

# FST19L300-M1-5RT

**19", 1280 x 1024 SXGA, Fully Sealed Stainless Steel Monitor with Five-Wire Resistive Touchscreen and VGA Port**



## Introduction

The AIS 19" rugged touch monitor features industrial-duty fully sealed NEMA 4/IP65 stainless steel chassis, for use in OEM and process manufacturing. These units offer extra protection from extensive corrosive environments with the intrusion of dust, rain, hose directed water, and applications where corrosive materials and caustic cleaners are used. General applications include: poultry processing facilities, petro-chemical refineries and offshore drilling platforms for oil and natural gas. The ruggedized touchscreen displays are specially designed for hygienic and harsh environments.

## Specifications

Display	
Display	19.0" diagonal, Active matrix TFT LCD
Aspect Ratio	5:4
Active/Area	376.32 (H) x 301.056 (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: 400 nits Resistive Touch: 320 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

## Features and Benefits

- Brushed stainless steel enclosure
- IP65 sealed, with anti-corrosive rubber providing 360 degree protection
- Full IP65 I/O connectors protect from any particles, water, and corrosive agents
- Technical support for drivers (installing, and supporting files) and hardware (screens, monitors, controllers, peripherals), including troubleshooting procedures and general system issues
- Customer service and sales support help with product selection, order management, and warranty status

Input Video Signal Connector	Mini D-Sub 15-Pin VGA Type
Touch Technology	Resistive (USB (Type-B): Touch Interface)
<b>General</b>	
Power Consumption (Typical)	41W
Input Voltage	AC: 100-240 VAC, 50/60 Hz DC: 12.0 V±10%
MTBF	50,000 Hours Demonstrated
Mounting Options	100 mm VESA mount
<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

**FST19L300-M1-5RT:** 19" Fully Sealed Stainless Steel Monitor with Five-Wire Resistive Touchscreen, 1280 x 1024 SXGA, 1000:1 contrast ratio and VGA Port

Unit: mm

