

NRT-1000

SART(Search and Rescue Radar Transponder)

Type approval with CCS and VR



NRT-1000 SART is designed to use for emergency purpose on liferaft.

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

The Search and Rescue Radar Transponder (SART) is a 9 GHz receiver / transmitter which provides a position.

The fundamental function of the SART is to indicate its position by producing range and bearing information on any 9 GHz radar screen of any nearby vessels and aircraft.

When its RADAR receiver is triggered by an interrogating RADAR of 9 GHz band on a search and rescue ship or aircraft, the SART immediately transmits a coded response signal (a series of 12 dots) .

NRT-1000 conforms to the latest standards including IEC 61097-1 and IEC60945 .



SPECIFICATIONS

● TECHNICAL SPECIFICATIONS

TX Frequency:	9.2~9.5GHz
Polarization:	Horizontal
Radiated Power:	400mW E.I.R.P
Receiver Sensitivity:	Better than -50dBm

● BATTERY REQUIREMENTS (NBT100S)

Battery Voltage:	DC 7.2V
Storage Temp:	-30°C~+70°C
Shelf Time:	1 year
Expiry Time:	5 years since on board
Working Hours:	At least 96 hours

● WORKING ENVIRONMENTS

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

● DIMENSION & WEIGHT

Dimension:	95 (D) × 377 (L) mm
Weight:	abt 750g

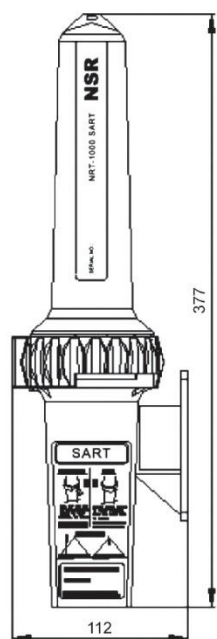
EQUIPMENT LIST

● STANDARD

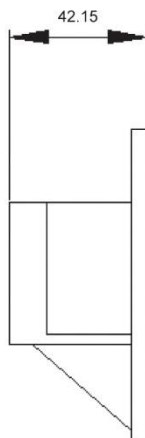
- Transponder (NRT-1000)	1 pc
- Installation Bracket	1 pc
- Tele-Pole (1.5m)	1 pc
- Accessories	1 set



SIZE DIMENSION



Transponder



Mount bracket

