



AIS SART

PLOMO-500

▶ The Latest SART Technology

AMEC AIS SART PLOMO-500 complies with IEC 61097-14 specification. It is designed to be alternative of Radar SART. AMEC PLOMO-500 can transmit GPS positioning, MMSI, GOG and SOG in every minute once activated. The rescue team can shorten the search time by receiving explicitly AIS information.

▶ User-Friendly Operation

AMEC PLOMO-500 provides not only robust AIS SART but also a complete distress pack bag which includes all necessary accessories of AIS SART. Users just need to carry whole package without holding SART unit during emergency situation. Besides, the operation instruction is simplified to users with only 4 steps.

▶ Backlit Panel and LED Indicator Integration

AMEC PLOMO-500 has backlit operational panel which allows users to see the buttons in dusky environment. Moreover, main unit has over usage indication when the Test button has used over 10 times or Active button has been activated before. Aside from that, the Active LED Indication will flash by "SOS" Morse Code once it is activated.

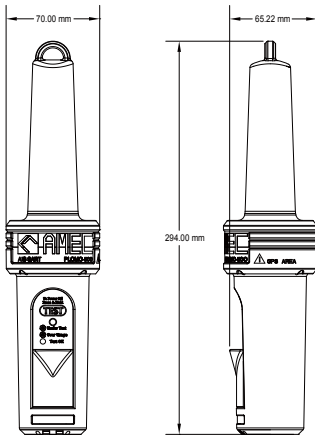
FEATURES

- Innovative AIS Technology
- Rugged and compact design
- Buoyant / floatable and waterproof to 10m
- Florescent backlight panel
- SOS LED light
- Easy to assemble and carry
- Minimum operating life - 96 hours

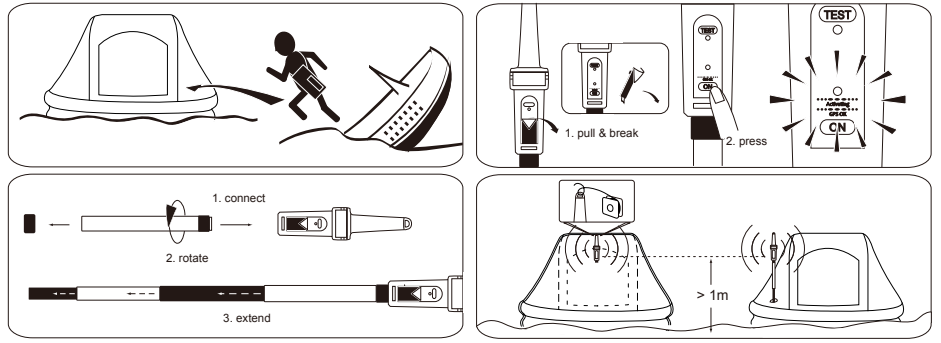
APPLICATIONS

- ▶ Leisure Boat
- ▶ Fishing Boat
- ▶ AIS Transponder
- ▶ AIS Receiver

DIMENSIONS



INSTRUCTION DIAGRAM



SPECIFICATIONS

▶ APPLICABLE STANDARDS

IEC 61097-14
IEC 60945
IEC 61108-1
ITU-R M.1371
MSC.246(83)

▶ VHF TRANSMITTER

Operating Frequency	AIS 1, 161.975MHz AIS 2, 162.025MHz
Data Rate	9,600bps
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	(-159 dBm
Tracking Sensitivity	(-159 dBm
Position Accuracy	< 2.5 m Autonomous & SBAS

▶ BATTERY

Type	Primary Lithium (not rechargeable)
Operating Life	96 hours minimum
Storage	5 years
Service	Replaceable

▶ CARRY & MOUNTING

Carry Bag
Wall Mount

▶ ENVIRONMENTAL

Operating Temperature	-20°C~55°C
Storage Temperature	-30°C~70°C
Waterproof	Immersion to 10m
Buoyancy	Floats
Exterior Finish	Highly Visible Yellow

▶ PHYSICAL

Max Diameter (Main Body)	70 mm (2.76 inch)
Length (Main Body)	300 mm (11.81 inch)
Weight (Main Body)	283 g (Battery included)
Length (Pole)	1050 mm (41.34 inch) (Extended)
Weight (Pole)	300 g
Weight (Storage Package)	1.08 kg

Note: Specifications are subject to change without prior notice.



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The AIS Specialists

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