

# W24L100-MRA1FP

## 24" ECDIS Marine Display



### KEY FEATURES

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



### SPECIFICATIONS

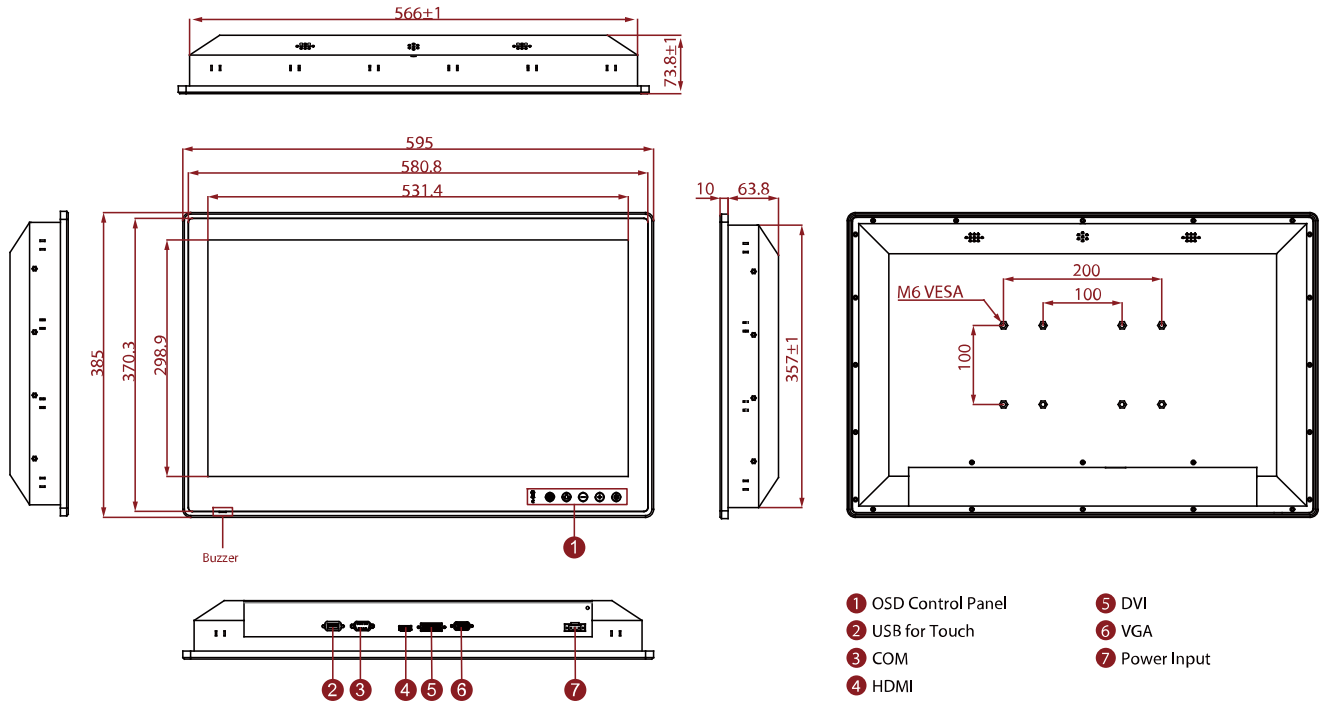
Display			
<b>Resolution</b>	1920x1080	<b>Size</b>	24 inches
<b>Contrast Ratio</b>	5000:1	<b>Panel Brightness</b>	300 nits
<b>Display Color</b>	16.7M Colors	<b>View Angles</b>	89,89,89,89
<b>Active Area</b>	531.36x298.89 mm	<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen (AR Film) AG film (Optional) AR Glass (Optional)
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
<b>Cut out</b>	570 x 360 mm		
Power			
<b>Power Rating</b>	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	<b>Consumption</b>	45W (Typical)
Accessory			

**Accessory**

User Manual  
 Quick Start Guide (Hardcopy)  
 M4 x 12 Black Screw Bolts  
 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

**Optional Accessory** 1 x USB 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.