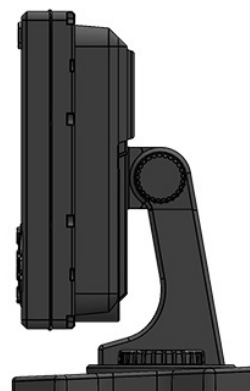




# MARINE AIS

Class Bplus F413A





# B+ CLASS 5in

## Features

- Inegrated with ship Treacking system
- Compliant with International Standards Multiple: list of Ship. Radar and Map
- User Friendly Software upgrade via SD card
- High performance latest generation GPS
- Integrated high definition colour display with night mode
- Integrated WiFi
- Pilot plug cable and junction box accessory options
- Dual Independent receiver
- Keyboard Blacklight
- Small From Factor
- AIS full stack support
- Support NMEA 0183
- Support NMEA 2000 (opt)
- Design to meet IEC61993-2
- Compatible with ITU 1371

## Key Advantage

Mobile App  
Small compact design  
Low Cost Solution  
Low Power Consumption  
Life Time Technical Support  
Y1 Year Replacment Guarantee  
Direct Service in all Main Ports  
Incredible Boot Time, Just a few Seconds  
Flexible Mounting System  
Adaptive interation wide variety of marine devices

## Specification

- On board MCU
- On-board GNSS module
- AIS CSTDMA transceiver
- DUAL AIS rceiver Operation
- Two simultaneous Receive Channel
- one DCS Channel
- GMSK modulation
- Dual UARTs
- USB interface
- 1,2 & 12.5 transmit Power

## Technical Specification

### Compliant Standards:

IEC 62287-1  
IEC 62287-2  
ITU-R M. 1371-5

### Display:

5 inch. 800\*480

### Default Frequencies:

AIS1 (CH87) = 161.975 MHz  
AIS2 (CH87B) = 162.025 MHz

### Transmit Power:

5 Watt  
AIS Rx Sensitivity:  
PER <20% at-107 dBm

### GPS Receiver:

72-channel u-blox engine / GPS / QZSS / GLONASS / BeDou / Galileo / WAAS. EGNOS. MSAS

### Power Supply:

9-36VDS

### Ports:

NMEA183 (RS-232). SD-Card



operaion temperature range  
unit -15 to +55 C  
GNSS antenna -30 to +70 C



Humidity  
Unit <95% relative non-condensing  
GNSS antenna 100%, hermetically



Water ingress rating IP65IK7

Navigate Beyond the Horizon

[www.hounamioffshore.com](http://www.hounamioffshore.com)

