

# MR19L300-A2-PCT

19", 1280 x 1024 SXGA, Marine Monitor with Projective Capacitive Touchscreen, VGA and DVI Ports



## Introduction

AIS 19" marine grade PCT multi-touch screen monitor comply with marine equipment standards for harsh maritime environment requiring low EMI or long-term vibration resilience. Designed for bridge control display, navigation, monitoring and surveillance, and ship automation applications; AIS displays comply with anti-shock, anti-vibration, and can be customized to include options i.e. sunlight readable transfective LCD displays and 3mm anti-reflective protection glass.

## Specifications

Display	
Display	19" diagonal, Active matrix TFT LCD Optional features: 3mm Anti-reflective Protection Glass or/and Transflective Liquid Crystal Display
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	16.7M (8bits/color)
Brightness (Typical)	LCD Panel: 350 nits Resistive Touch: 315 nits
Contrast Ratio	1000:1
Viewing Angle	Horizontal: 170° Total Vertical: 160° Total

## Features and Benefits

- Rugged aluminum alloy construction with powder coating ensures stability
- Optional Transflective LCD meets sunlight readability requirements for navigation and transportation systems
- Multiple mounting options, i.e. panel and VESA mounts
- 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

On-Screen Display (Front OSD) Or OSD Remote Control via RS-232	Controls (back): menu, up, down, select, power Settings: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall
Input Video Signal Connector	S-Video (SVHS) Plug
Touch Technology	Projective Capacitive (USB (Type-B): Touch Interface)
<b>General</b>	
Power Consumption (Typical)	45W
Input Voltage	AC: 100-240 VAC, 50/60 Hz DC: 24 V±10%
MTBF	50,000 Hours Demonstrated
Mounting Options	100 mm VESA mount
<b>Environmental Conditions</b>	
Temperature	Operating: -10°C to 55°C (-14°F to 131°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity (Non-condensing)	Operating: 5%-95% Storage: 5%-95%
<b>Approvals</b>	
Approvals	CE, FCC Class B

## Order Information

**MR19L300-A2-PCT:** 19" Marine Monitor with Projective Capacitive Touchscreen, 1280 x 1024 SXGA, 1000:1 contrast ratio, VGA and DVI ports

