Sunlight Readable Marine PANEL Mount Display
Design and test to meet DNV Standard for Certification 2.4, IEC60945

Model: WPM-MAR-1200M4HB-TR

12.1" Marine Panel Mount LCD Display IP65, Rugged , 1024x768, 1000nits, 0-100% Dimming, wide Temp -15 ~ 55C and 24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable, 1x VGA, 1x DVI-D, 1x Composite 1x S-Video, 1x RS232 for Remote Control, w/ Resistive Touchscreen.

FEATURES:

- Dimming knob control backlight brightness from nearly 0% to 100%
- High brightness TFT-LCD Panel enhances the best visibility(Optional)
- IP66 aluminum housing with powder coating design (IP54 rear)
- 9 to 36V DC to DC power input acceptable (AC power for option)
- High quality touchscreen / AR protection glass for option
- PIP(picture in picture) function and multi-video inputs
- Ease of use front panel OSD control, High Brightness Marine Display
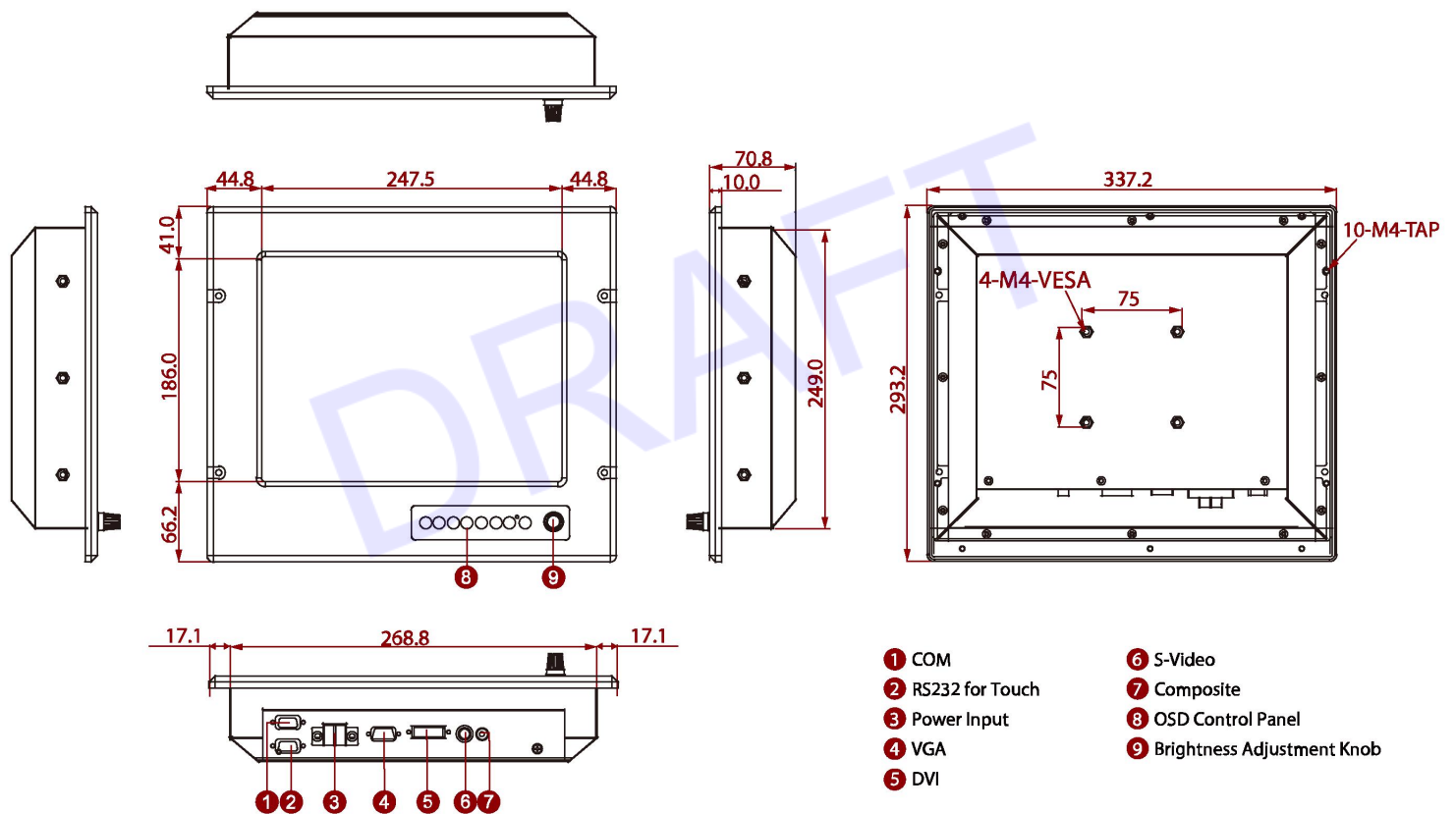- Enhanced shock and vibration resistance

SPECIFICATIONS

Display			
Touch / Glass	Resistive Touch Screen / AR Glass (Optional)		
Resolution	1024x768	**Size**	12.1 inches
Contrast Ratio	1000:1	**Panel Brightness**	1000 nits
View Angles	89,89,89,89	**Active Area**	245.76 x 184.32 mm
Touch / Glass	AR Glass (Optional)	**Display Color**	16.2M Colors
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		
Mechanical			
Dimension	337 x 293.2 x 70.8 mm	**Enclosure**	Metal Housing with Aluminum Bezel
Mounting	VESA Mount/ Panel Mount	**Cut out**	307 x 253mm
Cooling System	Fanless Design	**Weight**	4kg
IO Ports			
Video	1 x VGA 1 x DVI-D 1 x Composite 1 x S-Video	**Serial Port**	1 x RS232 for Remote Control 1 x RS232/USB for Touch Screen
Power			
Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	**Consumption**	35W (Typical)
Accessories			
Accessories	1 x User Manual. 1 x CD for Touchscreen Driver Tools. 1 x DVI Cable. 1 x VGA Cable. 1 x RS232 Serial Cable. 1 x S-Video Cable. 1 x Composite Cable		

Control	
Button	8 key: Esc/PIP Auto adjustment Left Right/Source OK/Menu Up Down Power 1 x The Dimming Knob

MECHANICAL DRAWING

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

❶ COM
❷ RS232 for Touch
❸ Power Input
❹ VGA
❺ DVI
❻ S-Video
❼ Composite
❽ OSD Control Panel
❾ Brightness Adjustment Knob

Drawing No.: WPM-MAR-1200M4HB-TR-10132023-V1