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 IMO A.802 (19), IEC 61097-1.
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: max 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: 750g

EQUIPMENT LIST

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

SIZE DIMENSION

※ Specifications subject to change without notice.