

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			
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@DNV-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)
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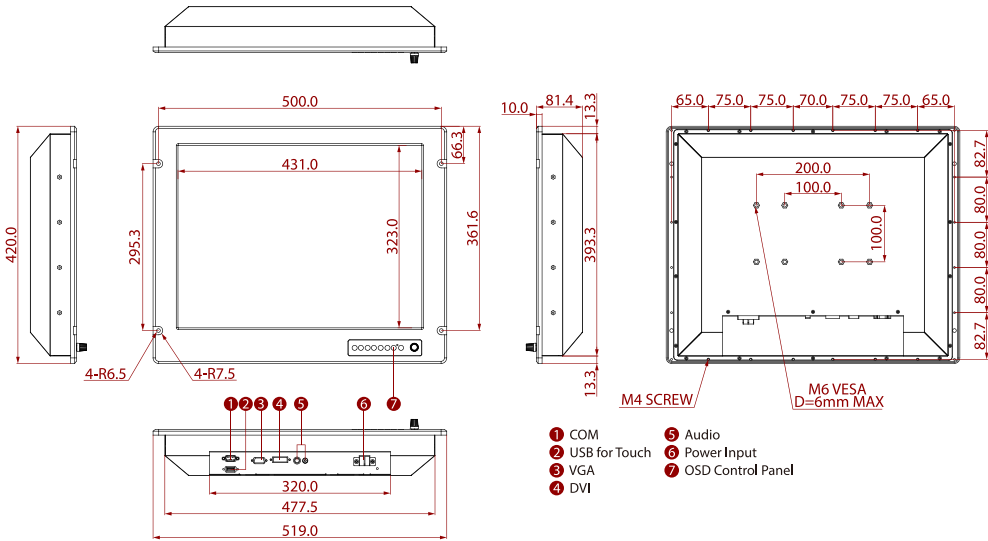
Accessory

Accessory	1 x User Manual. 1 x DVI Cable. 1 x VGA Cable. 1 x RS232 Serial Cable. 1 x S-Video Cable. 1 x Composite Cable.
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Control

Button	8 key: Esc/PIP Auto adjustment Left Right/Source OK/Menu Up Down Power 1 x The Dimming Knob
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DIMENSIONS UNIT:MM



NOTE

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O, please contact the Winmate Sales Team for more information.