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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.



sales-om@orolia.com
www.kannadmarine.com

SafeLink 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.

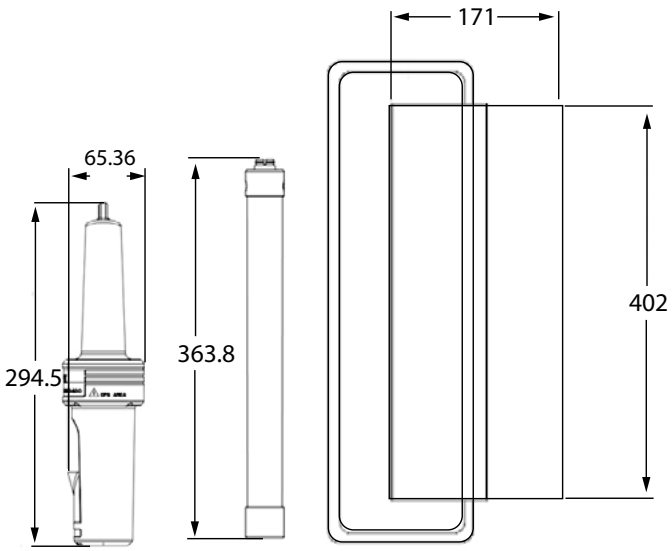
- Internationally approved
- Ship or Survival craft options
- Waterproof to 10m
- Buoyant/floats
- Rugged, compact and lightweight
- Minimum 96 hour operational battery life
- 6 year battery life
- Visual indication of operation
- Built-in test facility
- Mounting options — Internal/External
- Transmits 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 applicable for AIS	
VHF TRANSMITTER	Operating Frequency Data Rate Bandwidth Power Output AIS Message Type Modulation Antenna	AIS 1, 161.975MHz AIS 2, 162.025MHz 9,600bps 25 KHz 1W EIRP Message 1, Message 14 GMSK Integrated by PCB
GNSS RECEIVER	Receiving Channels Acquisition Sensitivity Tracking Sensitivity Position Accuracy	48 channels (-)159 dBm (-)159 dBm < 2.5 m Autonomous & SBAS
BATTERY	Type Operating Life Storage Service	Primary Lithium (not rechargeable) 96 hours minimum 6 years Replaceable
CARRY & MOUNTING	Carry Bag Wall Mount	
ENVIRON-MENT	Operating temperature Storage temperature Waterproof Buoyancy Exterior Finish Compass safe distance	-20°C to +55°C -30°C to +70°C Immersion to 10m Floats 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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