

# R15IH3S-MRA3FP

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



### KEY FEATURES

- 15"1024 x 768 PCAP touchscreen, Flat PCAP ECDIS Marine Panel PC
- 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



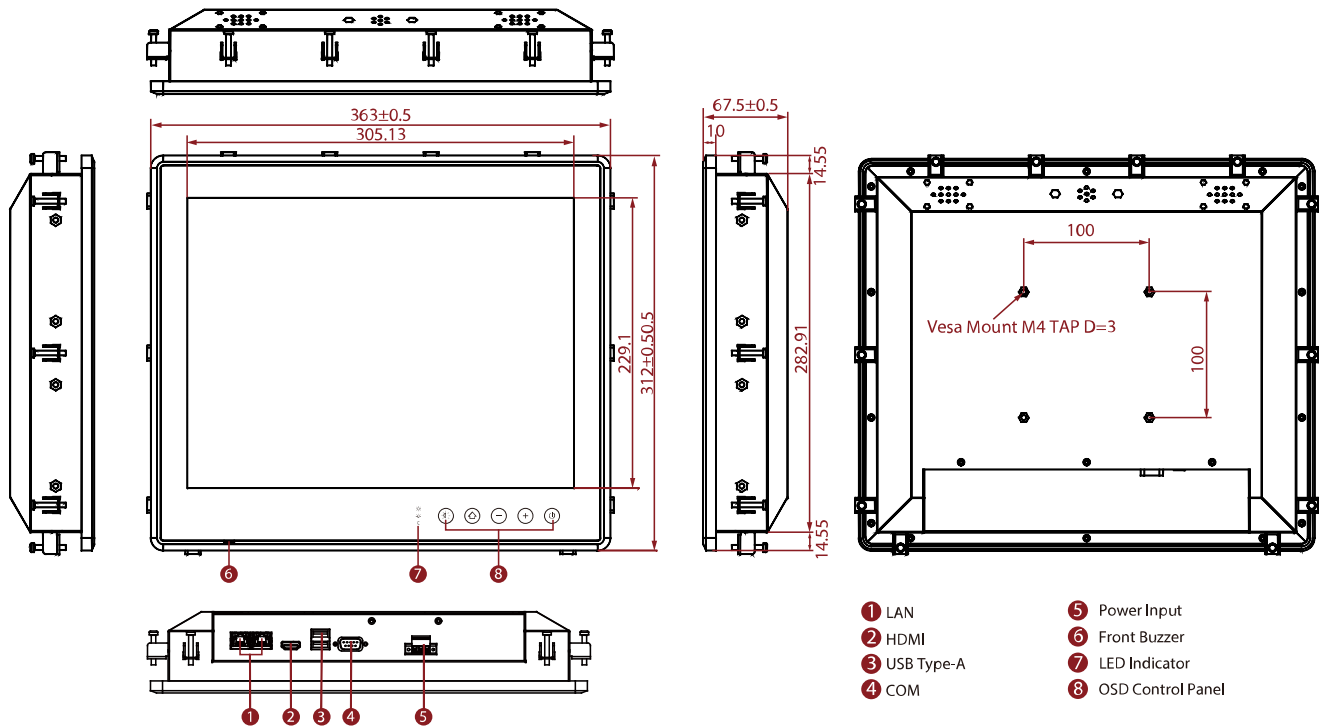
### SPECIFICATIONS

Display	
<b>Resolution</b>	1024x768
<b>Contrast Ratio</b>	2500:1
<b>View Angles</b>	88,88,88,88
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen (AR Film) AG film (Optional) AR Glass (Optional)
<b>Size</b>	15 inches
<b>Panel Brightness</b>	500 nits
<b>Active Area</b>	304.1x228.1 mm
System Specification	
<b>Processor</b>	Intel Core i5-5350U Processor 1.8GHz (up to 2.9GHz) Intel Core i5-5250U Processor 1.6GHz (up to 2.7GHz) (Optional) Intel Core i5-5300U Processor 2.3GHz (up to 2.9GHz) (Optional) Intel Core i5-5200U Processor 2.2GHz (up to 2.7GHz) (Optional)
<b>Memory</b>	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
<b>Storage</b>	1 x mSATA SSD 128GB mSATA SSD up to 512GB (Optional)
<b>Ethernet controller</b>	Intel® Ethernet Controller I211-AT+ Intel® Ethernet Connection I218-LM
<b>Operating System</b>	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 20.04 (Optional)
Environment	
<b>Operating Humidity</b>	5% to 95%
<b>Operating Temperature</b>	-15~55°C
<b>Shock</b>	15G, 11ms duration
<b>Vibration</b>	0.7g@DNVGL CG-0339 (Class A)
<b>IP rating</b>	IP66 (Front Side)
Certification	
<b>Certification</b>	CE, FCC DNVGL-CG-0339, IEC60945 4th, IACS E10
IO Ports	
<b>USB Port</b>	2 x USB3.0
<b>Serial Port</b>	1 x RS232(Default)/422/485
<b>Video</b>	1 x HDMI (Optional)
<b>LAN</b>	2 x RJ45
<b>Front Control</b>	Power Brightness + Brightness - Menu
<b>Indicator</b>	Day Mode Dusk Mode Night Mode

Function Key(Default setting: ECDIS Mode)

<b>DIDO</b>	8 Channel Isolated Digital Input/Output (Optional)	<b>NMEA</b>	4 x NMEA 0183 Port (Optional)
<b>Mechanical</b>			
<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>Cut out</b>	338 x 288mm		
<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 Acceptable	<b>Consumption</b>	55W (Typical)

**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 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.