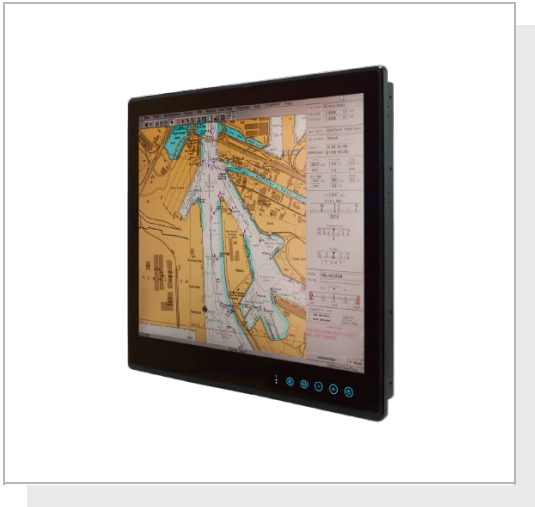


# R19L300-MRA1FP

## 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



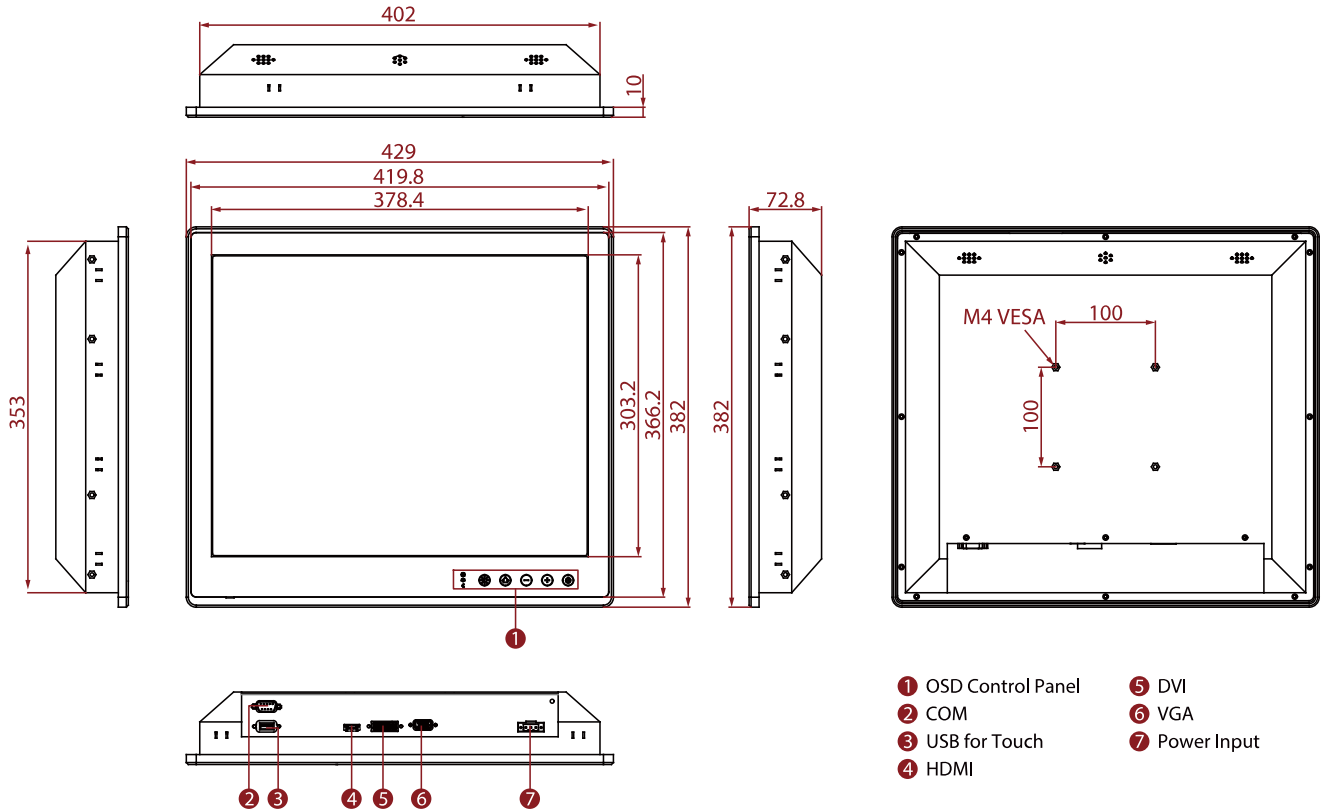
### SPECIFICATIONS

Display	
<b>Resolution</b>	1280x1024
<b>Contrast Ratio</b>	1000:1
<b>Display Color</b>	16.7M Colors
<b>Active Area</b>	376.32x301.06 mm
<b>Size</b>	19 inches
<b>Panel Brightness</b>	400 nits
<b>View Angles</b>	85,85,80,80
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen AR Glass (Optional)
Environment	
<b>Operating Humidity</b>	5% to 95%
<b>Shock</b>	15G,11ms duration
<b>IP rating</b>	IP66 (Front Side)
<b>Operating Temperature</b>	-15~55°C
<b>Vibration</b>	0.7g@DNVGL CG-0339 (Class A)
Certification	
<b>Certification</b>	DNVGL-CG-0339, IEC60945 4th, IACS E10, CE, FCC
IO Ports	
<b>USB Port</b>	1 x USB Type A
<b>Video</b>	1 x VGA 1 x DVI-D 1 x HDMI 1.4
<b>Serial Port</b>	1 x RS232 for remote control
<b>Indicator</b>	Day Mode Dusk Mode Night Mode
<b>Front Control</b>	Power Brightness+ Brightness- OSD/ Enter ECDIS Key/ ESC
Mechanical	
<b>Dimension</b>	429 x 382 x 72.8 mm
<b>Enclosure</b>	Anodized Aluminum Bezel
<b>Cut out</b>	408 x 359 mm
<b>Mounting</b>	VESA Mount/ Panel Mount
<b>Power</b>	
<b>Power Rating</b>	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable
<b>Cooling System</b>	Fanless Design
Accessory	
<b>Accessory</b>	User Manual
<b>Optional Accessory</b>	1 x USB cable

- Quick Start Guide (Hardcopy)
- M4 x 12 Black Screw Bolts
- 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 R19L300-MRA1FP



## 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.