

# Technical Specifications

## Smartfind S5 AIS SART

Part Number: 92-001-001A S5 AIS SART retail pack

<b>Type</b>	IMO AIS SART	Non float free
<b>Operation</b>	Manual activation switch	Protected by anti tamper cover.
	Self test	Checks transmitter, battery, GPS and indicators.
<b>AIS Transmitter</b>	Operating frequency	AIS1, 161.975 MHz AIS2, 162.025 MHz
	Power output	1 W EIRP
	AIS message type	1, 14
	Modulation	GMSK
	Antenna	Integrated vertical element
<b>Battery</b>	Type	Lithium metal
	Operating life	96 hours minimum
	Storage	6 years
	Service	Replaceable
<b>GNSS</b>	GPS	20 channel
<b>Environment</b>	Operating temperature	-20 °C to +55 °C
	Storage temperature	-30 °C to +70 °C
	Waterproof	Immersion to 10m
	Buoyancy	Floats
	Exterior Finish	Highly visible orange
	Compass safe distance	0.5m
<b>Physical</b>	Weight (main unit )	160 grams
	Weight, (including pole)	450 grams
	Size (main unit)	H330 x W85 (mm)
	Overall length including pole	155 cm
	Lanyard	10 m, 50Kg breaking strain
<b>Mounting</b>	Stowage case (packed)	940g H390 x D80 x W150 (mm)
	Bulkhead bracket	230g
<b>Standards applied</b>	AIS SART	IEC 61097 -14, IEC 60945
	Radio	ITU – R M.1371
	GNSS / GPS	IEC 61108-1
	IMO	MSC.246(83)