R15IH3S-MRA3FP
15" Flat PCAP ECDIS Marine Panel PC

KEY FEATURES

- 15"1024 x 768 PCAP touchscreen
- 5th Gen. Intel® Core™ i5-5250U Broadwell, 1.60 GHz
- Capacitive touch keys for quick function access and display control (Support ECDIS DAY, DUSK, and NIGHT mode switching)
- Edge-to-edge narrow bezel design and fanless cooling system
- Meet the requirements of Industrial marine standards, including IEC60945 4th Edition, DNVGL-CG-0339, IACS E10
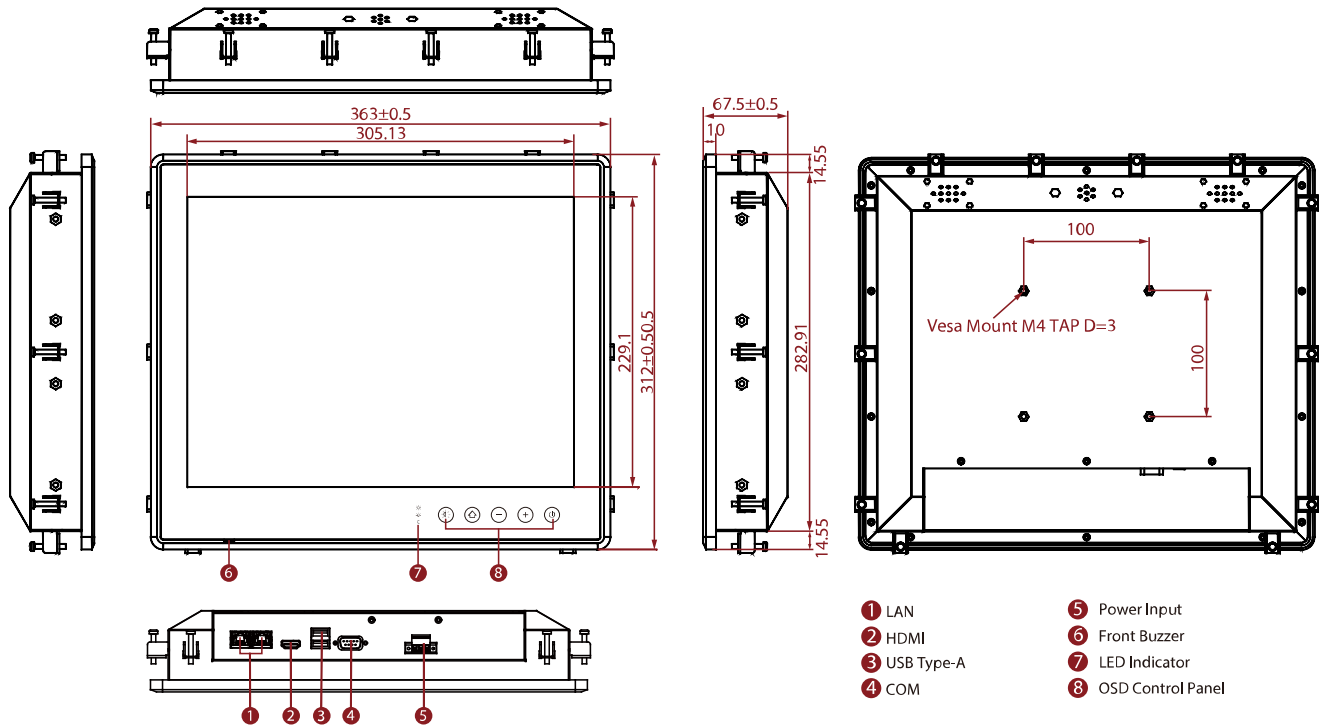
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SPECIFICATIONS

System Specification

Processor	Intel® Core™ i5-5250U Processor (3M Cache, up to 2.70 GHz)	**Memory**	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB(Optional)
Storage	1 x mSATA SSD 64GB mSATA SSD up to 512GB(Optional)	**Ethernet controller**	Intel® Ethernet Controller I211-AT+ Intel® Ethernet Connection I218-LM
Operating System	Windows 7 Embedded Systems(Optional) Windows 10 IoT Enterprise(Optional) Linux Ubuntu 18.04(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	DNVGL-CG-0339, IEC60945 4th, IACS E10, CE, FCC

IO Ports

USB Port	2 x USB3.0 1 x USB2.0	**Serial Port**	1 x RS232/422/485
Video	1 x HDMI(Optional)	**LAN**	2 x RJ45
Front Control	Power Brightness + Brightness - Menu Function Key(Default setting: ECDIS Mode)	**Indicator**	Day Mode Dusk Mode Night Mode
DIDO	8 Channel Isolated Digital Input/Output(Optional)	**NMEA**	4 x NMEA 0183 Port(Optional)

Mechanical

Dimension	429 x 353 x 72.8 mm	**Mounting**	VESA Mount/ Panel Mount
Enclosure	Metal Housing with Aluminum Bezel	**Cooling System**	Fanless Design

Accessory

Accessory	Driver CD & User Manual AC to DC Adapter Power Cord 3 pin Terminal Block to DC Jack M4 x 12 Black Screw Bolts	**Optional Accessory**	Four 5 Pin Terminal Block 3.81 (Phoenix Type)*For NMEA port(Optional)

Power

Power Rating	24V DC-in with Isolation (Approval by Certificate) 9~36V DC Input Accpetable

DIMENSIONS UNIT:MM

1 LAN   **5** Power Input
2 HDMI   **6** Front Buzzer
3 USB Type-A   **7** LED Indicator
4 COM   **8** OSD Control Panel

Vesa Mount M4 TAP D=3

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.