24" Marine Bridge System Display
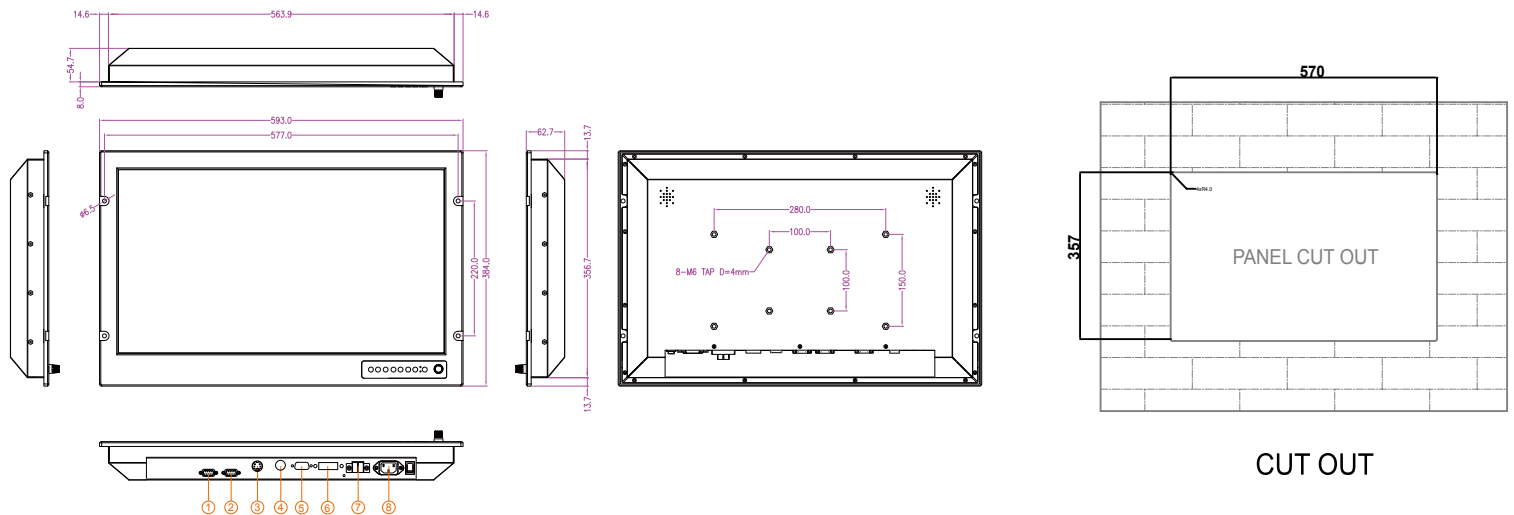
Model # W24L100-MRA1

Features:

- **Hyper Dimming** : Dimming knob control backlight brightness from nearly 0% to 100%
- **Anti-Corrosion & IP Proof** : IP66 aluminum housing with powder coating design (IP54 rear)
- **Wide Voltage Range Input** : 24V DC Isolated Power Module approve by DNV
- **Touchscreen/ Protection Glass** : High quality touchscreen / AR protection glass for option
- **IP65 OSD Fornt Panel Design** : Ease of use front panel OSD control
- **Anti-Shock and Vibration** : Enhanced shock and vibration resistance

Mechanical Design Drawings

PANEL CUT OUT

CUT OUT

1. RS232 Remote Control
2. Touch USB / RS232
3. VGA
4. S-Video
5. Composite
6. DVI
7. DC input
8. AC input (Optional)

* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

TFT Characteristics:

Pixel Number	: 1920 x 1080
Pixel Pitch(RGB)	: 0.276 (H) x 0.276 (V) mm
Contrast Ratio	: 5000:1(typ.)
Light Intensity	: 250 cd/m^2 (typ.)
Viewable Angles	: 178 (H);178 (V)
Active Display Area	: 531.36(H) x 298.89(V) mm
Max Colors	: 16.7M (8bit/colors)

Input Signals:

RGB Signal	: D-SUB 15P connector(female)
Composite Video	: RCA phone plug
S-Video Signal	: S-Video (SVHS) plug
DVI-D Signal	: DVI-D input 24pin connector
DC Power Signal	: Screw terminal block
AC Power Signal (Optional)	: Std IEC Inlet
Touch Screen (Optional)	: D-SUB 9P connector (female)
Remote via RS-232 (Optional)	: D-SUB 9P connector (female)

User Controls:

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

Power Specifications:

Power Supply Options	: 24V DC Isolated Power Modul
Power Consumption	: 80 W typical, normal operation

Mechanical and Environmental:

Mechanical Mounting	: Panel (Flush) mount with IP66*, VESA, Bracket mounting
Operating Temperature	: -15 to 55 deg.C
Storage Temperature	: -20 to 60°C
Operating Humidity	: 5% to 95% (non condensing)
Anti-Vibration	: 5Hz~500Hz / 1Grms/3 Axis
Anti-Shock	: 15G, 11ms duraiton

Available Options:

Touch Screen Options	: 5 Wire Resistive
AR Safety Glass Options	: 3mm Anti-reflective protection glass
Multiscan Function	: PIP function & multi-video inputs not by DNV approval

Certification and Approvals : CE,FCC,IEC60945,DNV2.4,IACS-E10

CE FC RoHS COMPLIANT 2011/65/EU