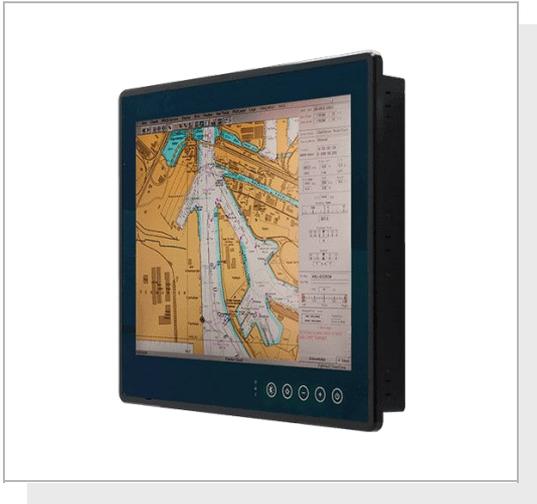# R15L600-MRA3FP

## 15" ECDIS Marine Display



## KEY FEATURES

- 15" 1024 x 768 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 DAY, DUSK, and NIGHT mode switching)
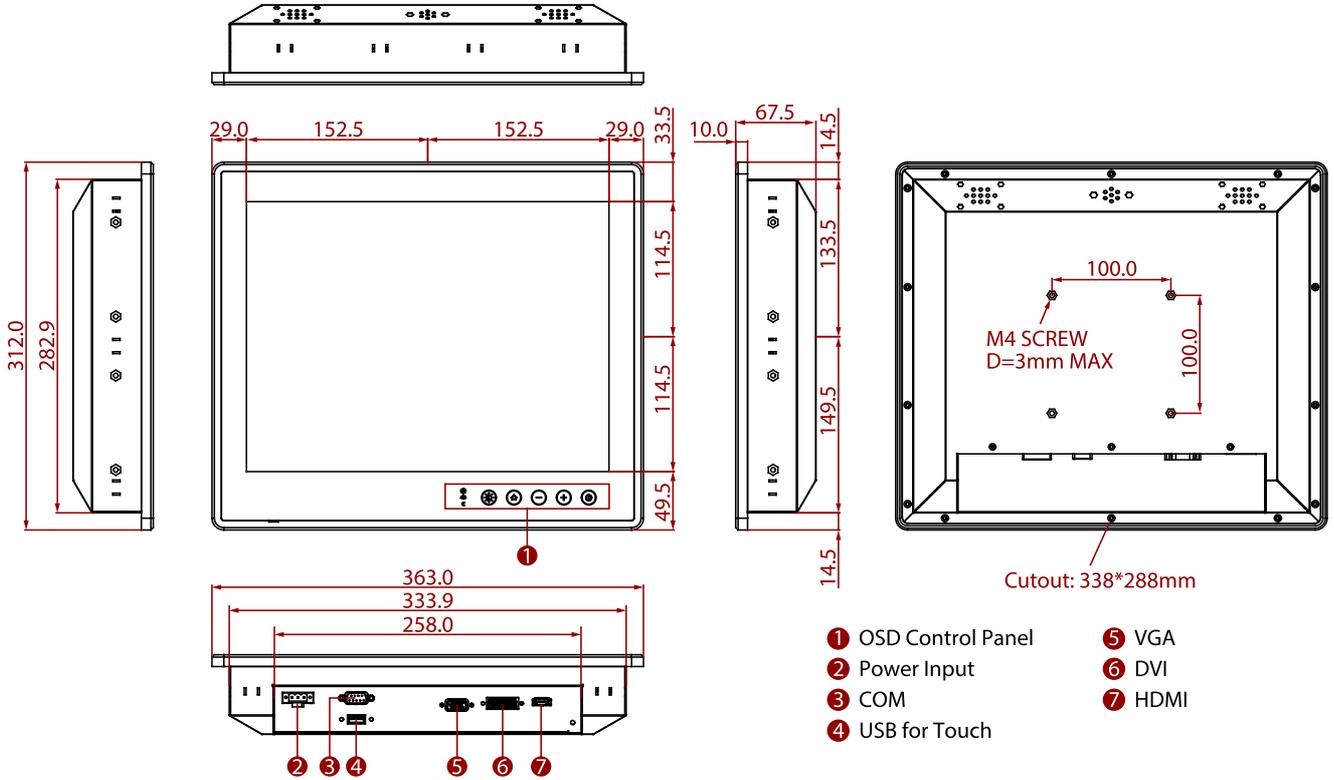- Meet the requirements of industrial marine standards, including IEC60945 4th Edition,DNVGL-CG-0339, IACS E10



## SPECIFICATIONS

### Display

| | | | |
|---|---|---|---|
| **Resolution** | 1024x768 | **Size** | 15.0 inches |
| **Contrast Ratio** | 2500:1 | **Panel Brightness** | 500 nits |
| **Display Color** | 16.7M Colors | **View Angles** | 88,88,88,88 |
| **Optional Function** | Option: AR Glass | **Touch / Glass** | Projected Capacitive Multi Touch Screen Protection Glass (Optional) |

### Environment

| | | | |
|---|---|---|---|
| **Operating Humidity** | 5% to 95% | **Operating Temperature** | -15~55°C |
| **Shock** | 15G,11ms duration | **Vibration** | 0.7g@DNVGL CG-0339 (Class A) |
| **IP rating** | IP66 (Front Side) | | |

### Certification

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

### IO Ports

| | | | |
|---|---|---|---|
| **USB Port** | 1 x USB Type A | **Serial Port** | 1 x RS232 for remote control |
| **Video** | 1 x VGA<br>1 x DVI-D<br>1 x HDMI 1.4 | **Front Control** | Power<br>Brightness+<br>Brightness-<br>OSD/ Enter<br>ECDIS Key/ ESC |
| **Indicator** | Day Mode<br>Dusk Mode<br>Night Mode | | |

### Mechanical

| | | | |
|---|---|---|---|
| **Dimension** | 363 x 282.91 x 67.5 mm | **Mounting** | VESA Mount/ Panel Mount |
| **Enclosure** | Anodized Aluminum Bezel | **Cooling System** | Fanless Design |

### Power

| | |
|---|---|
| **Power Rating** | 24V DC-in with Isolation (Approval by Certificate)<br>9~36V DC Input Accpetable |

### Accessory

| | | | |
|---|---|---|---|
| **Accessory** | User Manual<br>Quick Start Guide (Hardcopy)<br>M4 x 12 Black Screw Bolts | **Optional Accessory** | 1 x USB cable |

AC to DC Adapter
Power Cord
3 Pin Terminal Block
1 x VGA cable
1 x DVI cable
1 x HDMI cable
1 x RS232 cable

## DIMENSIONS  UNIT:MM

### Winmate R15L600-MRA3FP



❶ OSD Control Panel      ❺ VGA
❷ Power Input      ❻ DVI
❸ COM      ❼ HDMI
❹ USB for Touch

M4 SCREW D=3mm MAX

Cutout: 338*288mm

## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Only 24 V DC has been approved by the DNVGL certification.
3. Please contact our sales representative if you need further product information.
4. All specifications are subject to change without prior notice.
5. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.