

R15L600-MRA3FP

15" ECDIS Marine Display



KEY FEATURES

- 15" 1024 x 768 resolution ECDIS Marine Display with projective capacitive multi-touch screen ECDIS Marine Display
- Edge-to-edge narrow bezel design and fanless cooling system
- 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

INTRODUCTION

Winmate ECDIS Marine Display Series delivers advanced solutions tailored for maritime applications, available in sizes from 15" to 32". Designed with edge-to-edge narrow bezels and a fanless cooling system, these displays provide a sleek and reliable performance. Featuring capacitive touch keys and support for ECDIS-compliant DAY, DUSK, and NIGHT modes, they ensure optimal visibility in varying lighting conditions. Certified to meet IEC60945 4th Edition, DNVGL-CG-0339, and IACS E10 standards, the series offers rugged durability, optional color calibration, and multi-touch capabilities, making it ideal for navigation and marine control systems.

SPECIFICATIONS

Display

Resolution	1024x768	Size	15.0 inches
Contrast Ratio	2500:1	Panel Brightness	500.0 nits
Display Color	16.7M Colors	View Angles	88,88,88,88
Active Area	304.1x228.1 mm	Touch / Glass	Projected Capacitive Multi Touch Screen (AR Coating) (Default) AG film (Optional) AR Glass (Optional)

Environment

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

Certification

Certification	CE, FCC DNV-CG-0339, IEC60945 4th, IACS E10
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IO Ports

USB Port	1 x USB Type A	Serial Port	1 x RS232 for remote control
Video	1 x VGA 1 x DVI-D 1 x HDMI 1.4	Front Control	Power Brightness+ Brightness- OSD/ Enter ECDIS Key/ ESC
Indicator	Day Mode	Buzzer	75 dB~80 dB, 2300 Hz, 1m

Dusk Mode
Night Mode

Mechanical

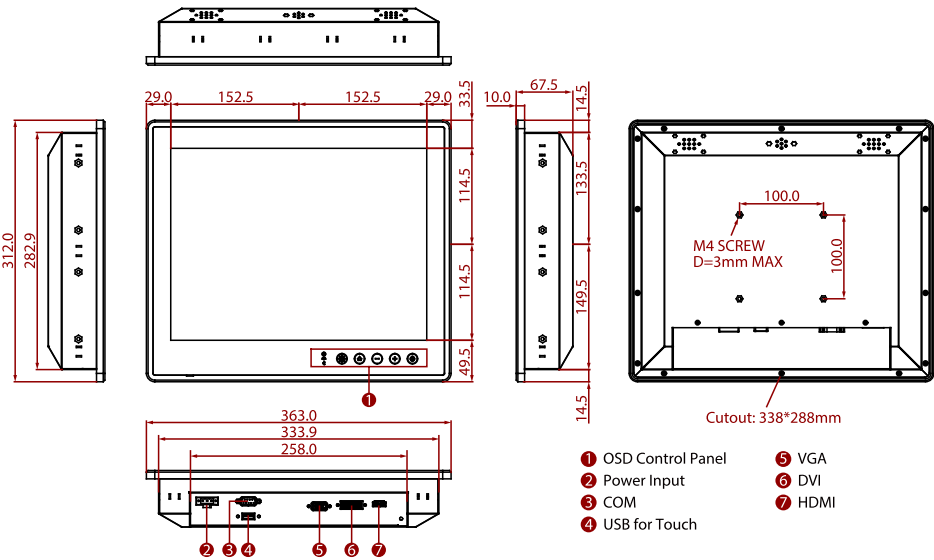
Dimension	363 x 312 x 67.5 mm	Weight	5 kg
Mounting	VESA mount/Panel mount	Enclosure	Anodized Aluminum Bezel
Cooling System	Fanless Design	Cut out	338 x 288mm

Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Acceptable	Consumption	35W (Typical)
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Accessory

Accessory	User Manual Mounting clips x 12 AC to 12V DC Adapter Power Cord 3 Pin Terminal Block Open Wire Cable 1 x VGA cable 1 x DVI cable 1 x HDMI cable 1 x RS232 cable 1 x USB cable
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DIMENSIONS UNIT:MM



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.