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)
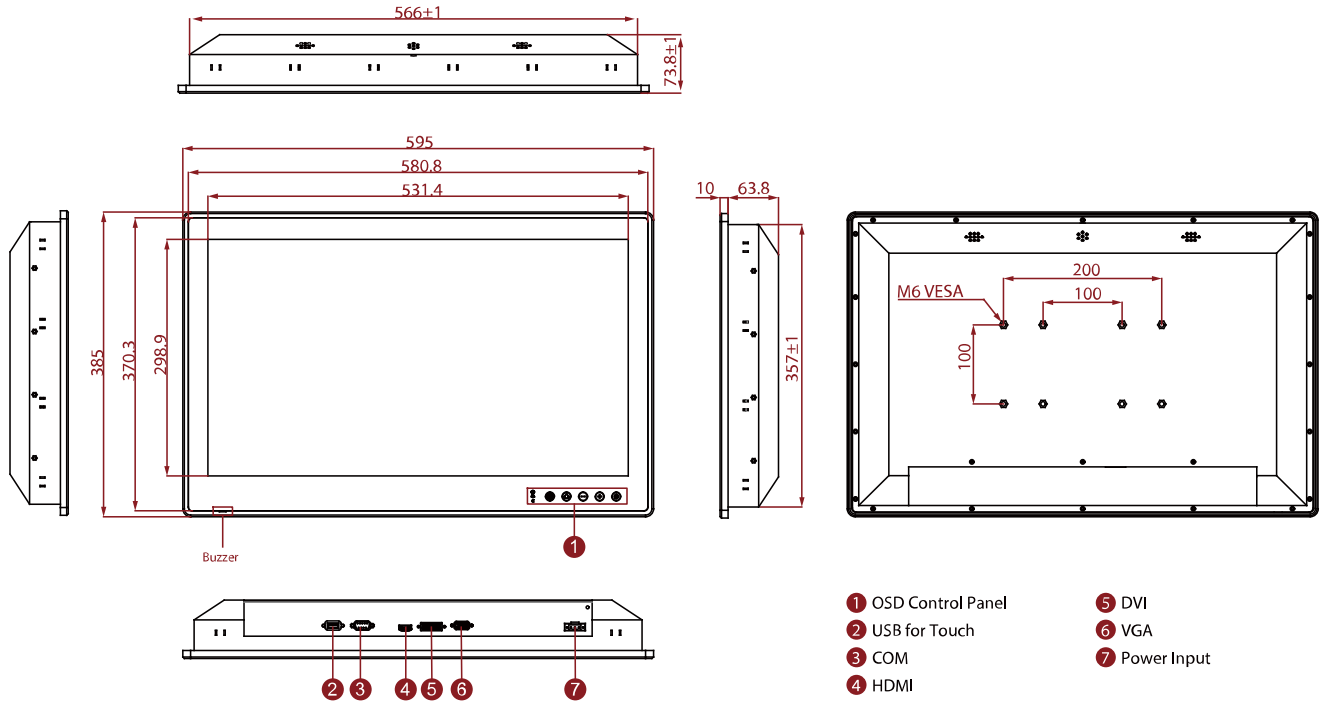- Meet the requirements of industrial marine standards, including IEC60945 4th Edition, DNVGL-CG-0339, IACS E10

SPECIFICATIONS

Display

Resolution	1920x1080	**Size**	24 inches
Contrast Ratio	5000:1	**Panel Brightness**	300 nits
Display Color	16.7M Colors	**View Angles**	89,89,89,89
Active Area	531.36x298.89 mm	**Touch / Glass**	Projected Capacitive Multi Touch Screen AR Glass (Optional)

Environment

Operating Humidity	5% to 95%	**Operating Temperature**	-15~55°C
Shock	15G,11ms duration	**Vibration**	0.7g@DNVGL CG-0339 (Class A)
IP rating	IP66 (Front Side)		

Certification

Certification	DNVGL-CG-0339, IEC60945 4th, IACS E10, CE, FCC

IO Ports

USB Port	1 x USB Type A	**Serial Port**	1 x RS232 for remote control
Video	1 x VGA 1 x DVI-D 1 x HDMI 1.4	**Front Control**	Power Brightness+ Brightness- OSD/ Enter ECDIS Key/ ESC
Indicator	Day Mode Dusk Mode Night Mode		

Mechanical

Dimension	595 x 385 x 63.8 mm	**Mounting**	VESA Mount/ Panel Mount
Enclosure	Anodized Aluminum Bezel	**Cooling System**	Fanless Design
Cut out	570 x 360 mm		

Power

Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable

Accessory

Accessory	User Manual	**Optional Accessory**	1 x USB cable

WINMATE

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

DIMENSIONS UNIT:MM

Winmate W24L100-MRA1FP

1 OSD Control Panel	**5** DVI
2 USB for Touch	**6** VGA
3 COM	**7** Power Input
4 HDMI	

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.