

# W24L100-MRA1(HB)

## 24" Marine High Brightness Display



### KEY FEATURES

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



### SPECIFICATIONS

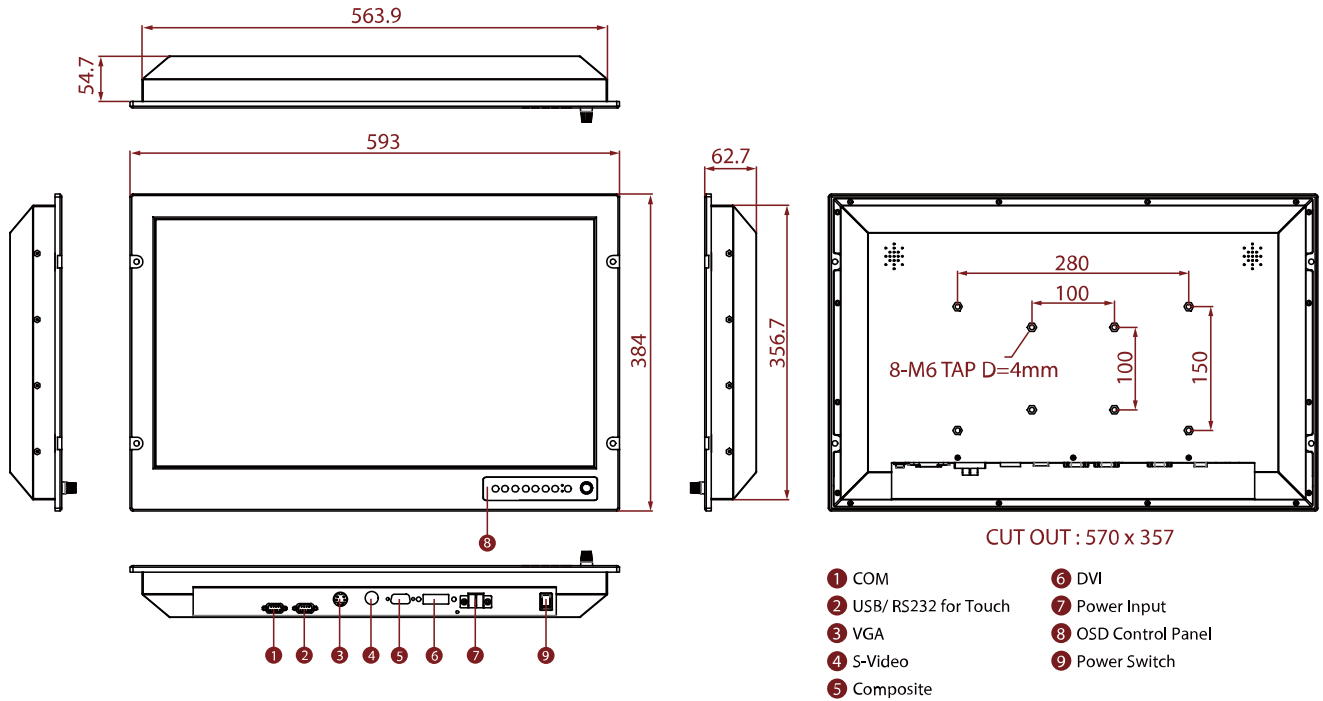
Display	
<b>Resolution</b>	1920x1080
<b>Contrast Ratio</b>	5000:1
<b>Display Color</b>	16.7M Colors
<b>Type</b>	Projected Capacitive Multi Touch Screen AR Glass(Optional) High brightness Panel(1000 nits)(Optional)
<b>Size</b>	24.0 inches
<b>Panel Brightness</b>	300 nits
<b>View Angles</b>	89,89,89,89
Environment	
<b>Operating Humidity</b>	5% to 95%
<b>Shock</b>	15G, 11ms duration
<b>IP rating</b>	IP66 (Front Side)
<b>Operating Temperature</b>	-15~55°C
<b>Vibration</b>	0.7g@DNVGL CG-0339 (Class A)
Certification	
<b>Certification</b>	DNVGL-CG-0339, IEC60945 4th, IACS E10, CE, FCC
IO Ports	
<b>Serial Port</b>	1 x RS-232 for Touch Screen(Optional) 1 x RS-232 for Remote Control(Optional)
<b>Video</b>	1 x D-SUB 15P Connector(Female) 1 x RCA Phono Plug 1 x S-Video (SVHS) Plug 1 x DVI-D Input 24 Pin Connector
Mechanical	
<b>Dimension</b>	593 x 356.7 x 62.7
<b>Mounting</b>	VESA Mount/ Panel Mount
<b>Weight</b>	9.7 kg
<b>Cooling System</b>	Fanless Design
<b>Enclosure</b>	Metal Housing with Aluminum Bezel
Power	
<b>Power Rating</b>	24V DC power supply with Terminal block (Isolation Resistance) (Only 24V DC have approval by DNVGL certificate) 9~36V DC(Optional)
Accessory	
<b>Accessory</b>	1 x User Manual. 1 x CD for Touchscreen Driver Tools. 1 x DVI Cable. (DVI-D 24 Pin Male to 24 Pin Male: 1.5m.)
<b>Optional Accessory</b>	1 x Transflective LCD User Guide.(Optional) 1 x Standard Power Cord.(Optional) Euro / U.S. Std Type, 1.8m(Optional)

- 1 x Std VGA Cable.
- (D-SUB 15 Pin Male to 15 Pin Male: 1.8m)
- 2 x RS232 Std Serial Cable.
- (D-SUB 9 Pin Male to 9 Pin Female: 2m)
- 1 x S-Video Cable.
- (MD 4 Pin Male to 4 Pin Male: 1.8m)
- 1 x Composite Cable.
- (Std RCA 3.2mm Connector: 1.8m)
- 4 x M6 x 30 Black Screw Bolt with M6 Nut.
- M4 x 15 Black Screw Bolt.

## Control

<b>Button</b>	Esc/PIP Auto adjustment Left Right/Source OK/Menu Up Down Power The Dimming Knob (with a Display Status LED indicator)
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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.