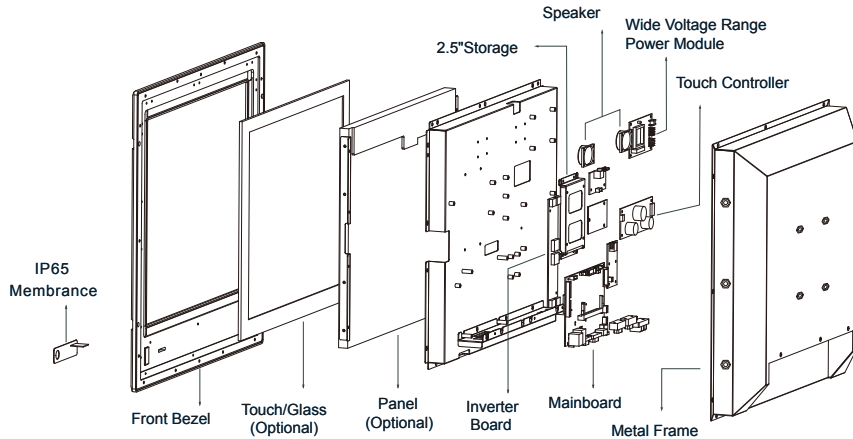
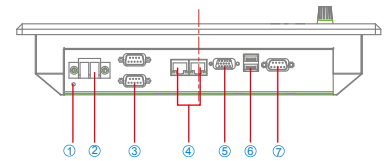


12" Marine Panel PC

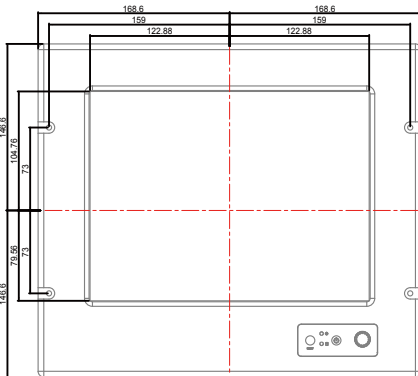
Model#: R12ID3S-MRM2



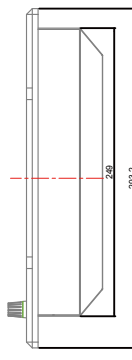
Modularized Construction



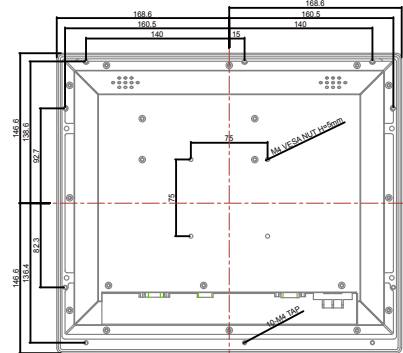
- 1.GND
- 2.9~36V DC Terminal Block
- 3.RS232
- 4.RJ45
- 5.VGA
- 6.USB2.0
- 7.RS232/422/485



FRONT VIEW



SIDE VIEW



BACK VIEW

* Note: this is a simplified drawing and so the components are not marked in detail. Please contact our sales representative if you need further product information.

TFT Characteristics :

| | |
|---------------------|------------------------------|
| Pixel Number | : 1024 x 768 |
| Pixel Pitch(R&B) | : 0.240 (H) x 0.240 (V) mm |
| Contrast Ratio | : 700:1(typ.) |
| Light Intensity | : 500cd/m2 (typ.) |
| Viewable Angle | : -80 ~ 80(H) ; -70~70(V) |
| Active Display Area | : 245.76 (H) x 184.32 (V) mm |
| Max Colors | : 16.2 (M) / 8 bit / colors |

Mechanical and Environmental

| | |
|-----------------------|--|
| Mechanical Mounting | : Panel (Flush) mount with IP66 , VESA, Bracket mounting |
| Operating Temperature | : -15 to 55 deg.C |
| Operating Humidity | : 5% to 95%(non condensing) |
| Anti-Vibration | : 5Hz~500Hz / 1Grms / 3 Axis |
| Anti-Shock | : 15G,11ms duration |
| | *SAW touch for IP54 |

SBC Specifications :

| | |
|-----------------|--|
| Processor | : Intel® Atom Dual Core N2600 1.6GHz |
| BIOS | : AMI 4Mbit Flash |
| System Chipset | : Intel® NM10 express chipset |
| Memory Slot | : 1 x DDR3 800/1066MHz SODIMM,(Max 4GB) |
| Graphic Chipset | : Intel®Graphic Accelerator 3650 |
| Storage | : 1 x SATA2, 1 x Mini PCIe slot (mSATA SSD) |
| Ethernet | : 2x RJ-45(1000 Gigabit Ethernet Compatible) |
| VGA | : 1x VGA Connector |
| Audio | : Realtek ALC886 HD Audio Codec |
| USB Ports | : 6 x USB 2.0 (4 x USB by pin-header) |
| Serial Ports | : 4 x RS232, 1 x RS232/422/485 |
| DVI | : 1 x DVI by 2x10 DB-13 wafer connector |

Input / Output Connectors

| | |
|--------------|--------------------------------|
| Ethernet LAN | : 2 x RJ45-10/100/1000 Mbps |
| COM | : 2 x RS232, 1 x RS232/422/485 |
| USB | : 2 x USB Type-A receptable |
| VGA | : 1 x VGA 15P DSUB (female) |
| DC Power | : 1 x DC Terminal block |
| | *Not support Pull and Plug |

Available Options

| | |
|-------------------------|--|
| Touch Screen Options | : SAW, 5 Wire Resistive |
| AR Safety Glass Options | : 3mm Anti-reflective protection glass |
| Bracket Stand options | : Yes(One robust bracket can adjust from -10 to 30 deg.) |
| Secondary SSD | : up to 256 GB mSATA SSD |

Power Specifications :

| | |
|----------------------|---|
| Power Supply Options | : 9 to 36 V DC power supply with Terminal block (Default) |
| Power Consumption | : 30 W typical, normal operation |

Certification and Approvals

- * CE, FCC, DNV2.4



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Note: All Specifications are subject to change without prior notice!

: 29-Jun-2016 V1.1

Business Hours: Monday - Friday 8.30am - 6.15pm