



# 21.5" Marine Bridge System Display

## Model # MBPM-21W

Ver. 2023-5-31



### Features

- Front hyper dimming knob control backlight brightness from nearly 0%-100%.
- Rugged construction, Front bezel NEMA4 / IP65 compliant.
- Front hardness glass protect screen (AR glass & touch for optional).
- Front OSD control buttons to optimized display.
- Built in 2x 2watts stereo speakers.
- Standard with HDMI, DVI, VGA, Composite Video, Audio input.
- Panel (Flush) mount with clips.
- Meet standard VESA mount and optional robust mounting bracket.
- IEC60945 certificated

### TFT Characteristics:

Screen Size	21.5 inch wide TFT LCD
Backlight Type	LED
Resolution	1920x1080
Contrast Ratio	3000:1
Brightness ( cd/m2 )	250 (high brightness 1000 cd/m2 for option)
View Angles ( H/V )	178/178
Max. Color	16.7M

### Power Specifications:

AC Power Input	Standard IEC Type power cord with Internal Power Adapter , 100-240V AC Input
DC Power Input ( option )	Screw Type Terminal Block with internal isolate DC 12V/24V/48V/125V power module

### Input Signals:

HDMI Signal	HDMI (Female)
DVI Signal	DVI-D (Female)
VGA Signal	D-SUB 15P connector (Female)
Composite Video	RCA Phono plug
Audio	3.5" jack
AC Power Input	Standard IEC Inlet
DC Power Input ( option )	Screw Terminal Block
Touch Screen ( option )	USB-A or D-SUB 9P connector (Female)

### Mechanical and Environmental:

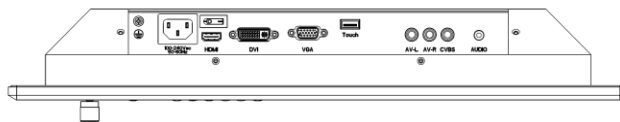
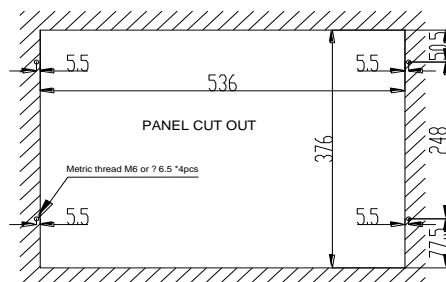
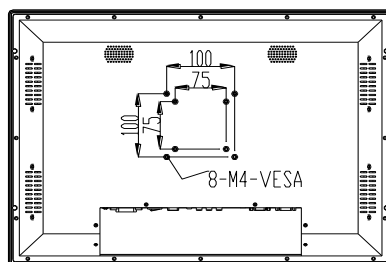
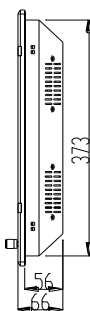
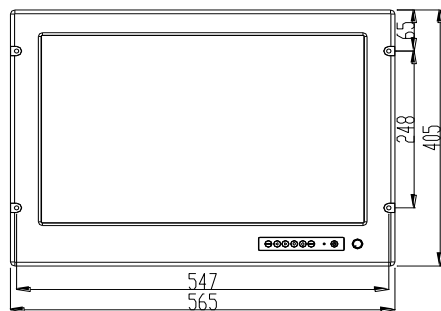
IP Protect	Front IP65 Grade
Mounting	Panel ( Flush ) Mount, VESA Mount, Robust Bracket, Sun-visor Bracket
Construction	Aluminum Front Bezel + Metal Housing
Operating Temperature	0 - 50 deg. C
Operating Humidity	5% - 95% ( non -condensing )
Anti-Vibration	5 - 500 Hz / 1 Grms PTP
Anti-Shock	15G / Peak ( 11 ms )
Physical Dimension (WxHxD)	565 x 405 x 66mm
Packing Dimension (WxHxD)	700 x 540 x 220mm
Net Weight / Gross Weight	11 / 14.5 KGs
Certification and Approvals	CE / FCC / RoHs / IEC60945

### User Controls:

Power On/Off via front buttons
VR Brightness Knob adjustment
Power Mode Status LED indicator
On Screen Display control(OSD)
OSD Remote Control via RS-232 ( option )

### Available Options:

Touch Screen	Resistive, Projected capacitive touch
AR Hardness Glass	3mm Anti-Reflective Protect Glass
DC Power	Isolate 12V/24V/48V/125V DC Power
SR-BKT	Stand & Roof Mounting Bracket
RT-BKT	Rotary Plate Robust Bracket
SV-BKT	Sun-Visor Bracket



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