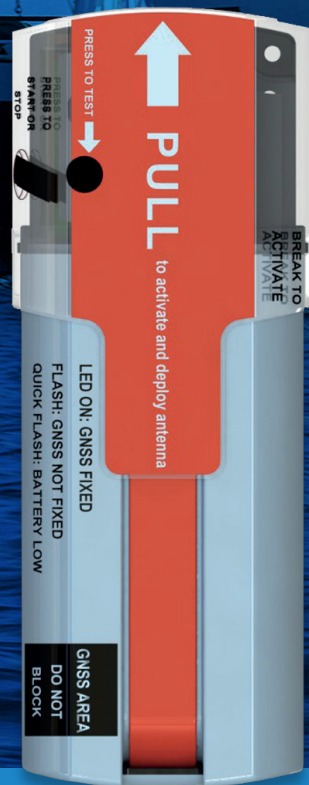# MOB-3000

AIS MOB BEACON

NSR'S NEW GENERATION AIS MOB BEACON

Provides accurate position information to assist fast recovery

of individuals in difficulties at sea

Transmits GPS target tracking information over AIS

Minimum 48 hours continuous operation

Manually and / or automatically activated

Small and lightweight for mounting on a lifejacket

NSR

m a r i n e

MOB-3000
AIS MOB BEACON

Time counts in a man overboard situation. The MOB-3000 can be manually and or automatically activated sending an initial alert to all AIS receivers and plotters in the vicinity.

Features

Designed to locate the overboard crew and help for 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 mother ship and surrounding ships or approaching helicopter

The GNSS in the device makes the accuracy of the position within 5 m, which can facilitate to locate the target in the sea easily

Two operation modes, manual activation and automatic activation by water sensor

Test mode for daily test

Can operate continuously for at least 48 hours

Can be fixed on a life jacket

Conforms to the latest standards including IEC 61097-14, IEC 60945, ITU-R M.1371-5 and IEC 61108-1

Specifications

Performance
Frequency: AIS 1 (CH2087), AIS 2 (CH2088)
Frequency error: ≤ 0.5 kHz
Power: 1 W
Transmit antenna: Sprung whip
AIS Message Type: Message 1 (MMSI, GNSS position, COG, SOG, UTC), Message 14 (MOB ACTIVE or MOB TEST)
Range: 4 nm typical
Operating Time: ≥ 48 hours
Activation method: Manual or water sensor automatic activation
Positioning accuracy: ≤ 5 m (built-in GNSS positioning)

Battery
Battery Voltage: DC 6 V
Capacity: 1500 mAh
Storage Temperature: -30°C ~ +70°C

Environmental
Operating Temperature: -20°C ~ +55°C
Waterproof: IP67

Physical
Size: 130(H) × 50(W) × 35(D) mm
Weight: abt 180 g

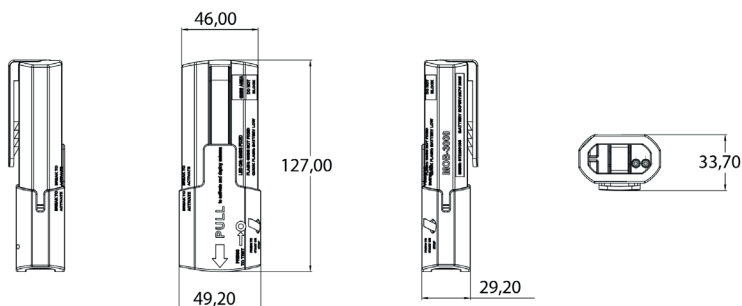**Deployment**
Handsfree: Belt clip
Handheld: Security lanyard

Equipment list

Standard
MOB-3000 AIS Beacon
Carrying pouch

Dimensions

46,00
127,00
49,20
29,20
33,70

Distributor

Manufacturer

New Sunrise Co., Ltd.

nsrmarine.com

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