

# Raymarine®

## AIS

**NEW** AIS500  
Class B AIS Transceiver  
AIS250  
AIS Receiver Module

New



## AIS AUTOMATIC IDENTIFICATION SYSTEM

Operating in the VHF maritime band, the AIS system enables the wireless exchange of navigation status between vessels and shore-side traffic monitoring centers. Commercial ships, ocean going vessels and other boats equipped with AIS transmitters broadcast AIS messages that include the vessel's name, course, speed, and current navigation status.

### AIS500 CLASS B TRANSCIVER



See and be seen with the Class B AIS500 transceiver. While underway the AIS500 transmits Class B messages that include your GPS location, course, speed and specific vessel details, including your MMSI (Maritime Mobile Service Identity), vessel name, type and call sign. Competitive racers and fisherman will appreciate the AIS500's silent mode feature.

Silent Mode deactivates AIS broadcasts and can easily be turned on or off directly from a Raymarine multifunction display. The AIS500 integrates with Raymarine multifunction displays using either NMEA0183 or SeaTalk<sup>ng</sup> interface protocols. A built in NMEA0183 multiplexer and VHF splitter simplify installation. The AIS500 also includes a dedicated GPS sensor to ensure your vessel position data is broadcast at all times.

- Improve collision avoidance by broadcasting your vessel ID and location
- Easy-to-integrate with built in GPS, VHF splitter and NMEA multiplexer
- Activate silent mode directly from a Raymarine MFD interface
- 16 channel dedicated GPS with external antenna included
- Simple interfacing with Raymarine gear using SeaTalk<sup>ng</sup> or NMEA 0183

**SeaTalk<sup>ng</sup>**  
The Next Generation Data Bus

### AIS250 RECEIVER



The Raymarine AIS250 Receiver module is a "listen only" AIS receiver that easily integrates with an existing VHF antenna using a built in VHF splitter. The AIS250 then interfaces to Raymarine multifunction displays, allowing AIS targets to be graphically overlaid in both the chartplotter and radar modes.

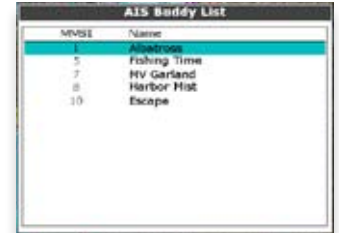
- Monitoring of class A and B AIS broadcasts
- Overlay AIS targets on Raymarine multifunction displays in both chartplotter and radar modes
- AIS target tracking enhances your situational awareness by monitoring a target's name, course, speed, closest point of approach and navigation status
- Reconcile AIS targets with radar targets for added safety
- Built-in VHF/FM antenna splitter. No additional antenna required
- Two NMEA 0183 input and two NMEA 0183 output ports with a built-in multiplexer

### ORDERING INFORMATION

PART #	DESCRIPTION
E62235	AIS500 Class B Transceiver
E03015	AIS250 Receiver Module



See and be seen with Class B AIS



Keep track of friendly AIS targets with Raymarine multifunction displays



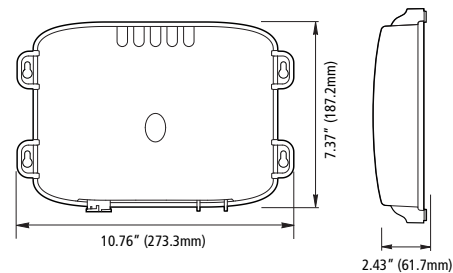
Overlay AIS targets with radar contacts on Raymarine multifunction navigation displays



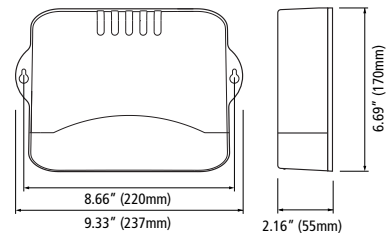
Easy integration with Raymarine Multifunction Displays

### DIMENSIONS

AIS500 Class B Transceiver



AIS250 Receiver



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Product specifications subject to change without notice