# R12L600-MRM2

## 12.1" Marine Display



## KEY FEATURES

- 12.1" 1024 x 768 resolution
- Resistive touch screen (Optional protection glass w/o touch function)
- IP66 aluminum housing with powder coating design (IP54 rear)
- 9 to 36 V DC power supply with terminal block (Default)
- Picture-in-picture (PIP) function and multi-video inputs
- Ease-of-use front panel OSD control
- Enhanced shock and vibration resistance
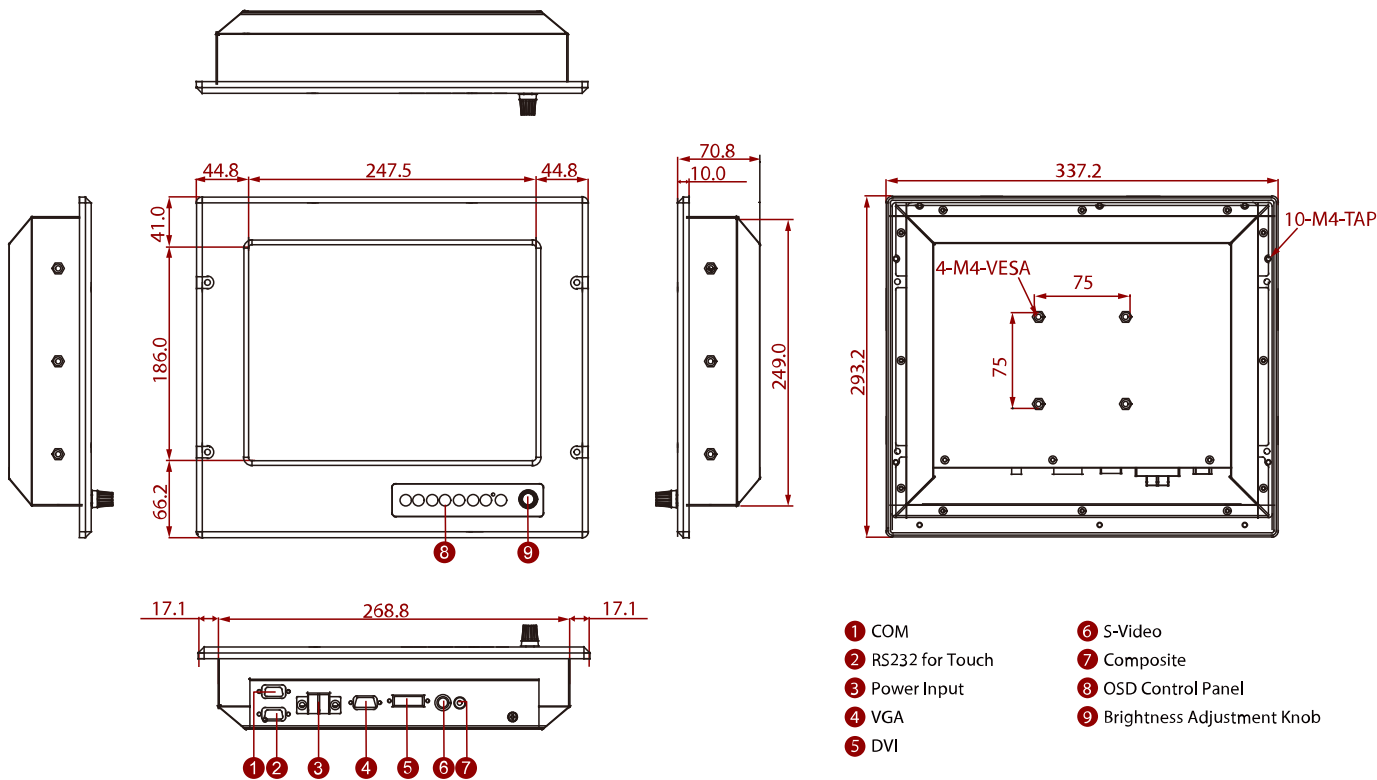- Dimming knob to control backlight brightness from nearly 0% to 100%

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## SPECIFICATIONS

### Display

| | | | |
|---|---|---|---|
| **Resolution** | 1024x768 | **Size** | 12.1 inches |
| **Contrast Ratio** | 1000:1 | **Panel Brightness** | 500.0 nits |
| **Display Color** | 16.2M Colors | **View Angles** | 89,89,89,89 |
| **Active Area** | 245.76x184.32 mm | **Touch / Glass** | Resistive Touch Screen<br>AR 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** | CE, FCC |

### IO Ports

| | | | |
|---|---|---|---|
| **Serial Port** | 1 x RS232 for Remote Control<br>1 x RS232/USB for Touch Screen | **Video** | 1 x VGA<br>1 x DVI-D<br>1 x Composite<br>1 x S-Video |

### Mechanical

| | | | |
|---|---|---|---|
| **Dimension** | 337 x 293.2 x 70.8 mm | **Weight** | 4kg |
| **Mounting** | VESA Mount/ Panel Mount | **Enclosure** | Metal Housing with Aluminum Bezel |
| **Cooling System** | Fanless Design | **Cut out** | 307 x 253mm |

### Power

| | | | |
|---|---|---|---|
| **Power Rating** | 9~36V DC Input Acceptable | **Consumption** | 35W (Typical) |

### Accessory

| | |
|---|---|
| **Accessory** | 1 x User Manual.<br>1 x CD for Touchscreen Driver Tools.<br>1 x DVI Cable.<br>1 x VGA Cable.<br>1 x RS232 Serial Cable.<br>1 x S-Video Cable.<br>1 x Composite Cable. |

| Control | |
|---|---|
| **Button** | 8 key:<br>Esc/PIP<br>Auto adjustment<br>Left<br>Right/Source<br>OK/Menu<br>Up<br>Down<br>Power<br>1 x The Dimming Knob |

## DIMENSIONS   UNIT:MM



❶ COM
❷ RS232 for Touch
❸ Power Input
❹ VGA
❺ DVI
❻ S-Video
❼ Composite
❽ OSD Control Panel
❾ Brightness Adjustment Knob

## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. 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.