



# AIS

## Shine Micro SM1610-4

The SM1610-4 is the latest revision of the SM1610 base station AIS receiver selected for NAIS increment 1. With brand new software architecture built around NMEA 0183 v4.1, the SM1610-4 offers a new enhanced signal analysis package bundled with proven performance. The signal analysis package includes a new easy-to-use PC interface where users can select which features they wish to output. New features include the ability to output the total number of slots in a frame, detection of garbled slots and frequency deviation, and received signal strength. These features open up new possibilities for using base stations to identify shipboard AIS installations that may be in need of attention.



▶ [www.shinemicro.com](http://www.shinemicro.com)



## Onwa KS-200A

KS-200A is a Class B AIS transponder that fully satisfies the technical standard for Class B AIS (IEC62287-1 and IEC62287-2). It is suitable for all light marine vessels up to 300 tons. KS-200A allows the vessel to receive AIS targets within 40 nautical miles from the vessel with the use of a VHF antenna (separate accessory) and transmit the vessel's own AIS data such as MMSI, call sign, boat name, dimensions, etc. KS-200A can easily be configured by provided Windows-compatible software. Onwa has developed an AIS-encrypted technology that allows only Onwa users to receive the AIS data and cannot be received by standard Class A/Class B AIS and AIS receivers.

▶ [www.onwamarine.com](http://www.onwamarine.com)

## SI-TEX Metadata Dual-Channel Receiver

SI-TEX's Metadata Black Box Dual-Channel AIS Receiver is an AIS solution for a wide range of vessels needing to receive accurate, real-time Class A and Class B AIS data for display on compatible chartplotters, MFDs and other marine electronics. The



Metadata Black Box AIS features the company's exclusive Rmax AIS technology for fast processing that maximizes reception range and ensures that all incoming AIS messages are received and decoded in real time. The Metadata

Dual-Channel Receiver is designed for plug-and-play integration using built-in NMEA 0183 and NMEA 2000 interfaces or a USB interface that also powers the device. The Metadata AIS family also includes a Class B transceiver and antenna splitter, all in the same IPx7 waterproof case measuring 5.5x3.9x1.9 inches.

▶ [www.si-tex.com](http://www.si-tex.com)

## Simrad NAIS-400

Simple to use and offering safety at sea, the Class-B AIS NAIS-400 is plug-and-play compatible with Lowrance, Simrad and B&G multifunction displays and VHF devices. Overlaying AIS data on MFDs, the NAIS-400 shows the position and movements of all AIS-equipped vessels within range. The system uses sophisticated automatic digital time-sharing technology that enables exchange of static information like MMSI number, vessel name, call sign and type, as well as dynamic data, including course, distance, speed and more, from ship to ship and ship to shore-based stations. Lightweight and compact, the NAIS-400 black box is rugged and submersible, and features an integrated GPS receiver, and a variety of connection options, including NMEA 2000. Excellent for smaller powerboats with its low average power consumption of 170mA at 12 VDC.



▶ [www.simrad-yachting.com](http://www.simrad-yachting.com)