10.4"
Marine Bridge System Display

Features:

Dimming | Sunlight Readable | PIP | IP66 Proof | OSD Front Panel | AR Safety Glass | Anti-Corrosion | TouchScreen | Wide Voltage Input
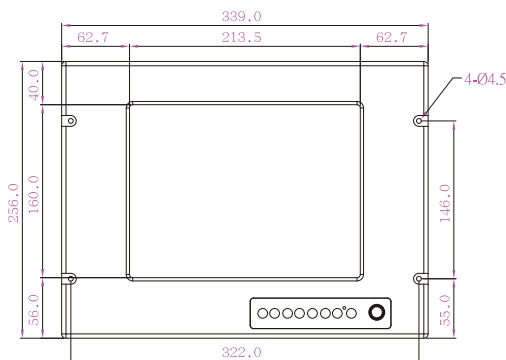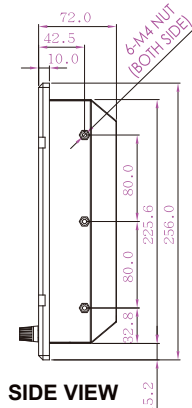
- **Hyper Dimming** : Dimming knob control backlight brightnee from nearly 0%to 100%
- **Sunlight Readable** : Transflective film technology enhance visibility
- **Anti-Corrosion & IP Proof** : IP66 aluminum housing with powder coating design (IP54 rear)
- **Wide Voltage Range Input** : 24V DC to DC power input acceptable (Isolation Resistance)
- **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
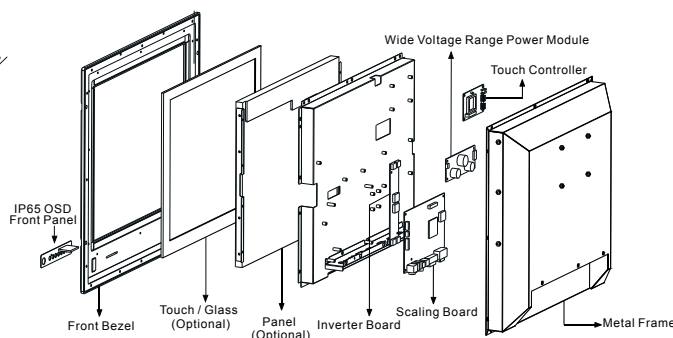- **Anti-Shock and Vibration** : Enhanced shock and vibration resistance
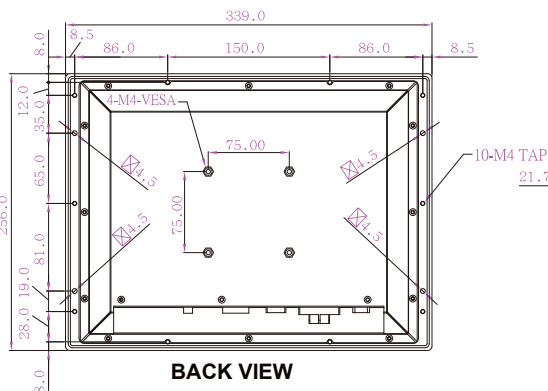
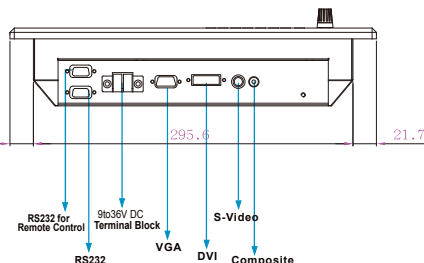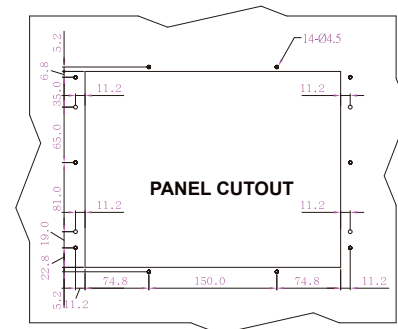## Mechanical Design Drawings

FRONT VIEW

SIDE VIEW

Modularized Construction

Wide Voltage Range Power Module
Touch Controller
IP65 OSD Front Panel
Front Bezel | Touch / Glass (Optional) | Panel (Optional) | Inverter Board | Scaling Board | Metal Frame

BACK VIEW

BOTTOM VIEW

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

PANEL CUTOUT

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	:	800 x 600
Pixel Pitch(RGB)	:	0.264(H) x 0.264(V)
Contrast Ratio	:	500 : 1(typ.)
Panel Brightness	:	400 cd/m$_2$ (typ.)
Viewable Angles	:	-70~70(H);-60~50(V)
Active Display Area	:	211.2(H) x 158.4(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,IEC60945,DNV2.4,IACS-E10

User Controls:

Power On/Off via Front Button
Power Mode Status LED
On Screen Display control(OSD)
OSD Remote Control via RS-232

Power Specifications:

Power Supply	:	24V DC power supply with Terminal block (Default,Isolation Resistance)
Power Consumption	:	21 W typical, normal operation

Mechanical and Environmental:

Mechanical Mounting	:	Panel (Flush) mount with Ip66*, VESA, Bracket mounting
Operating Temperature	:	-15 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:

