

# 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

## INTRODUCTION

Winmate Marine Display Series provides reliable and durable performance for maritime environments, available in sizes from 10.1" to 24". In compliance with DNVGL-CG-0339, IEC60945 4th Edition, and IACS E10 standards, these displays ensure alignment with marine industry requirements. Featuring an IP66 aluminum housing with powder coating (IP54 rear), a dimming knob for precise backlight control, and enhanced shock and vibration resistance, they are built for harsh conditions. With optional touchscreen or AR protection glass, multi-video inputs, and user-friendly front panel OSD controls, these displays are ideal for navigation and control applications.

## SPECIFICATIONS

### Display

<b>Touch / Glass</b>	Resistive Touch Screen AR Glass (Optional)	<b>Resolution</b>	1600x1200
<b>Size</b>	21.3 inches	<b>Contrast Ratio</b>	1800:1
<b>Panel Brightness</b>	1000.0 nits	<b>Display Color</b>	16.8M Colors
<b>View Angles</b>	89,89,89,89	<b>Active Area</b>	432x324 mm

### Environment

<b>Operating Humidity</b>	5% to 95%	<b>Operating Temperature</b>	-15~55°C
<b>Shock</b>	15G, 11ms duration	<b>Vibration</b>	0.7g@DNV-CG-0339 (Class A)
<b>IP rating</b>	IP66 (Front Side)		

### Certification

<b>Certification</b>	CE, FCC
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### IO Ports

<b>Serial Port</b>	1 x RS232 for Remote Control 1 x RS232/USB for Touch Screen	<b>Video</b>	1 x VGA 1 x DVI-D 1 x Composite 1 x S-Video
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### Mechanical

<b>Dimension</b>	519 x 420 x 81.4 mm	<b>Weight</b>	7.5 kg
<b>Mounting</b>	VESA mount/Panel mount	<b>Enclosure</b>	Metal Housing with Aluminum Bezel
<b>Cooling System</b>	Fanless Design	<b>Cut out</b>	480 x 396 mm

