

# W24L100-MRA1FP

## 23.8" ECDIS Marine Display



### KEY FEATURES

- 24" 1920 x 1080 resolution with projective capacitive multi-touch screen
- Capacitive touch keys for quick function access and display control (Support ECDIS DAY, DUSK, and NIGHT mode switching)
- Color calibrated for ECDIS compliance (Optional)
- Edge-to-edge narrow bezel design and fanless cooling system
- Meet the requirements of industrial marine standards, including IEC60945 4th Edition, DNVGL-CG-0339, IACS E10

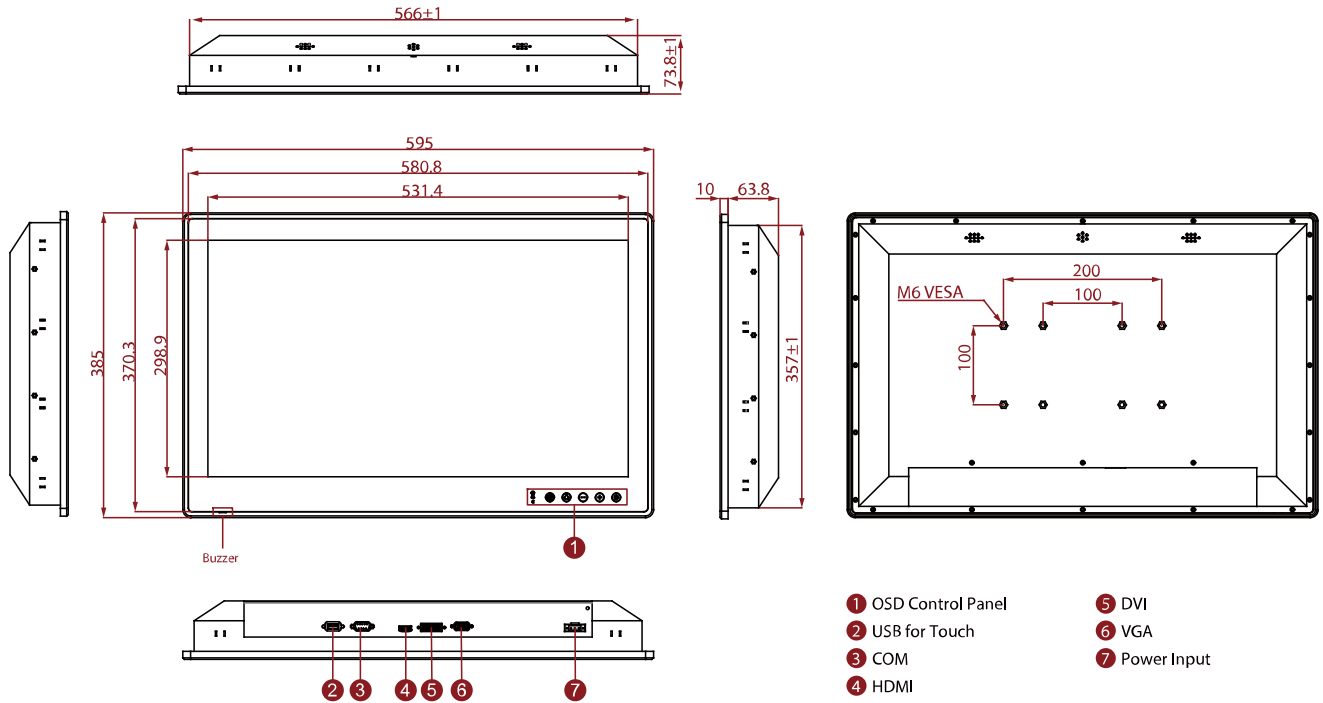


### SPECIFICATIONS

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)
<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>Operating Temperature</b>	-15~55°C
<b>Shock</b>	15G,11ms duration
<b>Vibration</b>	0.7g@DNVGL CG-0339 (Class A)
<b>IP rating</b>	IP66 (Front Side)
Certification	
<b>Certification</b>	DNVGL-CG-0339, IEC60945 4th, IACS E10, CE, FCC
IO Ports	
<b>USB Port</b>	1 x USB Type A
<b>Serial Port</b>	1 x RS232 for remote control
<b>Video</b>	1 x VGA 1 x DVI-D 1 x HDMI 1.4
<b>Front Control</b>	Power Brightness+ Brightness- OSD/ Enter ECDIS Key/ ESC
<b>Indicator</b>	Day Mode Dusk Mode Night Mode
Mechanical	
<b>Dimension</b>	595 x 385 x 63.8 mm
<b>Mounting</b>	VESA Mount/ Panel Mount
<b>Enclosure</b>	Anodized Aluminum Bezel
<b>Cooling System</b>	Fanless Design
Power	
<b>Power Rating</b>	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Accpetable
Accessory	
<b>Accessory</b>	User Manual Quick Start Guide (Hardcopy) M4 x 12 Black Screw Bolts
<b>Optional Accessory</b>	1 x USB cable

- AC to DC Adapter
- Power Cord
- 3 Pin Terminal Block
- 1 x VGA cable
- 1 x DVI cable
- 1 x HDMI cable
- 1 x RS232 cable

**DIMENSIONS** UNIT:MM



**NOTE**

1. This is a simplified drawing and some components are not marked in detail.
2. Only 24 V DC has been approved by the DNVGL certification.
3. Please contact our sales representative if you need further product information.
4. All specifications are subject to change without prior notice.
5. 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.