



SevenStar Electronics

SEAVIEWER – upgradeable AIS Receiver



The SeaVieweR receives AIS data on both AIS channels simultaneously utilising 2 totally independent, synthesised VHF receivers and highly sophisticated digital signal processing.

Only one NMEA connection is needed for the AIS and GPS position data, and uniquely, if you decide you want to get the full benefits of AIS, your SeaVieweR AIS/GPS receiver can be upgraded into a fully approved Class B AIS Transponder. Your position and ID will then be transmitted to everyone around you so you appear on their displays!

Product Features:

- Also lets you see AIS nav aids (AtoN's - Aids to Navigation) You won't see them without AIS!
- When upgraded, the resulting Class B transponder is fully approved to IEC 62287-1, IEC 60945, ITU-RM.1371-1, IEC 61162-1, IEC 61108-1, ITU R M.493-9, ITU R M.825-3, and certified by BABT, BSH, USCG (FCC pending).
- AIS has been mandatory for SOLAS commercial and passenger vessels worldwide since 2004, and both our SeaVieweR receiver and our SeaTraceR Class B AIS Transponder work within this system, bringing its wide-reaching benefits to the leisure and smaller commercial vessel market.

SEATRACER AIS B Transponder



The SeaTraceR AIS B Transponder was one of the first to be designed following the release of the IEC- 62287-1 specification. It utilises the most sophisticated digital signal processing and software algorithms to implement the required CS-TDMA transmitter and receiver functions. Robust and resilient to the stresses of life at sea, the SeaTraceR is housed in an IP-65 rated aluminium enclosure with matching and versatile mounting hardware, all of which is protected with a sea-water resistant coating under a heavy-duty powder-coat external finish.

Product Features:

- **See other vessels within your vicinity, even if they are behind another object ie. headland, island, ship**
- **You will be visible to any AIS-equipped vessel or coast station within VHF range**
- **You will see AIS navigation beacons (AtoNs) clearly displayed on your screen**
- **Collisions can be easily avoided**
- **Security monitoring at ports, harbours and marinas**
- **Hire and charter craft can be easily monitored**
- **Anti-smuggling, Anti-terrorist and Anti-piracy**

Adding an AIS Transponder to your vessel greatly improves your safety, security and situational awareness. However, it does not totally replace the function of a good radar set, a proven good radar reflector or a keen pair of eyes! There are some circumstances when a commercial SOLAS vessel will still not see or react to your transmission - but at least you will know he is there with AIS! Nothing can take the place of good seamanship, good training, and good equipment

S.701 Search & Rescue Transponder (SART)



The S.701 Search and Rescue Transponder (SART) from SevenStar Electronics Limited has been designed to fulfil and exceed the requirements of X-band Marine Search & Rescue Radar Transponders as specified for use within the GMDSS community.

Available in either Grab-Bag model or Carry Off model (pictured)

Two models are currently available. The **S.701-C/O** model is the full Carry-Off version, with mounting bracket, tether, and straps. It can be fixed to any convenient bulkhead or wall. The S.701-L/R is the liferaft version, supplied on its own to make the most of its ultra-slim profile and stow easily inside the raft. It can also be arranged to activate automatically as the raft inflates. An optional 1 metre telescopic mounting pole is also available.

The **S.701** SART is the result of many years experience in the specification, design, manufacture and use of SARTs and related marine safety equipment. It brings together the ultimate in high-reliability design, modern manufacturing techniques and 'designed-in' ease of deployment. It produces an instantly recognizable "12 dot" radar return to direct rescue vessels.