

## ● TECHNICAL SPECIFICATIONS

- Channel: AIS 1, AIS 2
- Frequency Error:  $\leq 0.5$  kHz
- Power: 1 W
- AIS Message Type: MSG 1 (MMSI, GNSS position, COG, SOG, UTC)  
MSG 14 (MOB ACTIVE or MOB TEST)
- Range: 4 nm typical
- Operating Time:  $\geq 48$  hours
- Activation Method: Manual or water sensor automatic activation
- Positioning Accuracy:  $\leq 5$  m (built-in GNSS positioning)

## ● BATTERY REQUIREMENTS

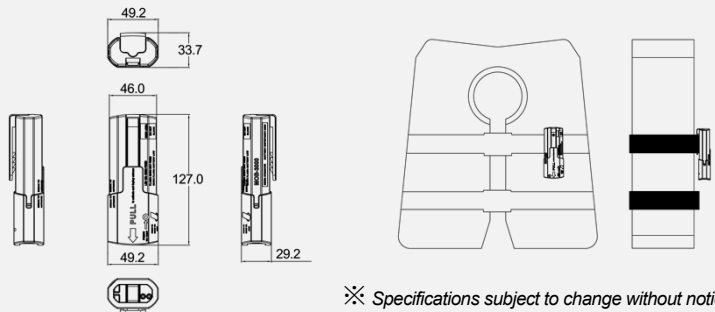
- Storage (Battery Life): max 6~8 years (see expiry date on body of product)

## ● SIZE & WEIGHT

- Size: 127 (H)  $\times$  49.2 (W)  $\times$  33.7 (D) mm
- Weight: 180 g

## ● ENVIRONMENTAL CONDITIONS

- Operating Temperature:  $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Storage Temperature:  $-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Watertight: At a depth of 10m for at least 5 min



- Designed to locate the overboard crew and help for the rescue operation.
- Adopts Automatic Identification System (AIS) technology to transmit the position reports on VHF band continuously. The transmission can be quickly received by the AIS device installed on the mother ship and surrounding ships or approaching helicopter.
- The GNSS in the device makes the accuracy of the position within 5m, which can facilitate locating the target in the sea easily.
- Two operation modes, manual activation and automatic activation by water sensor.
- Test mode is available for daily test with a test pin.
- Can operate continuously for at least 48 hours.
- Can be fixed on the life jacket.
- Conforms to the latest standards, including IEC 61097-14, IEC 60945, ITU-R M.1371-5, IEC 61108-1.