

# R15IH3S-MRA3FP

## 15" Intel® Core™ i5-5350U Flat PCAP ECDIS Marine Panel PC



### KEY FEATURES

- 15"1024 x 768 PCAP touchscreen
- 5th Gen. Intel® Core™ i5 -5350U @ 2.20GHz
- Edge-to-edge narrow bezel design and fanless cooling system
- 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



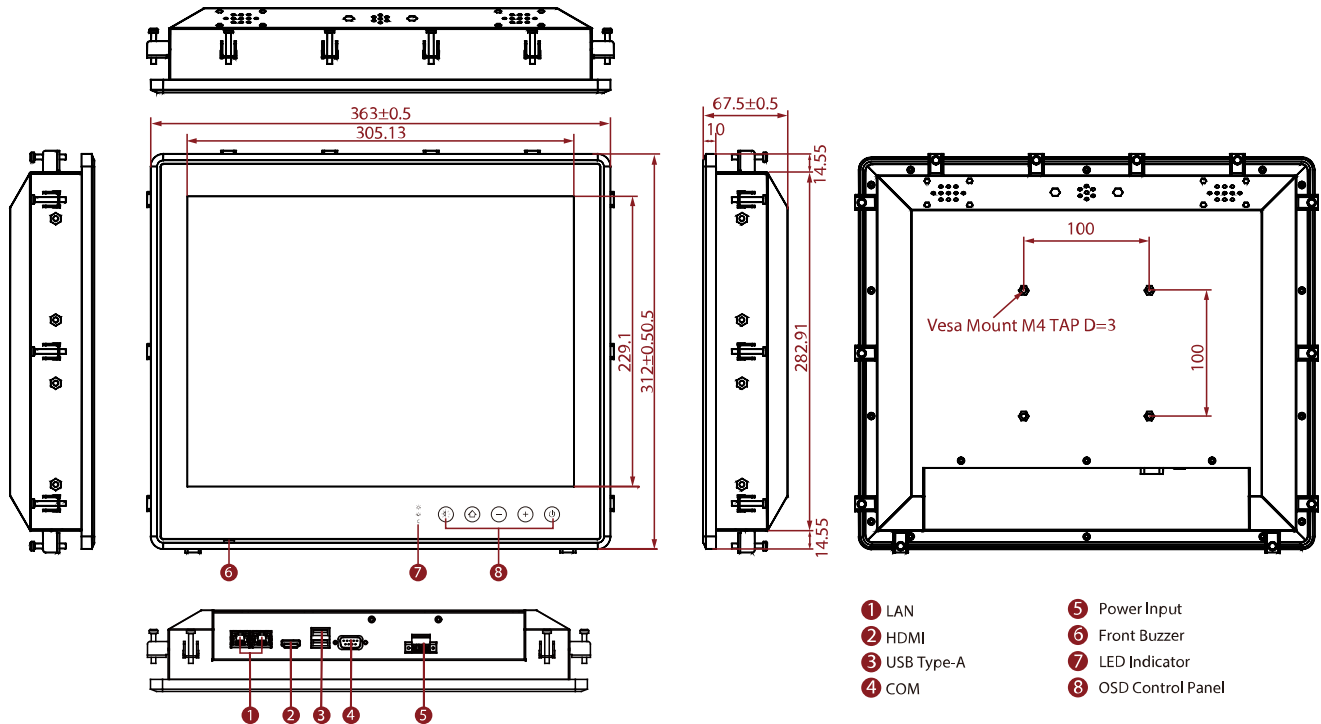
### SPECIFICATIONS

Display	
<b>Resolution</b>	1024x768
<b>Contrast Ratio</b>	2500:1
<b>View Angles</b>	88,88,88,88
<b>Optional Function</b>	Option: AR Glass
<b>Size</b>	15.0 inches
<b>Panel Brightness</b>	500 nits
<b>Active Area</b>	304.1x228.1 mm
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen Protection Glass (Optional)
System Specification	
<b>Processor</b>	Intel® Core™ i5-5350U Processor 1.8GHz (3M Cache, up to 2.90 GHz)
<b>Storage</b>	1 x mSATA SSD 64GB mSATA SSD up to 512GB (Optional)
<b>Operating System</b>	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
<b>Memory</b>	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
<b>Ethernet controller</b>	Intel® Ethernet Controller I211-AT+ Intel® Ethernet Connection I218-LM
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>	2 x USB3.0 1 x USB2.0
<b>Video</b>	1 x HDMI (Optional)
<b>Serial Port</b>	1 x RS232/422/485
<b>Front Control</b>	Power Brightness + Brightness - Menu Function Key(Default setting: ECDIS Mode)
<b>LAN</b>	2 x RJ45
<b>Indicator</b>	Day Mode Dusk Mode Night Mode
<b>DIDO</b>	8 Channel Isolated Digital Input/Output (Optional)
<b>NMEA</b>	4 x NMEA 0183 Port (Optional)
Mechanical	
<b>Dimension</b>	363 x 312 x 6.5 mm
<b>Mounting</b>	VESA Mount/ Panel Mount

<b>Enclosure</b>	Anodized Aluminum Bezel	<b>Cooling System</b>	Fanless Design
<b>Accessory</b>			
<b>Accessory</b>	Driver CD & User Manual AC to DC Adapter Power Cord 3 pin Terminal Block to DC Jack M4 x 12 Black Screw Bolts	<b>Optional Accessory</b>	Four 5 Pin Terminal Block 3.81 (Phoenix Type)*For NMEA port (Optional)
<b>Power</b>			
<b>Power Rating</b>	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Accpetable		

## DIMENSIONS UNIT:MM

### Winmate R15IH3S-MRA3FP



## NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Only 24 V DC has been approved by 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.