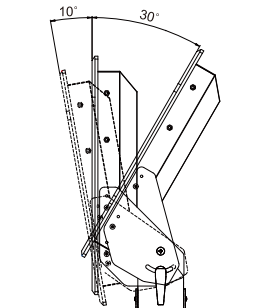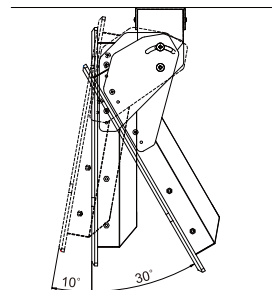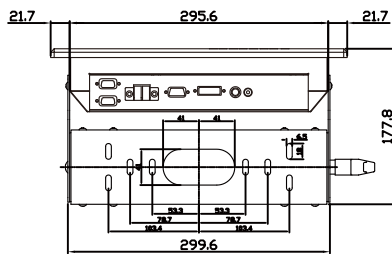|		
Touch Screen Options	:	SAW, 5 Wire Resistive
AR Safety Glass Options	:	3mm Anti-reflective protection glass
Transflective Options	:	Yes (Enhance Visibility)
Bracket Mounting Options	:	Yes (One robust bracket can adjust from -10 to 30 deg.)

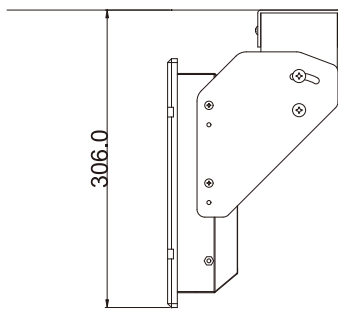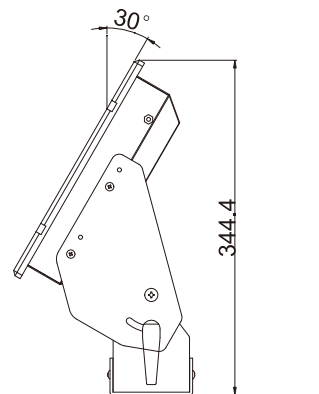## Mechanical Design with Robust Bracket (options)
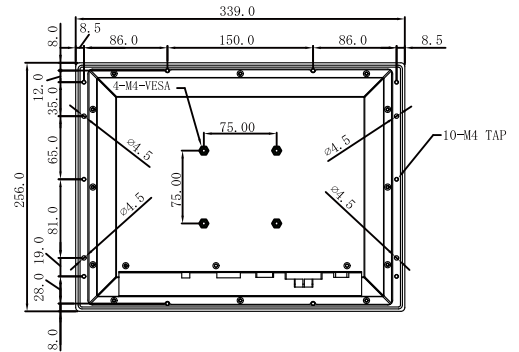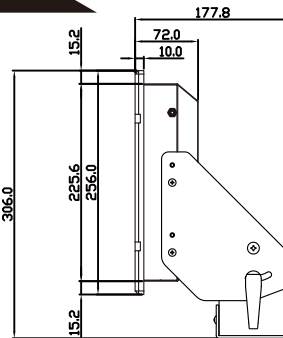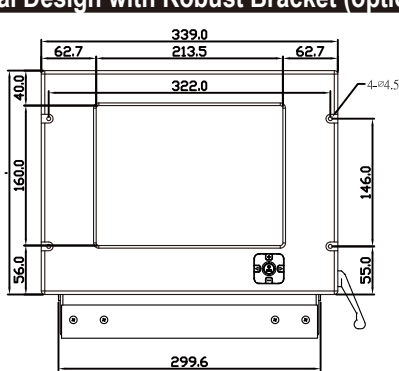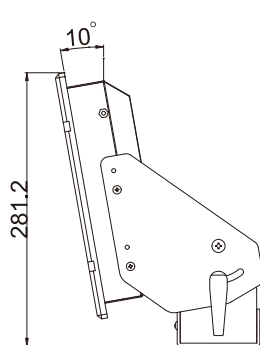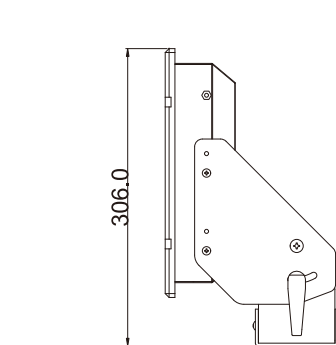

SIDE VIEW

BACK VIEW

BOTTOM VIEW

ROOF MOUNT

STAND ANGLE

ROOF MOUNT
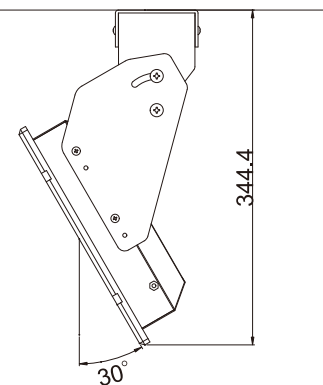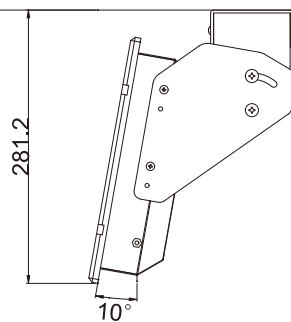
STAND ANGLE

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.

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

Certification and Approvals : CE,FCC,IEC60945,DNV2.4,IACS-E10

CE FC RoHS COMPLIANT 2011/65/EU