

24" Flat P-CAP Marine Display

Model: WPM-MAR-W2400A1F

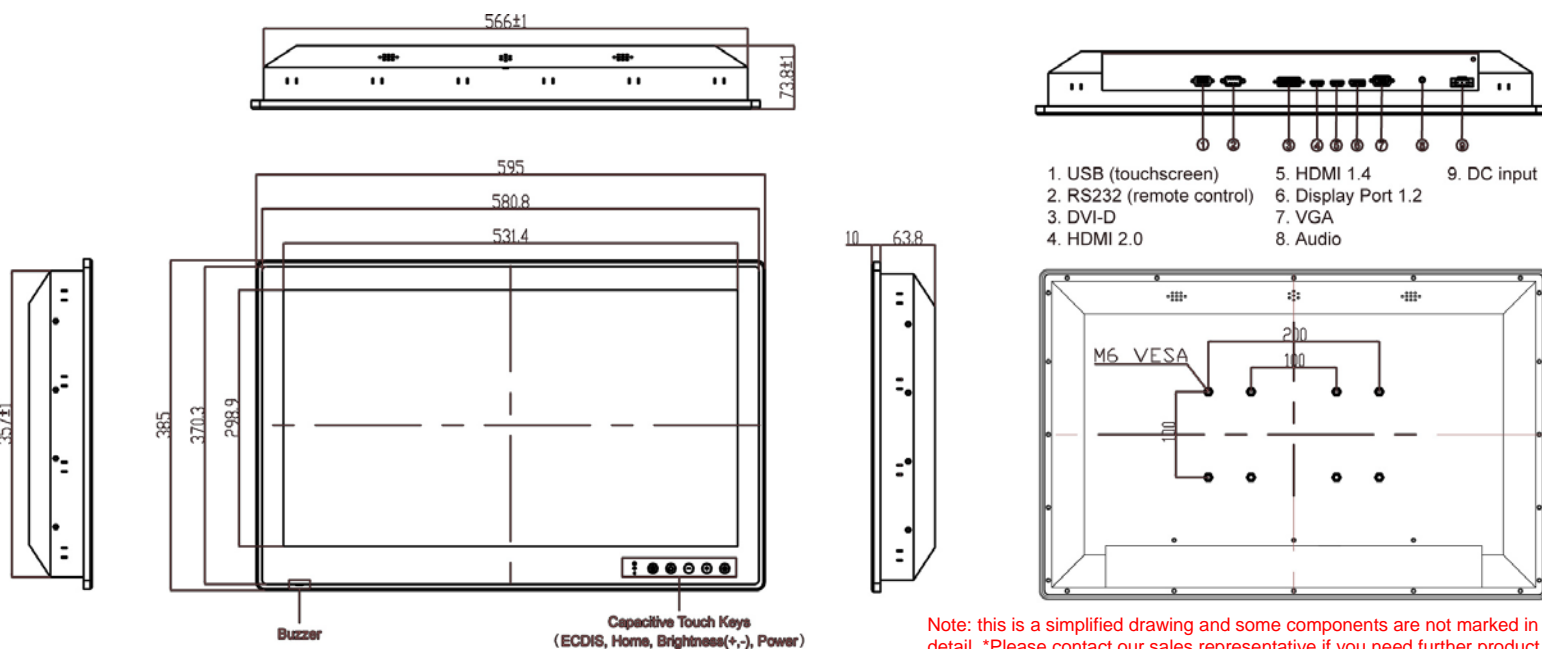


Rugged 24" Marine Panel Mount LCD Display IP65 1920 x 1080, 250nits, 0-100% Dimming, wide Temp -10 to 55C and 24V DC, RS232 Control, VGA+DVI-D. Anti-vibration 0.7g@DNV2.4 (Class A), Anti-Shock 15G, 11ms duration. Capacitive touch keys for quick function access and display control. (Support ECDIS DAY, DUSK, and NIGHT mode switching), Compliant with marine standards (DNV2.4, IEC 60945 4th, IACS-E10)

Features

- 24" 1920 x 1080 resolution with projective capacitive multi-touch screen
- Edge-to-edge narrow bezel design and fanless cooling system
- Color calibrated for ECDIS compliance
- Capacitive touch keys for quick function access and display control (Support ECDIS DAY, DUSK, and NIGHT mode switching)
- Compliant with marine standards (DNV2.4, IEC 60945 4th, IACS-E10)

Mechanical Design Drawing



Display Specifications

Resolution	: 1920 x 1080
Pixel Pitch	: 0.276 (H) x 0.276 (V) mm
Contrast Ratio	: 5000 :1 (typ.)
Brightness	: 350 cd/m (typ.)
Viewable Angle	: 89°/89°/89°/89° (typ.) (Up/Down/Left/Right)
Active Display Area	: 531.6 (H) x 298.89 (V) mm
Max Colors	: 16.7 M colors, 8 bits/color
Touch Screen	: Projective Capacitive Multi-touch (Optional AR Protection Glass)
Buzzer	: 75 dB~80 dB, 2300 Hz, 1m

Input / Output Connectors

DVI Input	: DVI-D 24pin (female)
HDMI Input	: 1 x HDMI 1.4, 1 x HDMI 2.0
Display Port Input	: Display Port 1.2
VGA Input	: D-SUB 15pin (female)
Remote Control VIA RS232	: D-SUB 9pin (female)
Touch	: USB type A (female)
Audio	: Audio in
DC Input	: Terminal block 3pin (phoenix type)

Power Specification

Power Input	: 24V DC-in with Isolation (9~36V acceptable)
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User Controls

OSD control via programmable capacitive touch keys (ECDIS, Home, Brightness(+,-), Power)
Remote control via RS232 serial interface

Mechanical

Dimension	: 595mm x 385mm x 63.8mm
Panel Mount Cutout	: 572mm x 363mm
Housing	: Anodized Aluminum Bezel
IP Rating	: IP66 (Front Side)

Environmental

Operating Temperature	: -15 to 55 deg.C
Operating Humidity	: 5% to 95% (non condensing)
Anti Vibration	: 0.7g@DNV2.4 (Class A)
Anti Shock	: 15G, 11ms duration

Certification

DNV 2.4, IEC60945 4th, CE, FCC