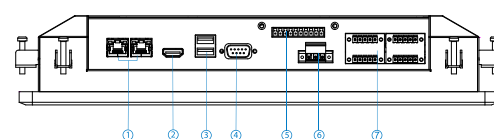
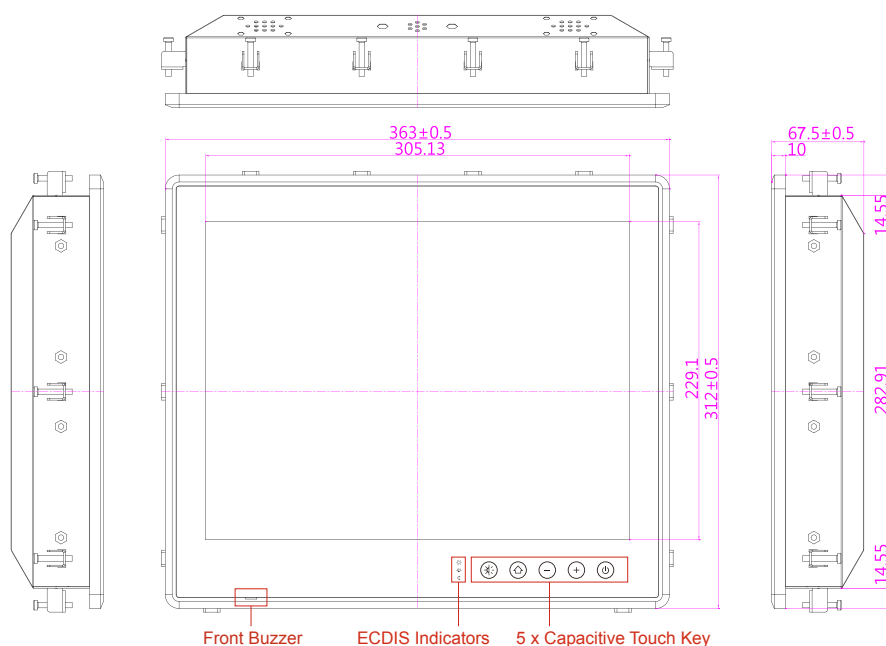


# 15" Flat P-CAP Marine Panel PC

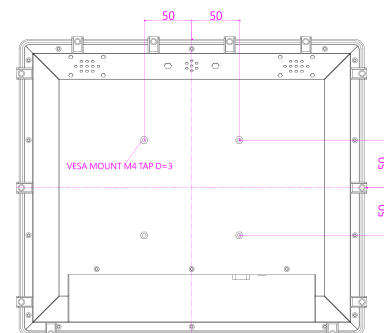
## Model#: R15IH3S-MRA3FP

### Features :

- 15" 1024 x 768 resolution with projective capacitive multi-touch screen
- 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 DAY, DUSK, and NIGHT mode switching)
- Optional 4 x COM port (NMEA 0183 protocol) 422/485 switchable via software
- Meet the requirements of Industrial marine standards, including IEC60945 4<sup>th</sup> Edition, DNVGL-CG-0339, IACS E10
- Support capacitive touch key lock / touchscreen lock function



1. 2 x LAN
2. 1 x HDMI
3. 2 x USB 3.0
4. 1 x RS232/422/485
5. 1 x 8 Channel DI/DO (Optional)
6. 1 x DC Power Input
7. 4 x NMEA 0183 Port (Optional)



★ Not e: this is a simplified drawing and some components are not marked in detail. \*Please contact our sales representative if you need further product information.

### Display Specifications :

|                     |                                               |
|---------------------|-----------------------------------------------|
| Resolution          | : 1024 x 768                                  |
| Pixel Pitch         | : 0.2947 (H) x 0.2947 (V) mm                  |
| Contrast Ratio      | : 700:1(typ.)                                 |
| Brightness          | : 400 cd/m <sup>2</sup> (typ.)                |
| Viewable Angle      | : 80°/80°/60°/80° (typ.) (Up/Down/Left/Right) |
| Active Display Area | : 306(H) x 230(V) mm                          |
| Max Colors          | : 16.2 M colors, 8 bits/color                 |
| Touch Screen        | : Projective Capacitive Multi-touch           |

