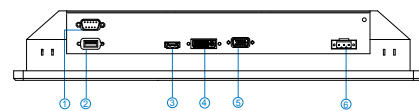
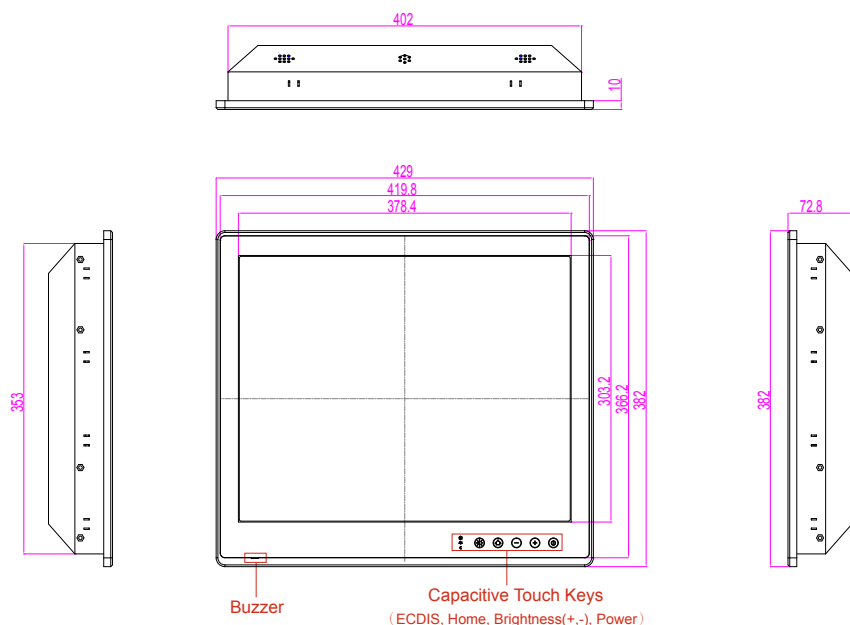


# 19" Flat P-CAP Marine Display

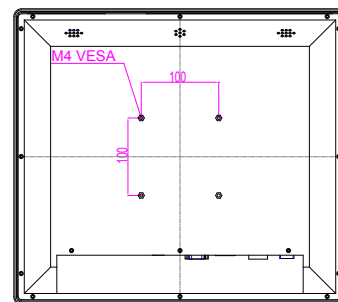
## Model#: R19L300-MRA1FP

### 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 (Optional)
- Capacitive touch keys for quick function access and display control (Support ECDIS DAY, DUSK, and NIGHT mode switching)
- Meet the requirements of Industrial marine standards, including IEC60945 4<sup>th</sup> Edition, DNVGL-CG-0339, IACS E10



1. RS232 (remote control)
2. USB (touchscreen)
3. HDMI 1.4
4. DVI-D
5. VGA
6. DC Input



\* 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 <sup>2</sup> (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

DVI input	: DVI-D 24pin (female)
HDMI input	: 1 x HDMI 1.4
VGA input	: D-SUB 15pin (female)
Remote control via RS232	: D-SUB 9pin (female)
Touch	: USB type A (female)
DC input	: Terminal block 3pin (phoenix type)

### Power Specifications :

Power Input	: *24V DC-in with Isolation (9~36V acceptable)
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\*Only 24V DC have approval by DNVGL certificate

### 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@DNVGL CG-0339 (Class A)
Anti-Shock	: 15G,11ms duration

### Certification

DNVGL-CG-0339, IEC60945 4th, IACS E10, CE, FCC



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Business Hours: Monday - Friday 8.30am - 6.15pm

Note: All Specifications are subject to change without prior notice!

sed date: 27-Dec-2017 V1.7