

R21L100-MRM1

21.3" Marine Display



KEY FEATURES

- Dimming knob control backlight brightness from nearly 0% to 100%
- IP66 aluminum housing with powder coating design
- 24V DC Isolated Power Module
- High quality touchscreen / AR protection glass for option
- Ease of use front panel OSD control Marine Display
- Enhanced shock and vibration resistance



OVERVIEW



Reliable Computing Certified for Marine Applications

Winmate Marine Displays are built and tested according to DNVGL-CG-0339 Standard, IEC60945, and IACS-E10 to meet the marine industry's international regulatory requirements. Winmate performs in-house reliability test to ensure optimal performance in harsh maritime environments.



Safe Sailing at Bright Sun, Dusk, and Night

To face the challenges of sailing in different conditions, Winmate Marine Displays suitable for day, dusk, and night settings. Our devices feature hyper dimming technology that can control backlight brightness linearly from nearly 0% to 100% by a dimming knob. Simultaneously, add an optional transfective film to enhance the visibility in an outdoor and bright ambiance environment.



Convenient Front Panel OSD Control, Dimming Knob and built-in Picture-in-Picture (PIP) function

All the controls are located on the front panel OSD for fast access anytime. The dimming knob allows controlling backlight brightness from nearly 0% to 100%, designed for marine industry applications. Winmate Marine Display with built-in Picture-in-Picture function allows you to view the contents of multiple input signal sources at the same time and to easily switch between them



Survives All Weather Conditions

The rugged mechanical design of the Winmate Marine Displays provides enhanced shock and vibration resistance. Also, the high power efficiency and low heat design guarantee the stability and longevity required for mission-critical deployment. Deploy Winmate Marine Display for your safe operations at sea in all weather conditions.



Peripheral Connectivity

Marine Display feature-rich I/O connectivity consists of one VGA, one DVI-D, one Composite, one S-Video, two COM ports. Easy to integrate into existing marine equipment.

SPECIFICATIONS

Display			
Touch / Glass	Resistive Touch Screen AR Glass (Optional)	Resolution	1600x1200

Size	21.3 inches	Contrast Ratio	1800:1
Panel Brightness	1000.0 nits	Display Color	16.8M Colors
View Angles	89,89,89,89	Active Area	432x324 mm
Environment			
Operating Humidity	5% to 95%	Operating Temperature	-15~55°C
Shock	15G,11ms duration	Vibration	0.7g@DNVGL CG-0339 (Class A)
IP rating	IP66 (Front Side)		
Certification			
Certification	CE, FCC		
IO Ports			
Serial Port	1 x RS232 for Remote Control 1 x RS232/USB for Touch Screen	Video	1 x VGA 1 x DVI-D 1 x Composite 1 x S-Video
Mechanical			
Dimension	519 x 420 x 81.4 mm	Weight	7.5 kg
Mounting	VESA Mount/ Panel Mount	Enclosure	Metal Housing with Aluminum Bezel
Cooling System	Fanless Design	Cut out	480 x 396 mm
Power			
Power Rating	9~36V DC Input Acceptable	Consumption	50W (Typical)
Accessory			
Accessory	1 x User Manual. 1 x CD for Touchscreen Driver Tools. 1 x DVI Cable. 1 x VGA Cable. 1 x RS232 Serial Cable. 1 x S-Video Cable. 1 x Composite Cable.		
Control			
Button	8 key: Esc/PIP Auto adjustment Left Right/Source OK/Menu Up Down Power 1 x The Dimming Knob		

DIMENSIONS UNIT:MM

