

# New Product Release

## SR500 AIS Search and Rescue Transmitter



**1<sup>st</sup> April 2022**

Introducing the new SR500 AIS Search and Rescue Transmitter (SART) from GME.

The SR500 SART is a self-contained, waterproof rescue beacon that transmits an Automatic Identification System (AIS) distress signal upon activation in an emergency. The transmitted signal contains the position of the device, which can be detected by any AIS-equipped vessel in range.

The SR500 SART transmits a 1 Watt AIS message over VHF Channels 1 & 2 and features an integrated GPS receiver to provide accurate location information, which is included in the AIS transmission.

When received, the AIS transmission is translated and displayed on a chart plotter, allowing potential rescuers to quickly and easily locate the beacon. This distress message is transmitted every 1 minute for a minimum period of 96 hours.

The SR500 SART also features a high intensity LED light which flashes Morse Code "SOS" every 30 seconds.

GME Pty Ltd. ABN: 93 000 346 814 ACN: 000 346 814

**gme.net.au** | **T:** (02) 8867 6000 | **F:** (02) 8867 6199 | **Sales:** 1300 463 463 | **Email:** enquiries@gme.net.au  
**Head Office:** 17 Gibbon Road, Winston Hills, NSW 2153, Australia | PO Box 96, Winston Hills, NSW 2153, Australia

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## Key Features

- Integrated GPS Position sent over AIS 1&2 VHF Channels
- Signal transmitted at 1W for 96 Hours Minimum
- Compatible with Chart Plotter Packet Standards
- Position Transmitted Every 1 Minute
- High Intensity LED Flashes Morse Code "SOS" Every 30 Seconds

## In the box

- AIS SART (SR500)
- Carry Bag
- 1m Extension Pole
- 10m Buoyant Lanyard
- Wall Mount Bracket
- Screws M4 x 20



**OUR 2 YEAR STANDARD WARRANTY**

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Model Code	SR500
Description	AIS Search and Rescue Transmitter
EAN	9 319 493 313 513
Country of Origin	Taiwan
Package Dimensions	170 x 440 x 110mm (WxHxD)
Warranty	2 Years
SRP	\$699
Available From	1 <sup>st</sup> April 2022
Dimensions	156 x 402 x 95mm (WxHxD)



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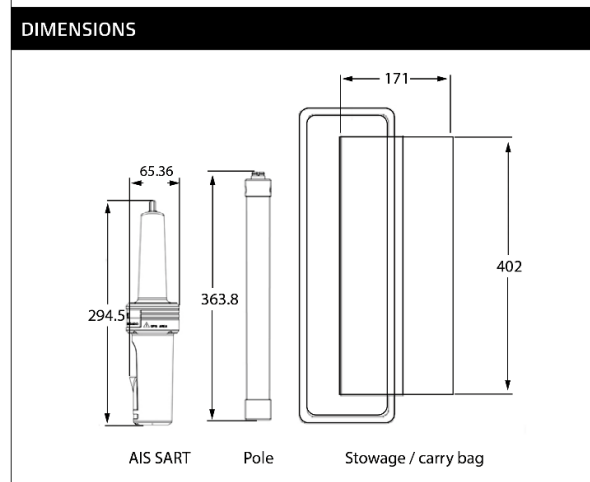
### Specifications

GENERAL	
Applicable Standards:	IEC 61097-14 Ed.1 (2010)
	IEC 60945 Ed. 4 (2002) incl. Corrigendum 1 (2008)
	IMO Resolution MSC.246 (83)
	ITU-R M.1371-5 (2014)
VHF PERFORMANCE	
Operating Frequency	AIS 1, 161.975MHz
	AIS 2, 162.025MHz
Data Rate	9,600 bps
Bandwidth	25 KHz
Power Output	1W EIRP
AIS Message Type	Message 1, Message 14
Modulation	GMSK
Antenna	Integrated by PCB
GPS RECEIVER	
Receiving Channels	48 Channels
Acquisition Sensitivity	(-1)159 dBm
Tracking Sensitivity	(-1)159 dBm
Position Accuracy	< 2.5 m Autonomous & SBAS
BATTERY	
Type	Primary Lithium (not rechargeable)
Operating Time	96 Hours Minimum
Storage	6 Years
Service	Replaceable

ENVIRONMENTAL	
Operating Temperature	-20°C~55°C
Storage Temperature	-30°C~70°C
Waterproof	Immersion to 10m
Buoyancy	Floats
Exterior Finish	Highly Visible Yellow
Compass Safe Distance	Standard Magnetic – 0.60m
	Steering Magnetic – 0.40m

PHYSICAL	
Max Diameter (Main Body)	70 mm
Length (Main Body)	300 mm
Weight (Main Body)	283 g (Battery Included)
Length (Pole)	1050 mm (Extended)
Weight (Pole)	300 g
Weight (Storage Package)	1.08 kg

IN THE BOX	
SR500	
Carry Bag	
1m Extension Pole	
10m Buoyant Lanyard	
Wall Mounting Bracket	
Screws M4 x 20	



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