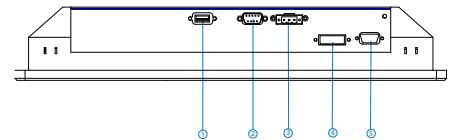


19" Flat P-CAP Marine Display

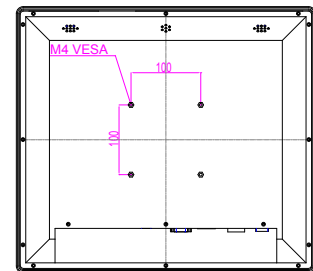
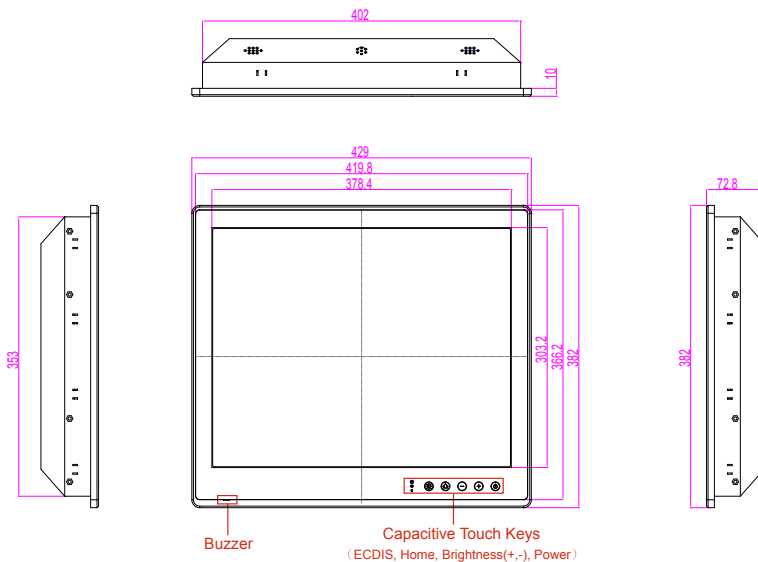
Model#: R19L300-MRA1FP

Features :

- 19" 1280 x 1024 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)



1. USB (touchscreen)
2. RS232 (remote control)
3. DC Power Input
4. DVI-D
5. VGA



* 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	: 1280 x 1024
Pixel Pitch	: 0.294 (H) x 0.294 (V) mm
Contrast Ratio	: 1000:1(typ.)
Brightness	: 350 cd/m ² (typ.)
Viewable Angle	: 85°/85°/80°/80° (typ.) (Up/Down/Left/Right)
Active Display Area	: 376.32 (H) x 301.06 (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)
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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	: 429mm x 382mm x 72.8mm
Panel Mount Cutout	: 408mm x 359mm
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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