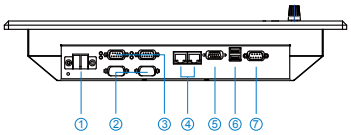
15" Marine Panel PC

Model#: R15ID3S-MRM2

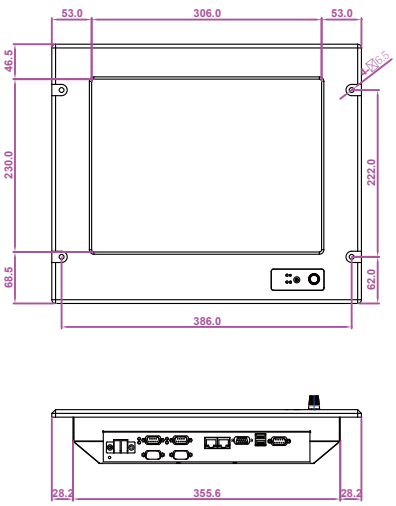
Dimming | IP66 Proof | OSD Front Panel | AR Safety Glass | Anti-Corrosion | TouchScreen | Wide Voltage Input | Fanless | Low Power

Feature

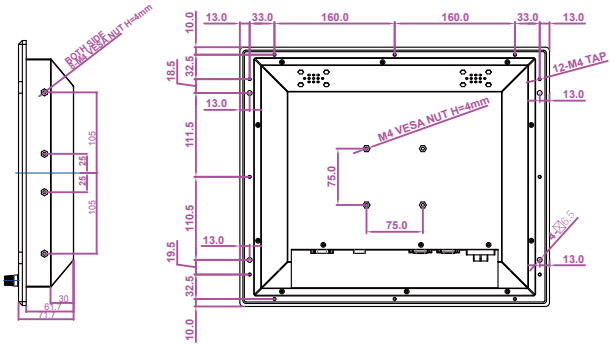
- 15" 1024 x 768 TFT LCD
- Intel® Atom Dual Core N2600 1.6GHz Processor
- 1 x SO-DIMM, max. 4GB DDR3 800/1066
- 2 x Isolated RS422/485 (optional)
- Integrated Dual Broadcom BCM57780 GbE Controller
- Isolated Power Module



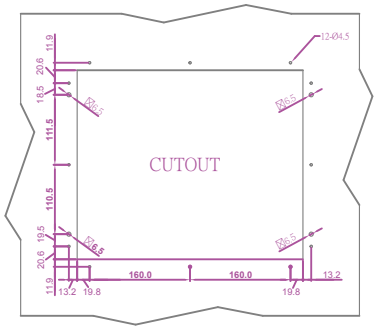
1. 1 x 9~36V DC input
2. 2 x RS232
3. 2 x Isolation-RS422/485 (optional)
4. 2 x RJ45
5. 1 x VGA out put
6. 2 x USB
7. 1 x RS232/422/485



FRONT VIEW



SIDE VIEW



CUT OUT DIMENSION

* Note: this is a simplified drawing and some 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)	: 0.297 (H) x 0.297 (V) mm
Contrast Ratio	: 700:1(typ.)
Panel Brightness	: 400cd/m2 (typ.)
Viewable Angle	: -80 ~ 80(H) ; -60 ~ 80(V)
Active Display Area	: 304 (H) x 228 (V) mm
Max Colors	: 16.2 (M) / 8 bit / colors

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

Power Specifications :

Power Supply Options	: 9 to 36 V DC power supply with Terminal block (Default)
Power Consumption	: 40 W , Max operation

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

Input / Output Connectors

Ethernet LAN	: 2 x RJ45-10/100/1000 Mbps
COM	: 2 x RS232, 1 x RS232/422/485
Isolated RS422/485	: 2 x Isolated RS422/485 COM (optional)
USB	: 2 x USB Type-A receptable
VGA output	: 1 x VGA 15P D-SUB (female)
DC Power	: 1 x DC Terminal block

Available Options

Touch Screen Options	: 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

Certification and Approvals

- CE, FCC, DNV2.4