



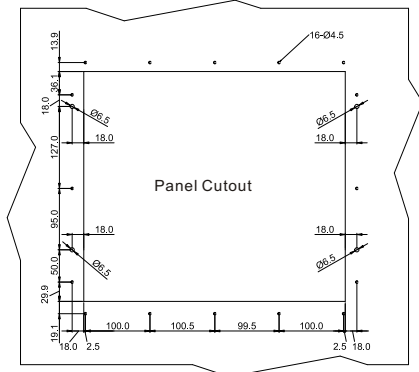
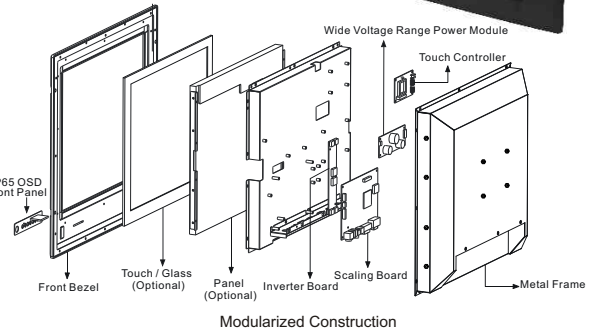
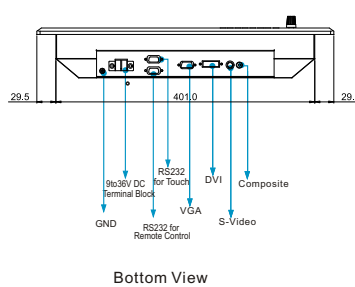
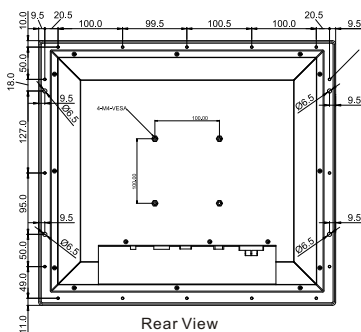
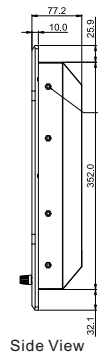
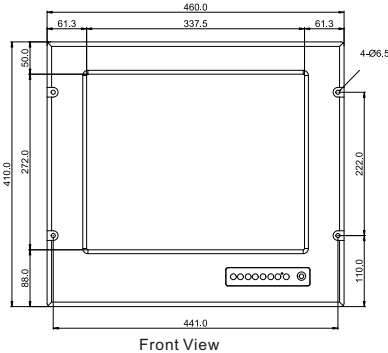
## Features:



- 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



\* 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/m <sup>2</sup> (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)

### 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.)

Certification and Approvals : CE, FCC



Note: All Specifications are subject to change without prior notice!

