

# R19L300-MRA1FP

## 19" ECDIS Marine Display



### KEY FEATURES

- 19" 1280 x 1024 resolution with projective capacitive multi-touch screen, ECDIS Marine Display
- 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 4th Edition, DNVGL-CG-0339, IACS E10



### SPECIFICATIONS

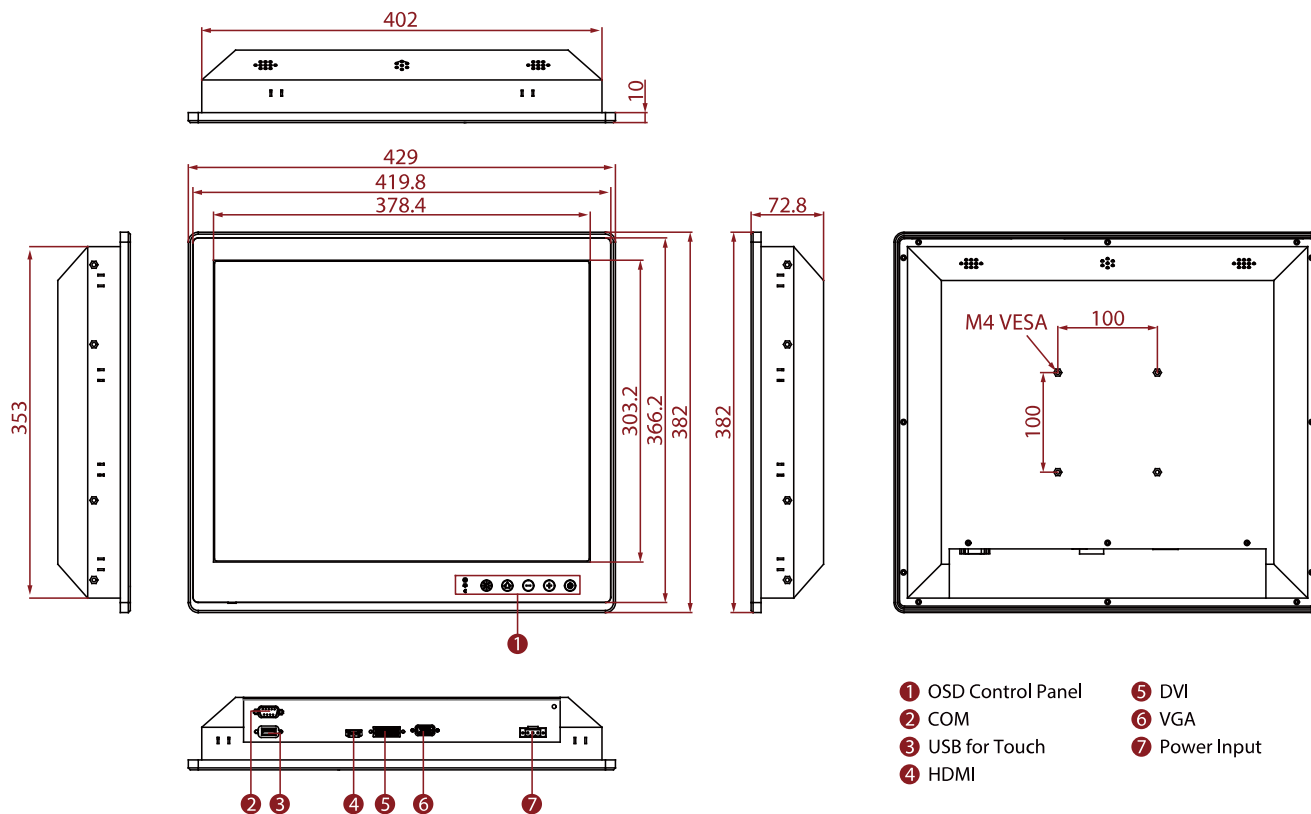
| Display                   |   |                              |  |
|---------------------------|---|------------------------------|--|
| <b>Resolution</b>         | 1280x1024   | <b>Size</b>                  | 19.0 inches  |
| <b>Contrast Ratio</b>     | 1000:1  | <b>Panel Brightness</b>      | 400.0 nits   |
| <b>Display Color</b>      | 16.7M Colors  | <b>View Angles</b>           | 85,85,80,80  |
| <b>Active Area</b>        | 376.32x301.06 mm  | <b>Touch / Glass</b>         | Projected Capacitive Multi Touch Screen (AR Film)<br>AG film (Optional)<br>AR Glass (Optional) |
| Environment               |   |                              |  |
| <b>Operating Humidity</b> | 5% to 95%   | <b>Operating Temperature</b> | -15~55°C   |
| <b>Shock</b>              | 15G, 11ms duration  | <b>Vibration</b>             | 0.7g@DNVGL CG-0339 (Class A)   |
| <b>IP rating</b>          | IP66 (Front Side)   |                              |  |
| Certification             |   |                              |  |
| <b>Certification</b>      | CE, FCC<br>DNVGL-CG-0339, IEC60945 4th, IACS E10                                |                              |  |
| IO Ports                  |   |                              |  |
| <b>USB Port</b>           | 1 x USB Type A  | <b>Serial Port</b>           | 1 x RS232 for remote control   |
| <b>Video</b>              | 1 x VGA<br>1 x DVI-D<br>1 x HDMI 1.4  | <b>Front Control</b>         | Power<br>Brightness+<br>Brightness-<br>OSD/ Enter<br>ECDIS Key/ ESC                            |
| <b>Indicator</b>          | Day Mode<br>Dusk Mode<br>Night Mode   |                              |  |
| Mechanical                |   |                              |  |
| <b>Dimension</b>          | 429 x 382 x 72.8 mm   | <b>Weight</b>                | 9.8 kg   |
| <b>Mounting</b>           | VESA Mount/ Panel Mount   | <b>Enclosure</b>             | Anodized Aluminum Bezel  |
| <b>Cooling System</b>     | Fanless Design  | <b>Cut out</b>               | 408 x 359 mm   |
| Power                     |   |                              |  |
| <b>Power Rating</b>       | 24V DC-in with Isolation (Approval by Certificate)<br>9~36V DC Input Acceptable | <b>Consumption</b>           | 45W (Typical)  |
| Accessory                 |   |                              |  |

**Accessory**

User Manual  
Quick Start Guide (Hardcopy)

- 3 Pin Terminal Block
- 1 x VGA cable
- 1 x DVI cable
- 1 x HDMI cable
- 1 x RS232 cable
- 1 x USB cable

**DIMENSIONS** UNIT:MM



- 1 OSD Control Panel
- 2 COM
- 3 USB for Touch
- 4 HDMI
- 5 DVI
- 6 VGA
- 7 Power Input