

R19IH3S-MRA1FP

19" Intel® Core™ i5 Flat PCAP ECDIS Marine Panel PC



KEY FEATURES

- 19" 1280 x 1024 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 ECDIS 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 4th Edition, DNVGL-CG-0339, IACS E10
- Support capacitive touch key lock / touchscreen lock function



SPECIFICATIONS

Display			
Resolution	1280x1024	Size	19.0 inches
Contrast Ratio	1000:1	Panel Brightness	400 nits
View Angles	85,85,80,80	Active Area	376.32x301.06 mm
Touch / Glass	Projected Capacitive Multi Touch Screen AR Glass (Optional)		
System Specification			
Processor	Intel® Core™ i5-5350U Processor 1.8GHz (3M Cache, up to 2.90 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 382 x 72.8 mm	Mounting	VESA Mount/ Panel Mount
Enclosure	Anodized 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

