17" Marine Bridge System Display

Model # R17L500-MRM1

Features:

- Dimming
- Sunlight Readable
- PIP
- IP65 Proof
- OSD Front Panel
- AR Safety Glass
- Anti-Corrosion
- TouchScreen
- Wide Voltage Input | 12V / 24V / 36V

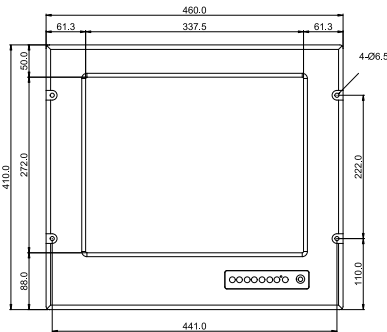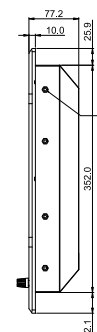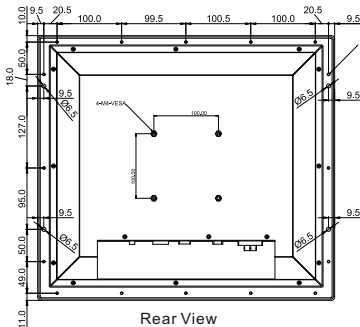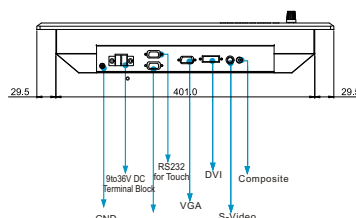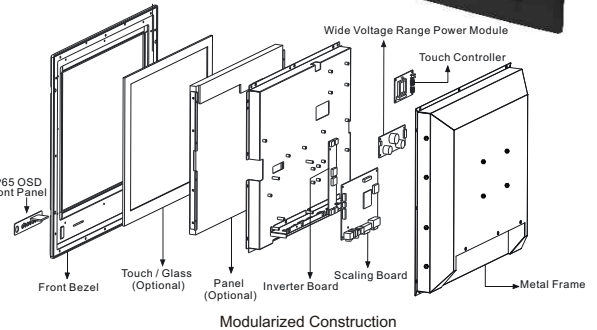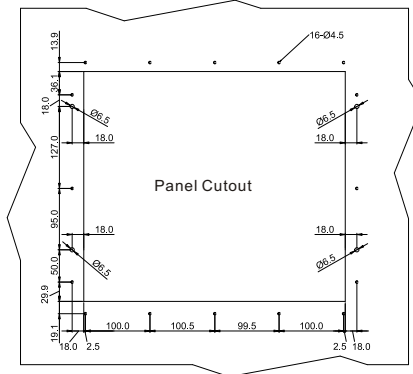| Feature	Description
■ Hyper Dimming	: Dimming knob control backlight brightness from nearly 0% to 100%
■ Anti-Corrosion & IP Proof	: IP65 aluminum housing with powder coating design (IP54 rear)
■ Wide Voltage Range Input	: 9 to 36V DC to DC power input acceptable (AC power for option)
■ Touchscreen/ Protection Glass	: High quality touchscreen / AR protection glass for option
■ IP65 OSD Front Panel Design	: Ease of use front panel OSD control
■ Anti-Shock and Vibration	: Enhanced shock and vibration resistance

Mechanical Design Drawing

Front View

Side View

Rear View

Bottom View

Wide Voltage Range Power Module

Touch Controller

Front Bezel | Touch / Glass (Optional) | Panel (Optional) | Inverter Board | Scaling Board | Metal Frame

Modularized Construction

Panel Cutout

Both side 8-M4 Screw * 3L

IP65 OSD Front Panel

9to36V DC Terminal Block | RS232 for Touch | DVI | Composite
GND | RS232 for Remote Control | VGA | S-Video

* 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	:	1280 x 1024
Pixel Pitch(RGB)	:	0.264 (H) x 0.264 (V) mm
Contrast Ratio	:	1000:1(typ.)
Light Intensity	:	350 cd/m² (typ.)
Viewable Angles	:	-85~85(H);-80~80(V)
Active Display Area	:	337.92 (H) x 270.34(V) mm
Max Colors	:	16.7M (6bits+Hi-FRC/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	: 48 W typical, normal operation

Mechanical and Environmental:

Mechanical Mounting	: Panel (Flush) mount with IP65*, VESA, Bracket mounting
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
* SAW touch for IP54	

Available Options:

Touch Screen Options	: 5 Wire Resistive
AR Safety Glass Options	: 3mm Anti-reflective protection glass
AC power Options	: Yes (90 to 265 V AC power input)
Bracket Mounting Options	: Yes (One robust bracket can adjust from -10 to 30 deg.)

CE FC RoHS COMPLIANT 2002/95/EC

Note: All Specifications are subject to change without prior notice!   Revised Date : 12/10/2010

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17" Marine Bridge System Display

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Mechanical Design with Robust Bracket (optio...

