

## SafeLink AIS SART2

The SafeLink AIS SART2 is a manual deployment survival craft AIS Search and Rescue Transmitter (AIS SART), intended for use on life rafts or survival craft. It meets IMO SOLAS requirements and is a replacement for legacy radar SARTs.



## Safel ink AIS SART2

Compact, easy to operate and deploy, the SafeLink AIS, Search and Rescue locating device is a portable transponder packed inside a quick release carry off bag.

SafeLink AIS SART2 transmits target survivor information including structured alert messages, GPS position information and serialised identity number. Once activated the SafeLink AIS SART2 transmits continually for a minimum of 96 hours. An inbuilt high precision GNSS receiver provides accurate position information to assist in quick location of survival craft.

Whether wall mounted in the ships bridge or packed inside a survival craft, the highly visible and buoyant carry case affords maximum protection.

- Internationally approved
- Ship or Survival craft options
- Waterproof to 10m
- Buoyant/floats
- Rugged, compact and lightweight
- Minimum 96 hour operational battery life
- 6 year battery life
- Visual indication of operation
- Built-in test facility
- Mounting options Internal/External
- Transmits GPS coordinates
- Interoperability with AIS Users
- Telescopic Mounting Pole included
- Comes with protective carry off bag

## **Technical Specifications**

Beacon Specification Standards applied

APPLICABLE **STANDARDS** 

IEC 61097-14 Ed.1 (2010)

IEC 60945 Ed. 4 (2002) incl. Corrigendum 1 (2008)

IMO Resolution A.694 (17) IMO Resolution MSC.246 (83) IMO Res. MSC.302 (87)\* ITU-R M.1371-5 (2014)

\*: This covers Bridge Alert Management and it is not

AIS 1, 161.975MHz

applicable for AIS

VHF **TRANSMITTER** 

**GNSS** 

**RECEIVER** 

Operating Frequency

AIS 2, 162.025MHz Data Rate 9,600bps Bandwidth 25 KHz 1W EIRP Power Output

AIS Message Type Message 1, Message 14

GMSK Modulation Integrated by PCB

Antenna Receiving Channels

Acquisition Sensitivity Tracking Sensitivity

48 channels (-)159 dBm (-)159 dBm Position Accuracy

< 2.5 m Autonomous &

**SBAS** 

6 years Replaceable

BATTERY Туре

Operating Life Storage Service

Carry Bag Wall Mount

**CARRY &** MOUNTING ENVIRON-

MENT

Operating temperature Storage temperature Waterproof

Buovancy Exterior Finish Compass safe distance -20°C to +55°C -30°C to +70°C Immersion to 10m Floats

Primary Lithium

(not rechargeable)

96 hours minimum

Highly visible Yellow Standard Magnetic – 0.60m

Steering Magnetic -0.40m

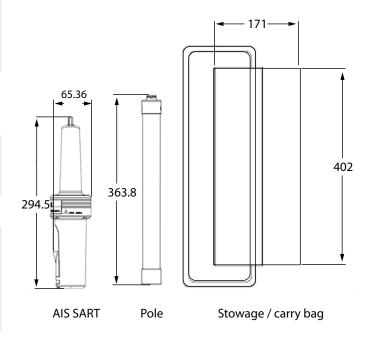
PHYSICAL

Max Diameter (Main Body) Length (Main Body) Weight (Main Body) Length (Pole) Weight (Pole) Total Weight

(Storage Package)

70 mm

300 mm 283g (Battery included) 1050mm (Extended) 300g 1.08kg



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