

S200



IMO SOLAS-Compliant AIS Search and Rescue Transmitter

Designed to Meet GMDSS requirements and professional off-shore reliability

The S200 is an IMO SOLAS-compliant AIS Search and Rescue Transmitter (SART), providing vessels required to adhere to GMDSS regulations with a reliable solution for meeting mandatory SART carriage requirements. Leveraging AIS class-A position reports, the S200 transmits eight position report messages per minute, enabling real-time tracking in critical situations.



AIS Class-A Position Reports



GNSS/GPS Enabled



5 Nautical Mile Detection Range



96 Hours of Operation



S200



IMO SOLAS-compliant AIS Search and Rescue Transmitter

Built on the proven design of the S100, the S200 offers enhanced distress alerting through Automatic Identification System (AIS) technology, moving beyond traditional radar-based systems. This cutting-edge device sends precise GNSS/GPS satellite location coordinates to all AIS-equipped vessels within VHF range, ensuring that emergency assistance is rapidly deployed when needed.

The S200 has an average detection range of 5 nautical miles and also integrates Near Field Communication (NFC) which aids product registration and provides test and battery data. Its high-performance lithium battery delivers up to 96 hours of operating life, ensuring extended reliability in the toughest conditions. The AIS-based system also provides superior performance in adverse weather, with reduced susceptibility to interference from heavy rain or fog.

Designed with convenience in mind, the S200 includes a sleek wall mount for easy access in emergencies. An optional telescopic pole, extending 3.3 feet (1 meter), can be attached for maximum height and visibility when deployed from a life craft, and the SART can be suspended inside the craft for hands-free use.

Built to endure the harshest marine environments, the S200 is a dependable partner in any emergency, ensuring your distress signal reaches any AIS-equipped vessel within range. Its rugged construction guarantees it will be operational when you need it most, providing peace of mind on the water.

Carriage Requirements:

- Any IMO SOLAS vessels on international voyages are required to carry a SART
- 300-500 Gross Register Tonnage (GRT) must carry a minimum of 1 SART
- Over 500 Gross Register Tonnage (GRT) must carry a minimum of 2 SARTs
- 1 SART for every four life rafts on Ro-Ro passenger vessels

Specification

Part Number: 710S-05162

Model Number: S200

General

Operational Temp. Range	-20°C to +55°C
Storage Temp. Range	-30°C to +70°C
Waterproof	10 m
Drop Proof (on water)	20 m
Battery	Lithium/Iron Disulfide (Li/FeS2) – Non Hazardous
Battery (Lithium Metal Weight)	<2g per battery
Battery Replacement Interval	5 years
NFC	Frequency 13.56 MHz
Compass Safe Distance	1 meter
Test Standards	IEC61097-14, IEC60945 (Category Portable)
Dimensions	8.94" (H) x 2.56" (D) 227mm (H) x 65mm (D)
Weight	Weight (with battery) 0.69 lbs (315g) Weight (without battery) 0.50 lbs (227g)

Operation

Operation Time	96 Hours at -20°C
Frequency	161.975/162.025 MHz
Transmit Power (EIRP)	1Watt +/- 3dBm
Baud Rate	9600 baud
Messages	Message 1 (Position), Message 14 (Status)
Repetition Interval	8 messages/minute (message 14 sent twice every 4 minutes)

Activation

Manual

Approvals

- MED (MED/4.55)
- UK MER (MSN 1874)
- GMDSS Provisions of Part 80 of the FCC rules (see www.oceansignal.com for full list of approvals)

Accessories

- Bulkhead mounting bracket & mounting screws, attachment lanyard (Included)
- Telescopic Pole (1m) (Not Included)

For more information please contact:

Ocean Signal Ltd.

Unit 4, Ocivan Way, Margate, CT9 4NN

United Kingdom

Tel. +44 (0) 1843 282930, Email. info@oceansignal.com