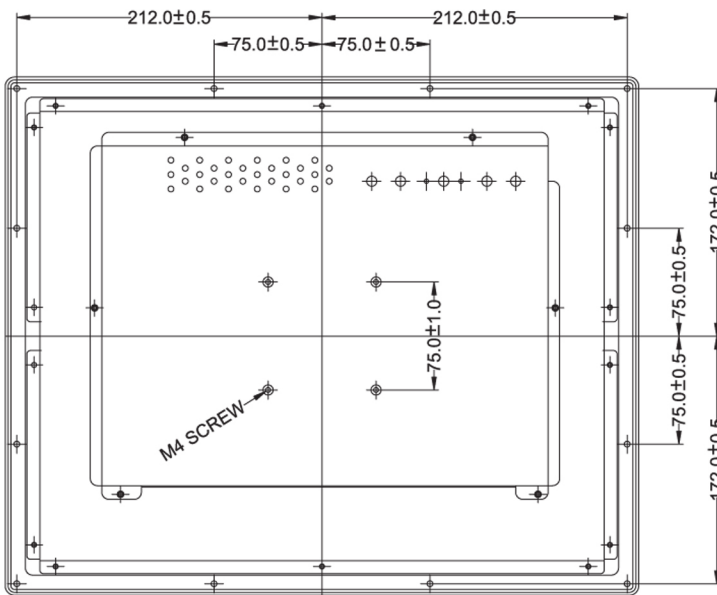
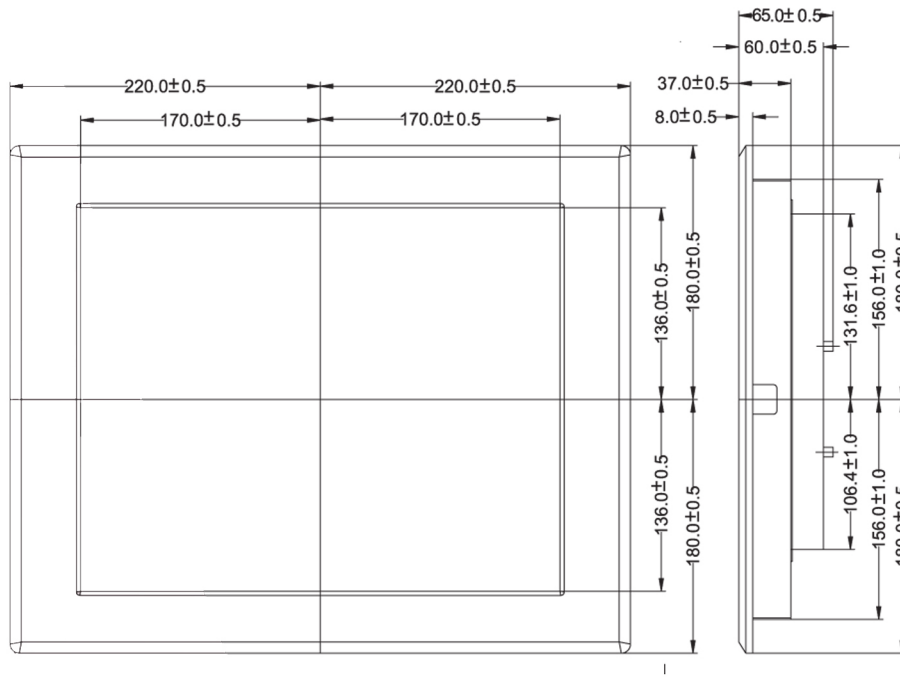
- All steel construction designed for harsh and industrial environments
- Robust design with aluminum NEMA 4/ IP65 front panel
- Meets NEMA 4/4x/12 and IP65 standards
- Accuracy in high-use applications
- Stable, drift-free operation
- Supports Windows Embedded and Linux operating systems
- Supports Panel, Wall, or VESA arm mounting

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)
<b>General</b>	
Power Consumption (Typical)	32W
Input Voltage	AC: 100-240 VAC, 50/60 Hz DC: 12.0 V±10%
MTBF	50,000 Hours Demonstrated
Mounting Options	75 x 75 mm VESA Mount
Dimensions (Cut-out)	412 x 332 mm
<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

**IP17L540-M1-5RT:** 17" IP65 NEMA 4 Monitor with Four-Wire Resistive Touchscreen, 1280 x 1024 SXGA, 1000:1 contrast ratio, VGA and DVI Ports

Unit: mm



**CUT OUT DIMENSION  
(412 X 332 mm)**