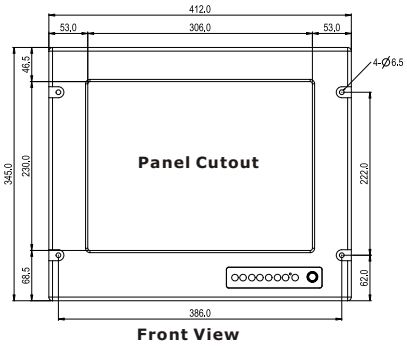
15" Marine Bridge System Display

Model # R15T600-MRA1

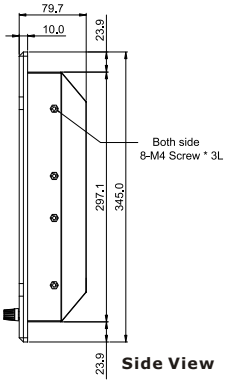
Features:

- **Hyper Dimming** : Dimming knob control backlight brightness from nearly 0% to 100%
- **Sunlight Readable** : Transflective film technology enhance visibility
- **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
- **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

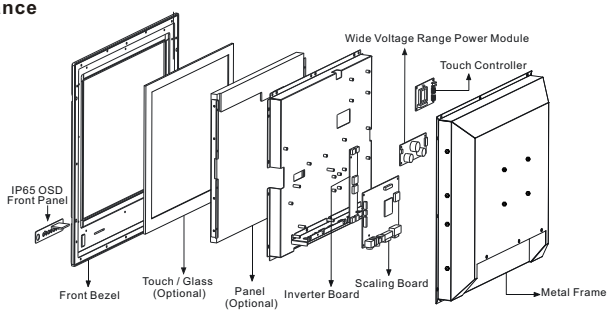
Mechanical Design Drawings



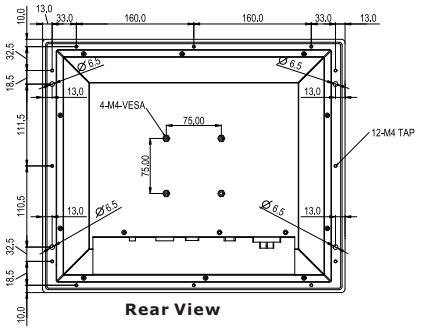
Front View



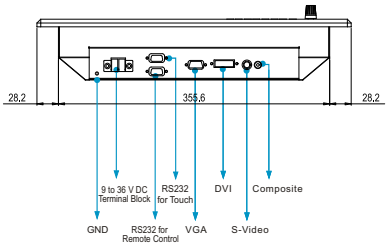
Side View



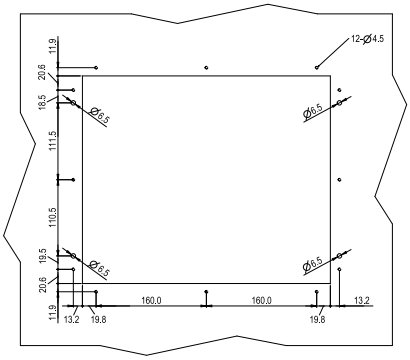
Modularized Construction



Rear View



Bottom View



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.

TFT Characteristics:

Pixel Number	:	1024 x 768
Pixel Pitch(RGB)	:	0.297 (H) x 0.297 (V) mm
Contrast Ratio	:	500:1(typ.)
Light Intensity	:	550 cd/m^2 (typ.)
Viewable Angles	:	-70~70(H);-50~70(V)
Active Display Area	:	304.1 (H) x 228.1 (V) mm
Max Colors	:	16.2M (6bit+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	: 40 W typical, normal operation

Mechanical and Environmental:

Mechanical Mounting	: Panel (Flush) mount with IP65*, VESA, Bracket mounting
Operating Temperature	: -10 to 55 deg.C
Operating Humidity	: 5% to 95% (non condensing)
Anti-Vibration	: 5Hz~500Hz / 1Grms/3 Axis
Anti-Shock	: 15G, 11ms duraiton

