

12.1" Marine Bridge System Display

Model # R12L100-MRM6HB

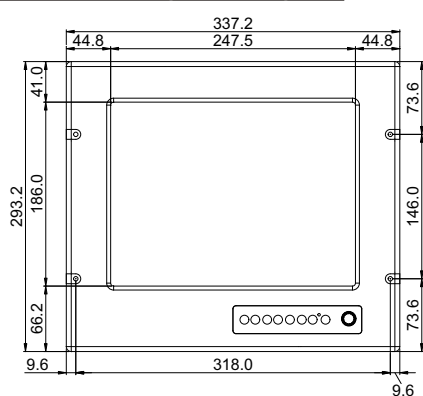
Features:



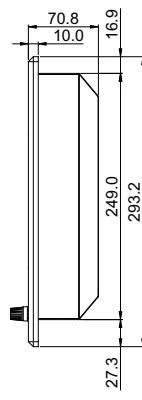
- Hyper Dimming : Dimming knob control backlight brightness from nearly 0% to 100%
- High Brightness LCD Panel : High brightness TFT-LCD panel enhance the best visibility
- Ruggedized IP65 Proof : Panel (flush) mount with IP65 aluminum housing design (IP54 rear)
- Wide Voltage Range Input : 8 to 36VDC to DC power input acceptable (AC power for option)
- Touchscreen/ Protection Glass : High quality touchscreen/ AR protection glass for option
- Multiscan Function : PIP (picture in picture) function and multi-video inputs
- IP65 OSD Front Panel Design : Ease of use front panel OSD control
- Anti-Shock and Vibration : Enhanced shock and vibration resistance



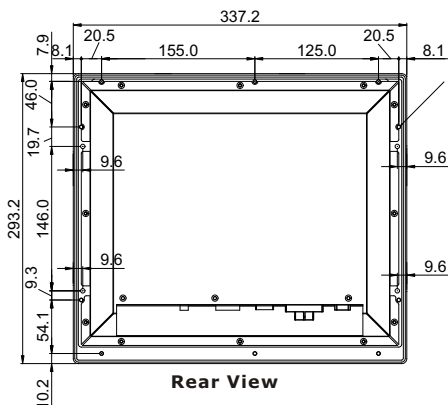
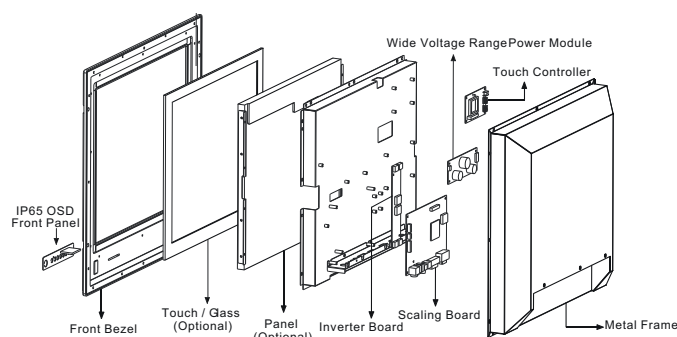
Mechanical Design Drawings



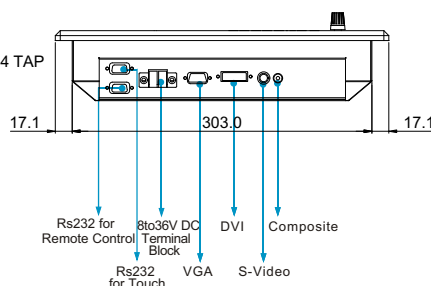
Front View



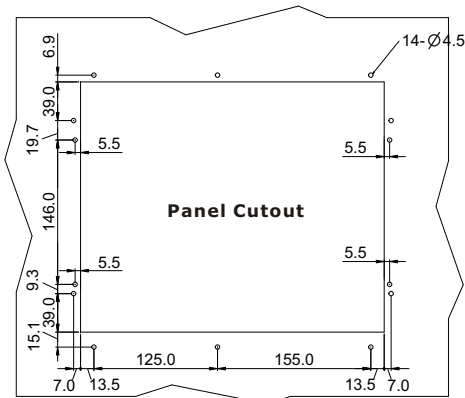
Side View



Rear View



Bottom View



All Dimensions are ±0.5 mm

TFT Characteristics:

Pixel Number	: 800 x 600
Pixel Pitch(RGB)	: 0.3075 (H) x 0.3075 (V) mm
Contrast Ratio	: 500:1 (typ.)
Light Intensity	: 1000 cd/m ² (typ.)
Viewable Angles	: -65~65(H); -75~45(V)
Active Display Area	: 246.0 (H) x 184.5 (V) mm
Max Colors	: 16.7M (8bit/colors)

Input Signals:

RGB Signal	: D-SUB 15P connector (female)
Composite Video	: RCA phono 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 : 8 to 36 V DC to DC power supply with terminal block
90 to 265 V AC (optional)
Power Consumption : 53 W typical, normal operation

Environmental Considerations:

Operating Temperature : -10 to 55 deg.C (-20 to 60 deg.C for optional heating)
Operating Humidity : 5% to 95% (non condensing)
Anti-Vibration : 5Hz~500Hz / 1Grms/3 Axis
Anti-Shock : 15G, 11ms duration

Available Options:

Mechanical Options : Panel (Flush) mount with IP65*
Touch Screen Options : SAW, 5 Wire Resistive
AR Safety Glass Option : 3mm Anti-reflective protection glass
* SAW touch for IP54