

# Front IP65 Marine Bridge Display Monitor



Front IP65 23.8" Wide Marine Bridge Display Monitor 1920 x 1080 1000nits, HDMI, VGA, composite video, audio input, IEC60945 certificated Front hyper dimming knob control backlight brightness from nearly 0%-100% Internal Power Adapter , 100-240V AC Input+ PCT Touch Screen USB controller (Model: AMARW2380-PCT)

## 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.
- Build in 2x 2watts stereo speakers.
- Support PIP & POP function.
- Standard with HDMI, VGA, Composite Video, Audio input.
- Panel (Flush) mount with clips.
- Meet standard VESA mount and optional robust mounting bracket.
- IEC60945 certificated

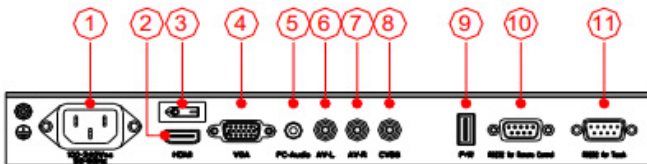
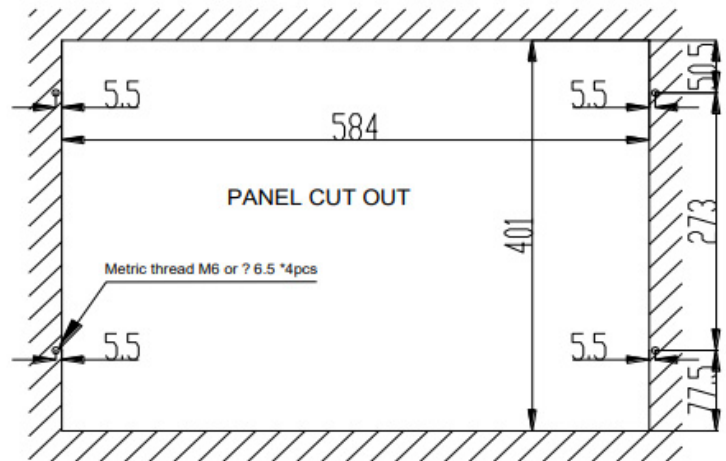
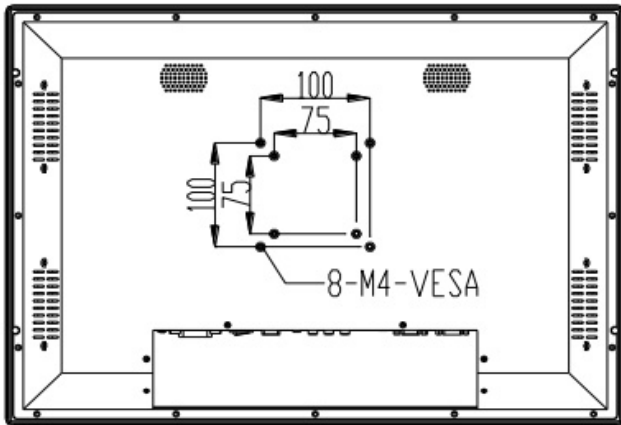
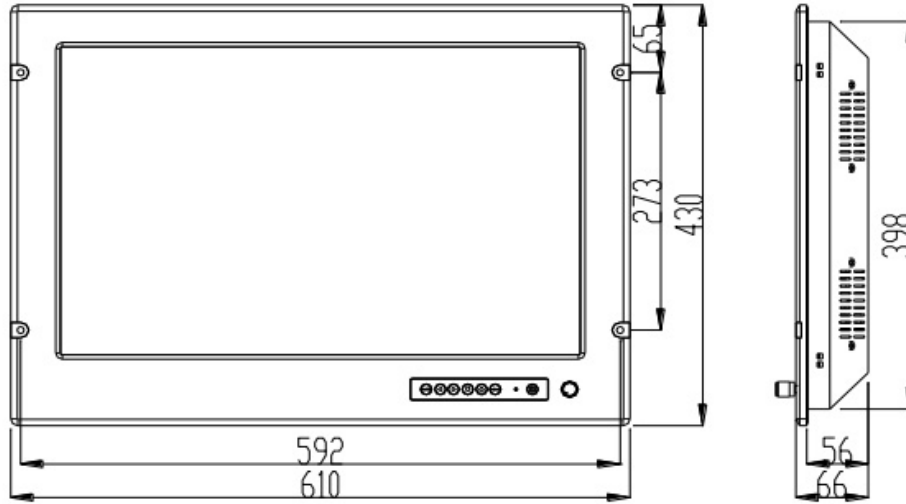
## Specification:

| TFT Characteristics                      |                                      |
|--|--------------------------------------|
| Screen Size                              | 23.8 inch wide TFT LCD               |
| Backlight Type                           | LED                                  |
| Resolution                               | 1920x1080 (support up to 1920x1200)  |
| Contrast Ratio                           | 1000:1                               |
| Brightness ( cd/m2 )                     | 1000                                 |
| View Angles ( H/V )                      | 178/178                              |
| Max. Color                               | 16.7M                                |
| MTBF (Hrs. )                             | 50,000                               |
| Input Signals:                           |                                      |
| HDMI Signal                              | HDMI                                 |
| 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) |
| RS-232 Remote (option)                   | D-SUB 9P connector ( Female )        |
| 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 ) |                                      |

| 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 |
| 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)   | 610 x 430 x 66mm   |
| Packing Dimension (WxHxD)    | 740 x 560 x 220mm  |
| Net Weight / Gross Weight    | 12 / 15.5 KGs  |
| Certification and Approvals  | CE / FCC / RoHs / IEC60945   |
| Available Options            |  |
| Touch Screen                 | Resistive, Capacitive, SAW, IR 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  |



**Mechanical Drawing:**



- |              |                               |
|--------------|-------------------------------|
| 1 . AC Inlet | 7 . AV-R                      |
| 2 . HDMI     | 8 . CVBS                      |
| 3 . Power sw | 9 . F/W                       |
| 4 . VGA      | 10 . RS232 for Remote control |
| 5 . PC-Audio | 11 . RS232 for Touch          |
| 6 . AV-L     |                               |