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

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

Revised Date : 02/16/2011

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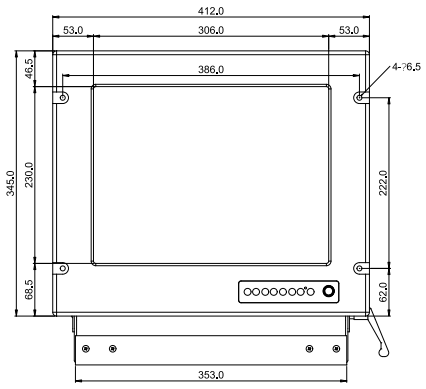
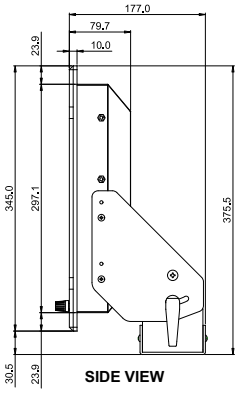
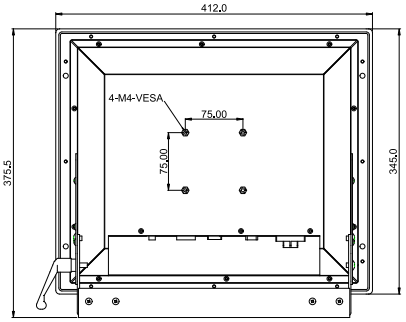
Mechanical Design with Robust Bracket (options)



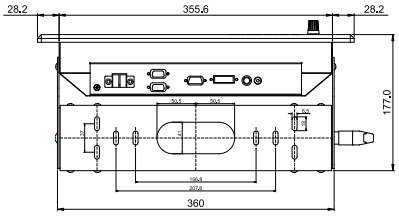
FRONT VIEW



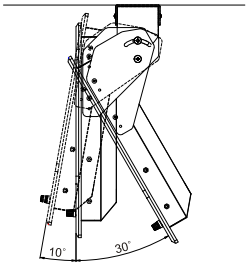
SIDE VIEW



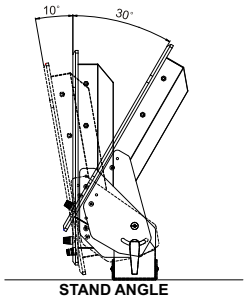
BACK VIEW



BOTTOM VIEW

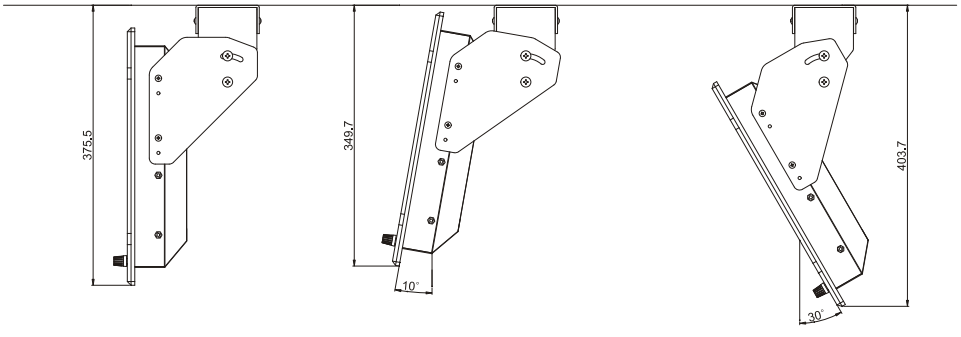


ROOF MOUNT

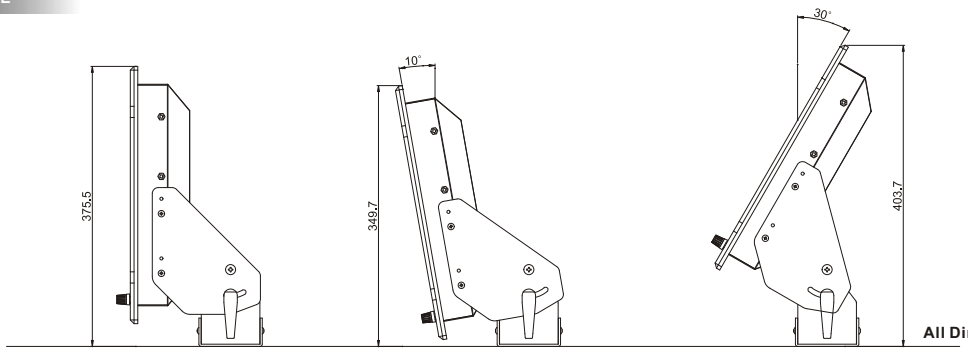


STAND ANGLE

ROOF MOUNT



STAND ANGLE



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Rev.	Reasons	Revised Date
1.0	Add holes for brackets on back cover*	Nov-17-08
1.1	Spec change	Feb-16-11

Certification and Approvals : CE, FCC

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

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Revised Date : 02/16/2011

Assured Systems

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