

W24L100-MRA1HB

24" High Brightness Marine Display



KEY FEATURES

- Dimming knob control backlight brightness from nearly 0% to 100%
- High Brightness technology enhance visibility
- IP66 aluminum housing with powder coating design (IP54 rear)
- 24V DC Isolated Power Module, Marine High Brightness Display
- High quality touchscreen / AR protection glass for option
- Ease of use front panel OSD control
- Enhanced shock and vibration resistance

INTRODUCTION

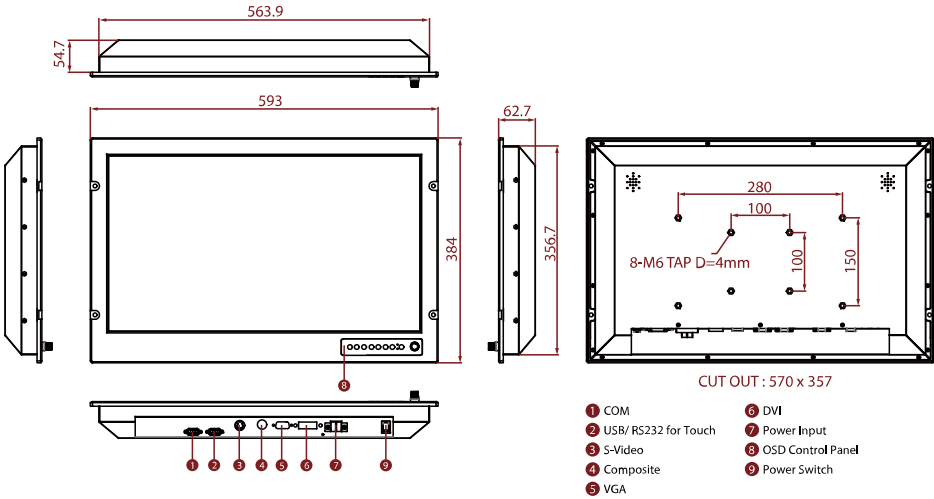
Winmate Marine Display Series provides reliable and durable performance for maritime environments, available in sizes from 10.1" to 24". Certified with DNVGL-CG-0339, IEC60945 4th, and IACS E10 standards, these displays ensure compliance with marine industry requirements. Featuring an IP66 aluminum housing 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			
Resolution	1920x1080	Size	24.0 inches
Contrast Ratio	5000:1	Panel Brightness	1000.0 nits
Display Color	16.7M Colors	View Angles	89,89,89,89
Active Area	531.36x298.89 mm	Touch / Glass	Resistive Touch Screen (Optional) Protection Glass w/o Touch Function (Optional)
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	593 x 356.7 x 62.7	Weight	9.7 kg

Mounting	VESA mount/Panel mount	Enclosure	Metal Housing with Aluminum Bezel
Cooling System	Fanless Design	Cut out	566 x 362 mm
Power			
Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	Consumption	55W (Typical)
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.		
Control			
Button	8 key: Esc/PIP Auto adjustment Left Right/Source OK/Menu Up Down Power 1 x The Dimming Knob		

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.