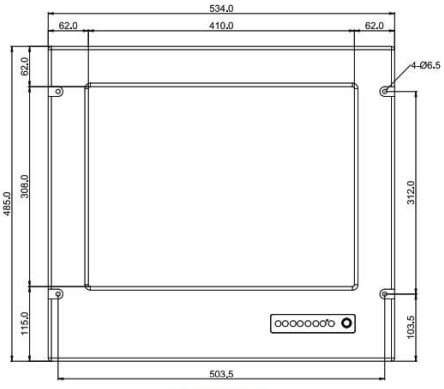
20.1” Marine Bridge System Display

Model: WPM-MAR-2000A2

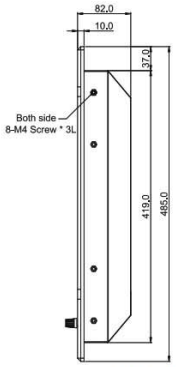
Features

Hyper Dimming	: Dimming knob control backlight brightness 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	: 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

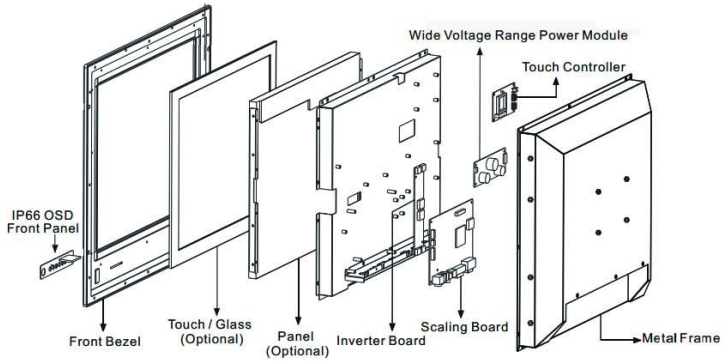
Mechanical Design Drawing



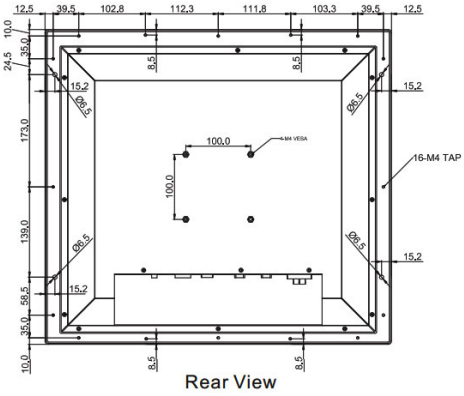
Front View



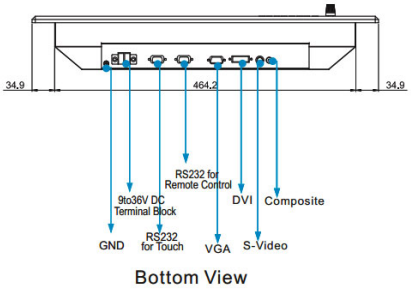
Side View



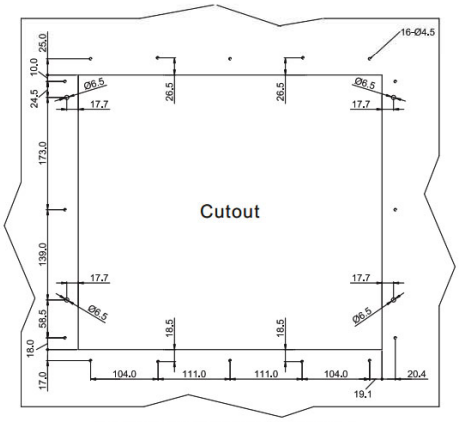
Modularized Construction



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.

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

TFT Characteristics

Pixel Number	:	1600 x 1200
Pixel Pitch(R&B)	:	0.255 (H) x 0.255(V) mm
Contrast Ratio	:	700:1(typ.)
Light Intensity	:	300 cd/m (typ.)
Viewable Angle	:	-89~89(H);-89~89(V)
Active Display Area	:	408.0 (H) x 306.0(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)

Power Specification

Power Supply Options	:9 to 36V DC power supply with Terminal block (Default), 90 to 265V AC power supply
Power Consumption	: 70 W typical, normal operation

Mehcanical 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	: SAW, 5 Wire Resistive
AR Safety Glass Option	: 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.)