### System Specifications :

|               |                                                                                                 |
|---------------|-------------------------------------------------------------------------------------------------|
| Processor     | : Supports 5 <sup>th</sup> Gen. Intel® Core i5-5250U Broadwell, 1.60 GHz (turbo up to 2.70 GHz) |
| System Memory | : 1 x DDR3L-1066 SODIMM (Default 4GB, Max 16GB)                                                 |
| Ethernet      | : Dual Ethernet Gb LAN                                                                          |
| Storage       | : 64GB mSATA SSD (Up to 256GB)                                                                  |
| Speaker       | : 2 x 2W Speaker                                                                                |
| Buzzer        | : 75 dB~80 dB, 2300 Hz, 1m                                                                      |

### Power Specifications :

|                   |                                                |
|-------------------|------------------------------------------------|
| Power Input       | : *24V DC-in with Isolation (9~36V acceptable) |
| Power Consumption | : 80W (Max)                                    |

### Certification

DNVGL-CG-0339, IEC60945 4th, IACS E10, CE, FCC

\*Only 24V DC have approval by DNVGL certificate

### Mechanical

|                     |                           |
|---------------------|---------------------------|
| Mechanical Mounting | : Panel Mount, VESA Mount |
| Housing             | : Anodized Aluminum Bezel |
| IP Rating           | : IP66 (Front Side)       |
| Dimension           | : 363mm x 312mm x 66.5mm  |
| Panel Mount Cutout  | : 338mm x 288mm           |

### Environmental

|                       |                                |
|-----------------------|--------------------------------|
| Operating Temperature | : -15 to 55 deg.C              |
| Operating Humidity    | : 5% to 95%(non-condensing)    |
| Anti-Vibration        | : 0.7g@DNVGL CG-0339 (Class A) |
| Anti-Shock            | : 15G, 11ms duration           |

### Input / Output Connectors

|                |                                                      |
|----------------|------------------------------------------------------|
| Ethernet LAN   | : 2 x RJ45                                           |
| COM (D-SUB)    | : 1 x RS232/422/485                                  |
| USB            | : 2 x USB3.0                                         |
| HDMI           | : 1 x HDMI                                           |
| NMEA Interface | : 4 x NMEA 0183 Port (Optional)                      |
| Digital IN/OUT | : 8 Channel Isolated Digital Input/Output (Optional) |
| DC power       | : 1 x 3-Pin Terminal Block (Phoenix type)            |

### OS Support :

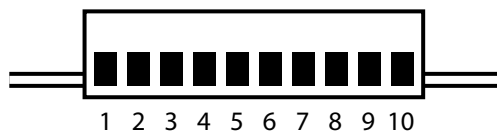
|                             |                                                                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating System (Optional) | : Windows 10 IoT Enterprise<br>Windows Embedded 8.1 Industry PRO<br>Windows Embedded 8 Std.<br>Windows Embedded Std. 7<br>Windows 7 PRO for Embedded System |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

# 15" Flat P-CAP Marine Panel PC

Model#: R15IH3S-MRA3FP

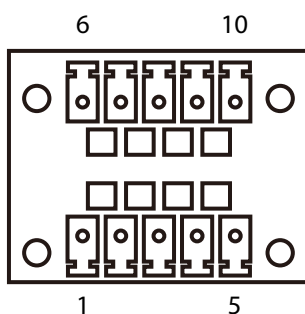
## Optional Digital Input / Output Connector

Eight channel isolated digital input and output connector with on-board optical isolation protection output up to 1.5KVdc.



| Pin No. | Symbol | Description                     |
|---------|--------|---------------------------------|
| 1       | DO_COM | DO Port Reference Voltage Level |
| 2       | DO_0   | Digital Output 0                |
| 3       | DO_1   | Digital Output 1                |
| 4       | DO_2   | Digital Output 2                |
| 5       | DO_3   | Digital Output 3                |
| 6       | ISOGND | Isolated Ground                 |
| 7       | DI0    | Digital Input 0                 |
| 8       | DI1    | Digital Input 1                 |
| 9       | DI2    | Digital Input 2                 |
| 10      | DI3    | Digital Input 3                 |

## Optional NMEA 0183 Port



| Pin No. | Symbol | Pin No. | Symbol |
|---------|--------|---------|--------|
| 1       | TxD1-  | 6       | TxD2-  |
| 2       | TxD1+  | 7       | TxD2+  |
| 3       | GND    | 8       | GND    |
| 4       | RxD1-  | 9       | RxD2-  |
| 5       | RxD1+  | 10      | RxD2+  |

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

 Uhlířská 1064/3, 710 00 Ostrava, Česká republika

 obchod@autocont-ipc.cz

 +420 552 301 002

 [www.autocont-ipc.cz](http://www.autocont-ipc.cz)



### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.