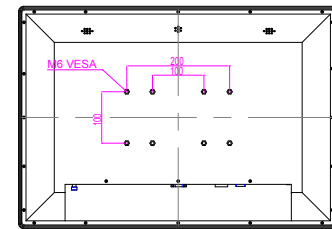
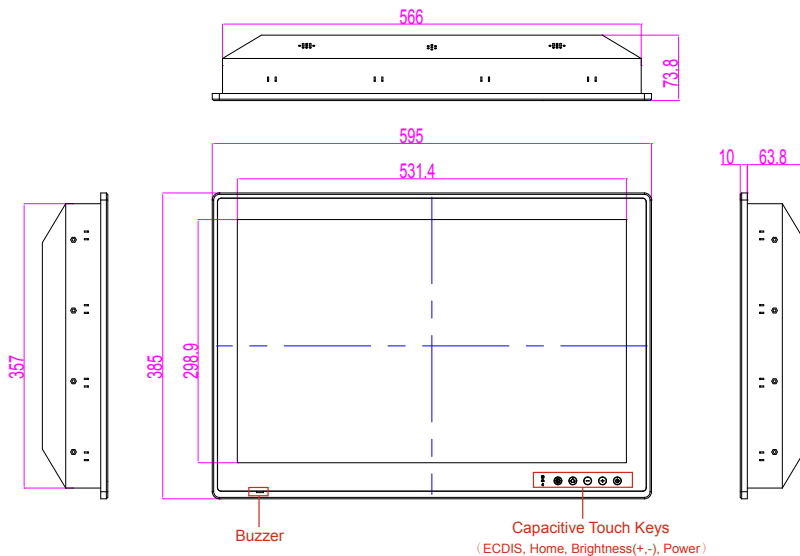
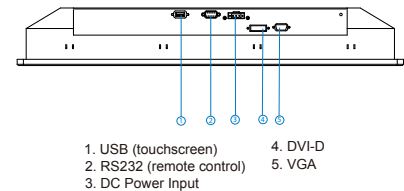


# 24" Flat P-CAP Marine Display

Model#: W24L100-MRA1FP

## 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)



\* 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.

### 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 <sup>2</sup> (typ.)                                     |
| Viewable Angle      | : 89°/89°/89°/89° (typ.) (Up/Down/Left/Right)                      |
| Active Display Area | : 531.36 (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

|                          |                                      |
|--------------------------|--------------------------------------|
| RGB Signal IN            | : D-SUB 15pin connector (female)     |
| DVI-D Signal IN          | : DVI-D 24pin connector (female)     |
| DC Power IN              | : 3pin Terminal block (Phoenix type) |
| Remote control via RS232 | : D-SUB 9pin connector (female)      |
| Touch Signal OUT         | : USB type A connector (female)      |

### Power Specifications :

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

### User Controls :

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

### Mechanical

|                     |                           |
|---------------------|---------------------------|
| Mechanical Mounting | : Panel Mount, VESA Mount |
| 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

## 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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