FRONT VIEW

SIDE VIEW

Both side
8-M4 Screw * 3L

BACK VIEW

4-M4-VESA

BOTTOM VIEW
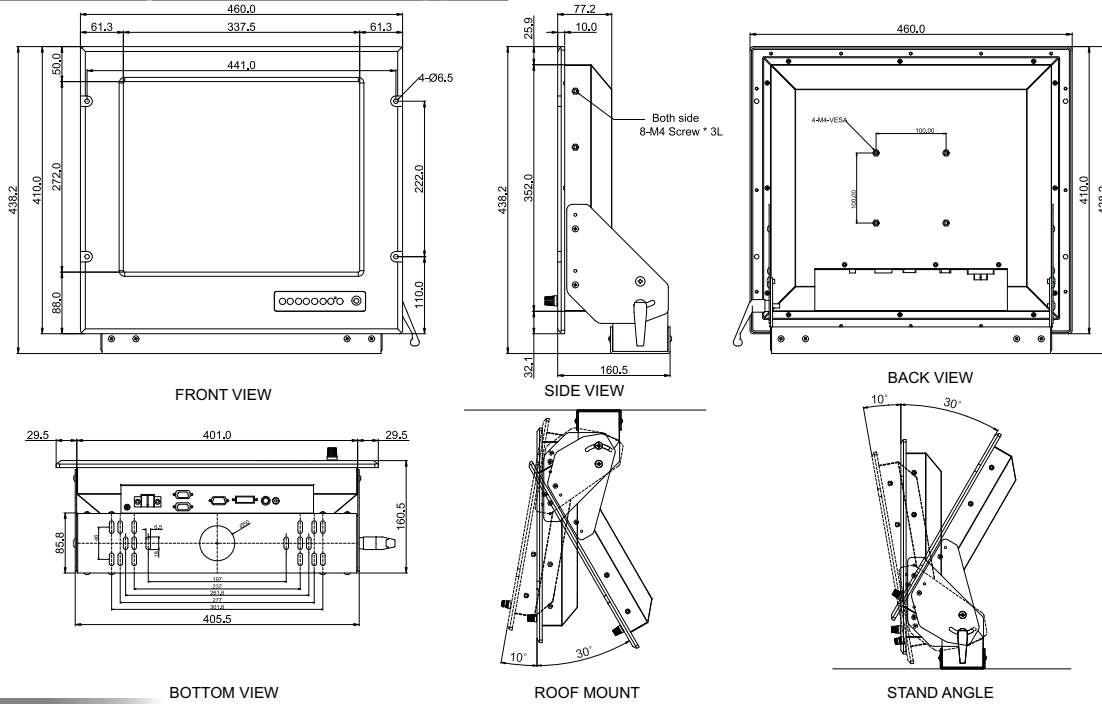
ROOF MOUNT

STAND ANGLE

ROOF MOUNT

444.4

420.4

10°

455.1

30°

STAND ANGLE

438.2

10°

414.4

30°

449.8
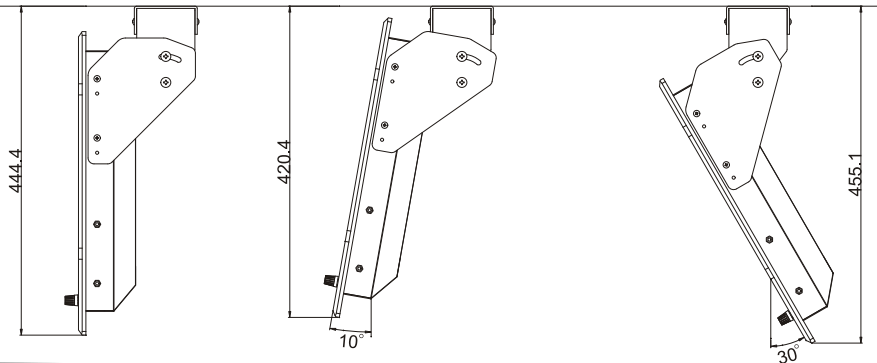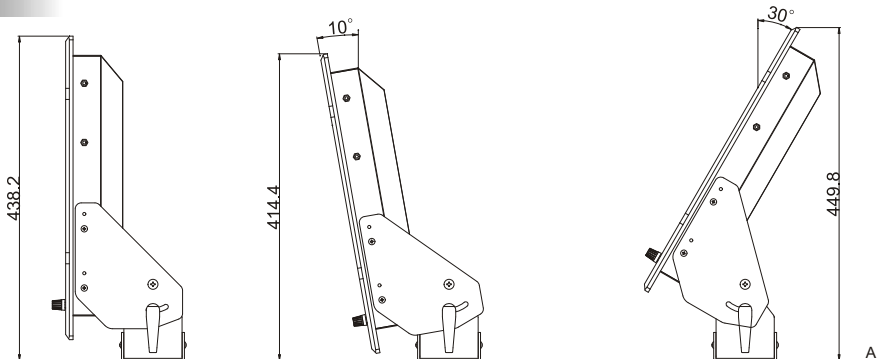
All Dimensions are ± 0.5 mm

* 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	First release *	Apr-12-10
1.1	Spec change	Jun-02-10
1.2	Spec change	Dec-10-10

Certification and Approvals : CE, FCC

* Extra charge is required for back covers with bracket holes for products purchased before end of Nov. 08'

Revised Date : 12/10/2010

Assured Systems

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