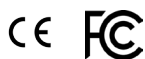
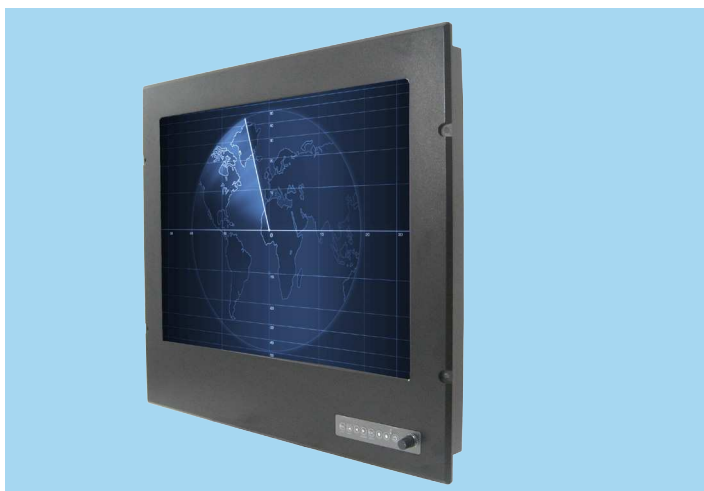


MR20L100-A2-5RT

20.1", 1600 x 1200 UXGA, Marine Monitor with Five-Wire Resistive Touchscreen, VGA and DVI Ports



Features and Benefits

- Rugged aluminum alloy construction with powder coating ensures stability
- Optional Transflective LCD meets sunlight readability requirements for navigation and transportation systems
- Complies with Marine/DNV standards IEC 60945, DNV 2.4, and IACS-E10
- 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

Introduction

AIS 20.1" marine grade monitors comply with marine equipment standards IEC 60945, DNV 2.4, and IACS-E10 (international standard for maritime navigation and radio communications equipment and systems) 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 transflective LCD displays and 3mm anti-reflective protection glass.

Specifications

Display	
Display	20.1" diagonal, Active matrix TFT LCD Optional features: 3mm Anti-reflective Protection Glass or/and Transflective Liquid Crystal Display
Aspect Ratio	16:9 (Widescreen)
Active/Area	408 (H) x 306 (V) mm
Native (Optimal) Resolution	1600 x 1200
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) UXGA 1600 x 1200 (60 Hz)
Colors	16.7M (8bits/color)
Brightness (Typical)	LCD Panel: 300 nits Resistive Touch: 240 nits
Contrast Ratio	700:1
Viewing Angle	Horizontal: 178° Total Vertical: 178° 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 Signal Connector	S-Video (SVHS) Plug
Touch Technology	Resistive (USB (Type-B): Touch Interface)
General	
Power Consumption (Typical)	70W
Input Voltage	AC: 100–240 VAC, 50/60 Hz DC: 9 to 36 V±10%
MTBF	50,000 Hours Demonstrated
Mounting Options	100 mm VESA mount
Environmental Conditions	
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%
Approvals	
Approvals	CE, FCC (DOC)

Order Information

MR20L100-A2-5RT: 20.1" Marine Monitor with Five-Wire Resistive Touchscreen, 1600 x 1200 UXGA, 700:1 contrast ratio, VGA and DVI Ports

Unit: mm

