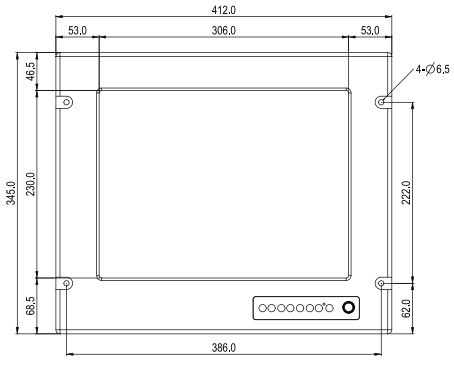
15" Marine Bridge System Display

Model # MRD-15L100-HB

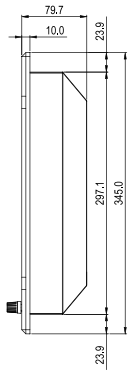
Features:

- 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
- Ruggidized IP65 Proof : Panel (flush) mount with IP65 aluminum housing design (IP54 rear)
- Wide Voltage Range Input : 8 to 36V DC 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 Fornt Panel Design : Ease of use front panel OSD control
- Anti-Shock and Vibration : Enhanced shock and vibration resistance

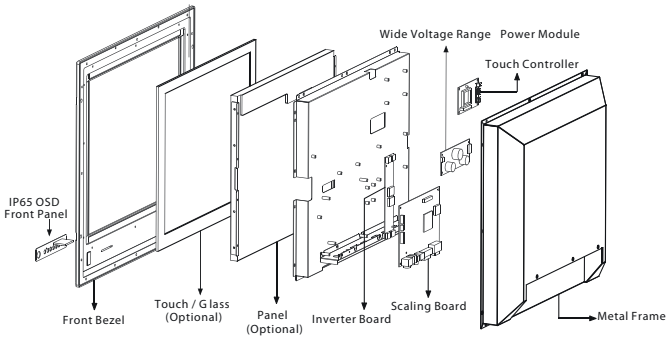
Mechanical Design Drawings

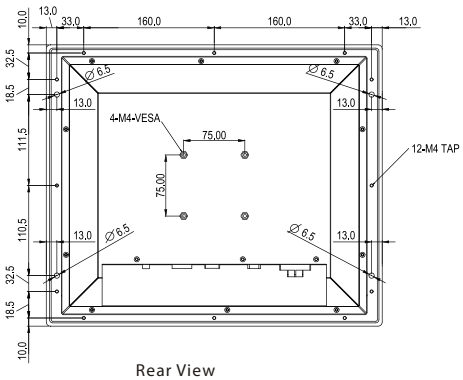


Front View

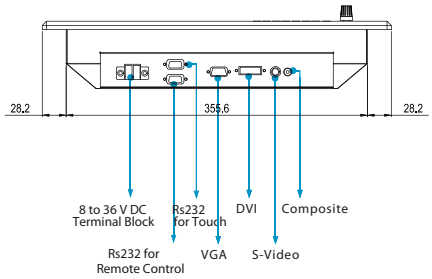


Side View

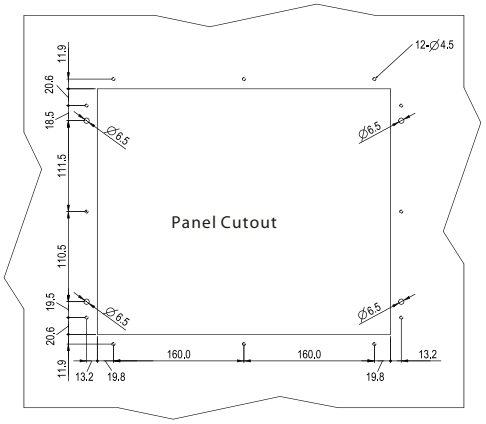




Rear View



Bottom View



All Dimensions are ±0.5 mm

TFT Characteristics:

Pixel Number	:	1024 x 768
Pixel Pitch(RGB)	:	0.297 (H) x 0.297 (V) mm
Contrast Ratio	:	600:1(typ.)
Light Intensity	:	800 cd/m^2 (typ.)
Viewable Angles	:	-75~75(H);-60~50(V)
Active Display Area	:	304.1 (H) x 228.1 (V) mm
Max Colors	:	16.7 M (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	:	40 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~500 Hz / 1Grms/3 Axis
Anti-Shock	:	15G, 11ms duraiton

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
VESA Mounting	:	Yes

* SAW touch for IP54

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Certification and Approvals :

FC CE RoHS COMPLIANT 2002/95/EC