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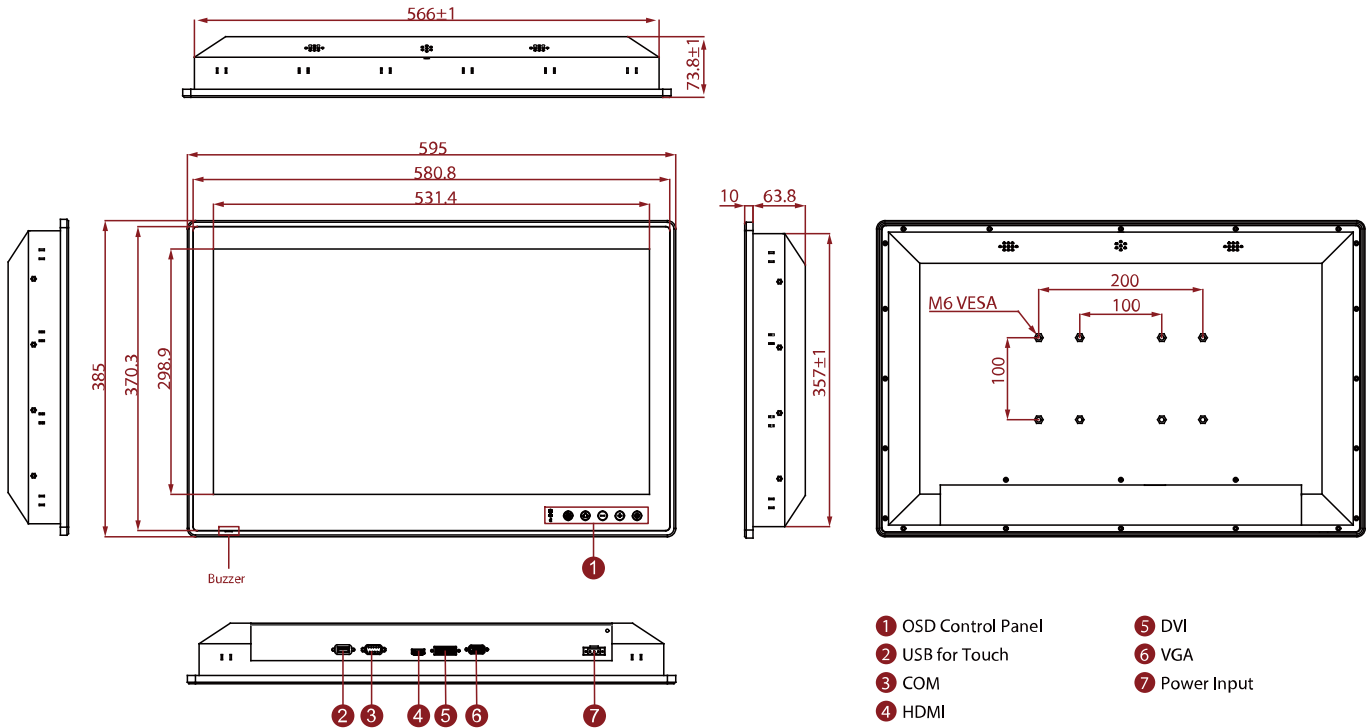- Meet the requirements of industrial marine standards, including IEC60945 4th Edition, DNVGL-CG-0339, IACS E10

SPECIFICATIONS

Display

Resolution	1920x1080	Size	24.0 inches
Contrast Ratio	5000:1	Panel Brightness	300.0 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 Coating) AG film (Optional) 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	CE, FCC DNVGL-CG-0339, IEC60945 4th, IACS E10

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	Buzzer	75 dB~80 dB, 2300 Hz, 1m

Mechanical

Dimension	595 x 385 x 63.8 mm	Weight	10.3 kg
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	Consumption	45W (Typical)

Accessory

Accessory	User Manual
	Mounting clips x 12
	AC to 12V DC Adapter
	Power Cord
	3 Pin Terminal Block
	Open Wire Cable
	1 x VGA cable
	1 x DVI cable
	1 x HDMI cable
	1 x RS232 cable
	1 x USB cable

DIMENSIONS UNIT:MM

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

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.

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