

# NAS-1000

# AIS-SART

## Type approval with MED, CCS and VR



NAS-1000 AIS-SART is designed to use for emergency purpose on liferaft. According to the relative IMO rule, either AIS-SART or traditional RADAR-SART (Search and Rescue Transponder) can be accepted as "SAR LOCATING DEVICE" to be a member of onboard GMDSS family from January 1<sup>st</sup>, 2010.

Compared to RADAR-SART, AIS-SART has advantage in some aspects, such as farther-reach transmission and less affect from sea conditions. With more and more vessels to be fitted with AIS, AIS-SART will become more effective and useful in SAR operations.

NAS-1000 is designed to transmit a serial of messages on two AIS channels periodically. With unique and special MMSI pre-configured, alerts from AIS-SART can be easily recognized and read, which is sent both in position report and safety message.

NAS-1000 adopts low consumption design to ensure the product to continuously operate more than 96 hours.

NAS-1000 conforms to the latest rules including IMO MSC 246 (83) and IEC 61097-14.



## SPECIFICATIONS

### ● TECHNICAL SPECIFICATIONS

TX Channel:	AIS 1 (CH2087) , AIS 2 (CH2088)
FREQ Tolerance:	≤0.5kHz
Communication Range:	≥5 nm
Operating Hours:	≥96 hours
GPS Fixing Time:	≤1 minute

### ● BATTERY REQUIREMENTS (NBT100)

Battery Voltage:	DC 7.2V
Storage Temp:	-30°C ~ +70°C
Shelf Time:	1 year
Expiry Time:	5 years since on board

### ● WORKING ENVIRONMENTS

Operation Temp:	-20°C ~ +55°C
Floating Type:	Floatable

### ● DIMENSION & WEIGHT

Dimension:	95 (D) × 377 (L) mm
Weight:	abt 900g

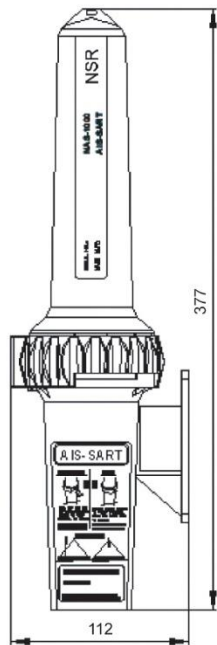
## EQUIPMENT LIST

### ● STANDARD

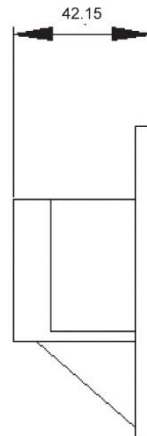
- Transmitter (NAS-1000)	1 pc
- Installation Bracket	1 pc
- Tele-Pole (1.5m)	1 pc
- Accessories	1 set



## SIZE DIMENSION



Transmitter



Mount bracket