20.1”Marine Bridge System Display

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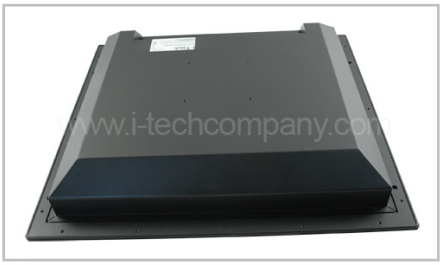

20.1”Marine Bridge System Display

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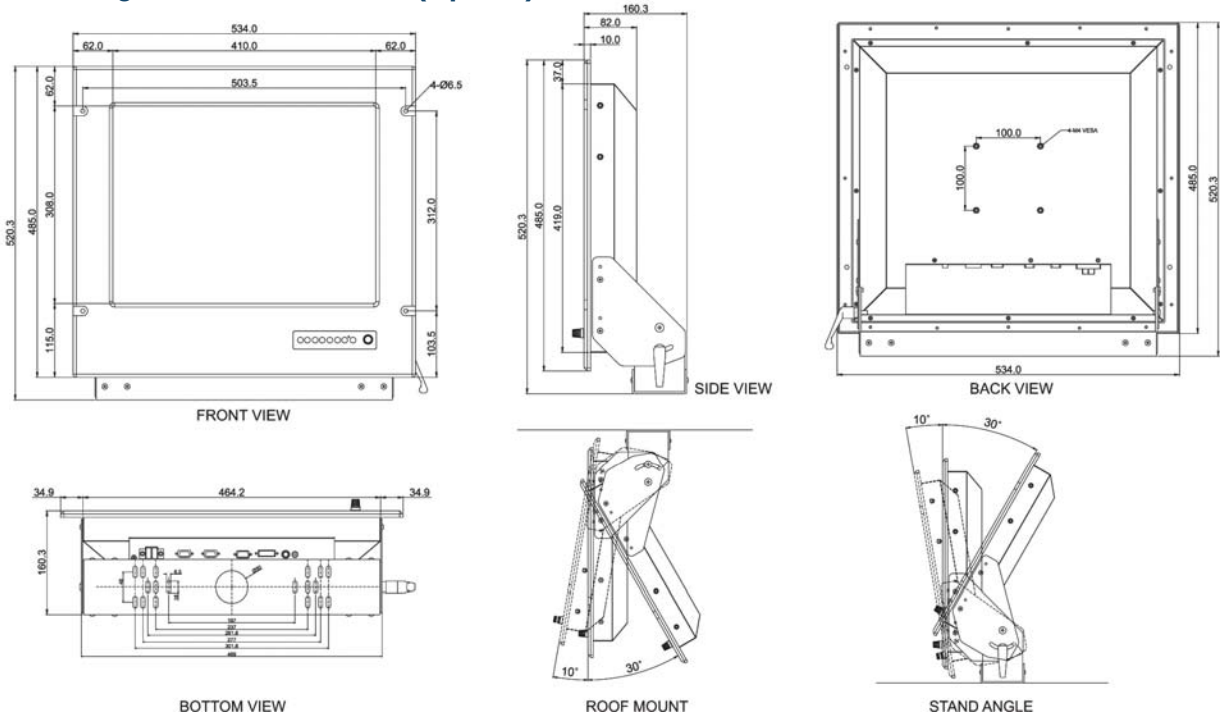
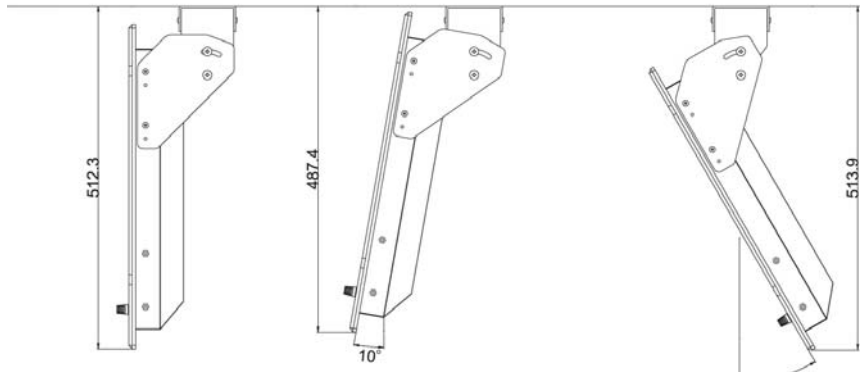
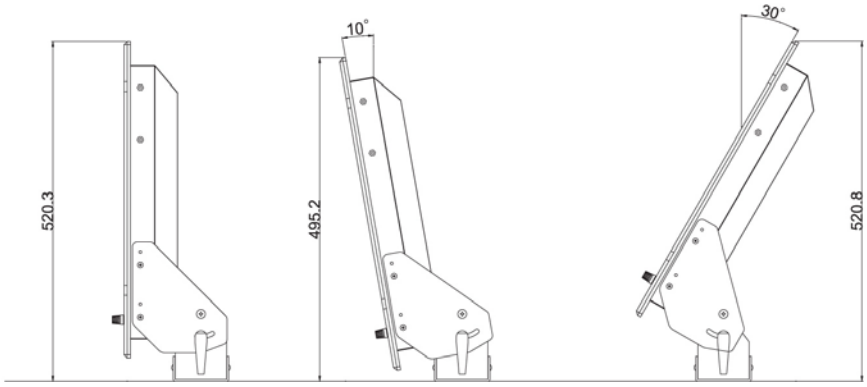
Mechanical Design with Robust Bracket (Options)



Roof Mount



Stand Angle



All Dimensions are ±0.5 mm

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CE FC RoHS COMPLIANT 2002/95/EC

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

i-TECH COMPANY

pprovals : CE, FCC

i-Tech Company LLC

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