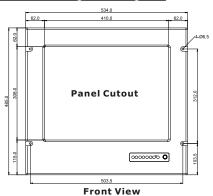
# **20.** 1 Marine Bridge System Display

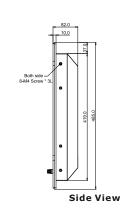
### Model # R20L100-MRA2

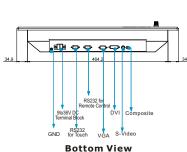


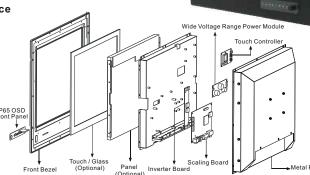
- Hyper Dimming Dimming knob control backlight brightness from nearly 0% to 100%
- Sunlight Readable Transflective film technology enhance visibility
- IP65 aluminum housing with powder coating design (IP54 rear) **Anti-Corrosion & IP Proof**
- 9 to 36V DC to DC power input acceptable (AC power for option) Wide Voltage Range Input
- High quality touchscreen / AR protection glass for option Touchscreen/ Protection Glass :
- **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

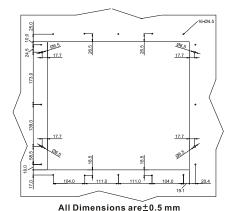








**Modularized Construction** 



\* 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 : 1600 x 1200

Pixel Pitch(RGB) : 0.255 (H) x 0.255(V) mm

Contrast Ratio 700:1(typ.) Light Intensity 300 cd/m2 (typ.) Viewable Angles -89~89(H);-89~89(V) Active Display Area 408.0 (H) x 306.0(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)

Certification and Approvals : CE, FCC

#### 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** : 9 to 36 V DC power supply with Terminal block (Default), 90 to 265V AC powersupply

**Power Consumption** : 70 W typical, normal operation

#### **Mechanical and Environmental:**

Panel (Flush) mount with IP65\*, VESA, Bracket mounting Mechanical Mounting **Operating Temperature** -10 to 55 deg.C (-20 to 60 deg.C for optional heating)

5% to 95% (non condensing) Operating Humidity 5Hz~500Hz / 1Grms/3 Axis Anti-Vibration 15G, 11ms duraiton Anti-Shock

\* SAW touch for IP54

#### **Available Options:**

Touch Screen Options SAW 5 Wire Resistive

AR Safety Glass Options 3mm Anti-reflective protection glass

Transflective Options Yes (Enhance Visibility)

AC power Options Yes (90 to 265 V AC power input)

: Yes (One robust bracket can adjust from -10 to 30 deg.) **Bracket Mounting Options** 





# 20, 1 Warine Bridge System Display

### **Model # R20L100-MRA2**

## Mechanical Design with Robust Bracket (options) 000000000 SIDE VIEW **BACK VIEW** FRONT VIEW **BOTTOM VIEW ROOF MOUNT** STAND ANGLE ROOF MOUNT STAND ANGLE All Dimensions are ±0.5 mm

\*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.



	Rev.	Reasons	Revised Date
	1.0	Add holes for brackets on back cover*	Nov-17-08
	1.1	Spec change	Aug-06-10
	1.2	Spec change	Feb-16-11
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<sup>\*</sup>Extra charge is required for back covers with bracket holes for products purchased before end of Nov. 08'