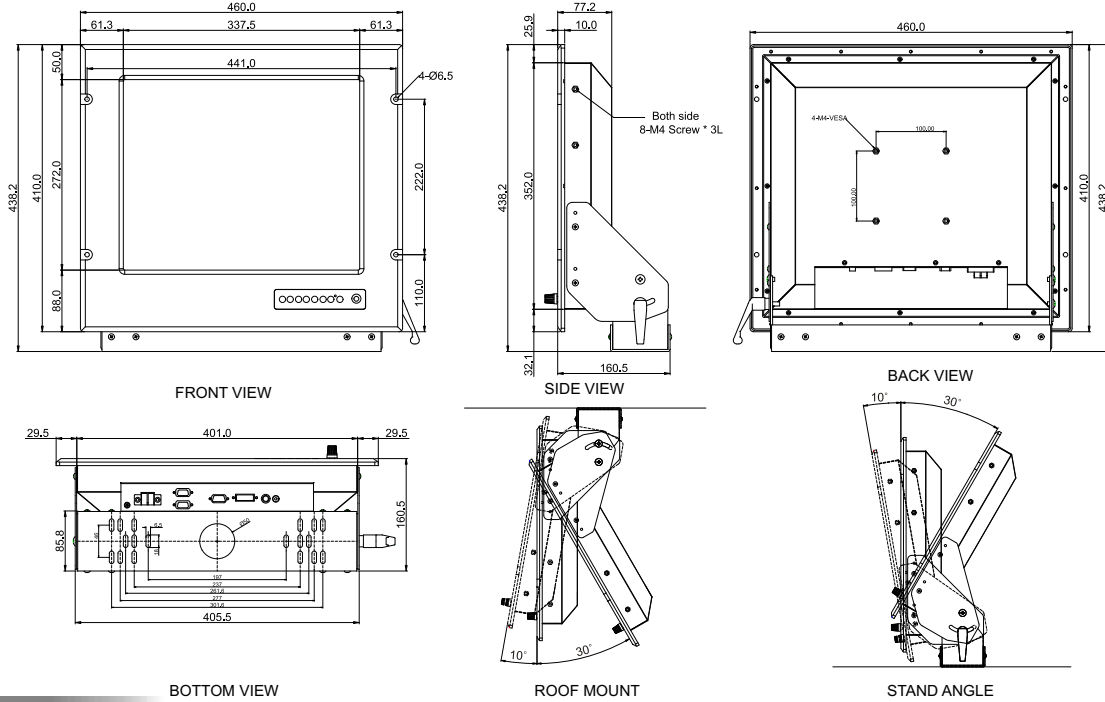
Revised Date : 12/10/2010



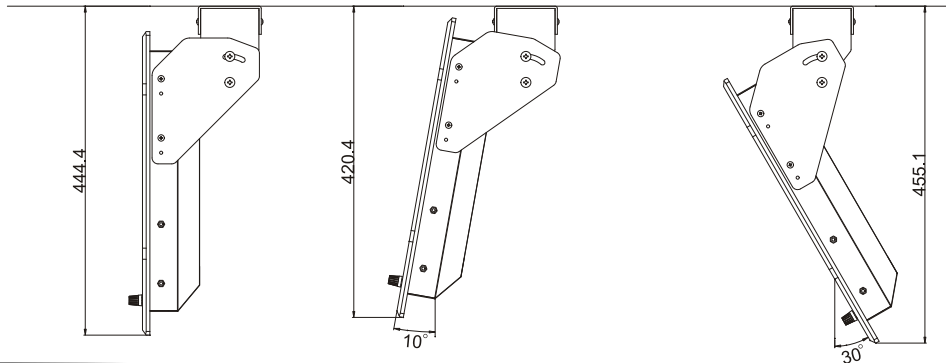
# 17" Marine Bridge System Display

Model # R17L500-MRM1

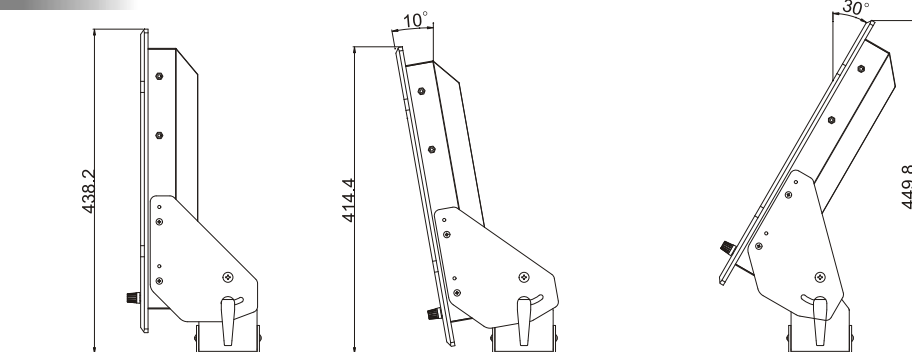
## Mechanical Design with Robust Bracket (option)



### ROOF MOUNT



### STAND ANGLE



All Dimensions are  $\pm 0.5$  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

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

Certification and Approvals : CE, FCC



Note: All Specifications are subject to change without prior notice!

Revised Date : 12/10/2010

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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