AIS Identifier for small vessel / AIS Fishing Net Tracking Buoy

MODEL: HAB-80
HAB-120
HAB-120S

Feature:
- Professional reliability RF performance
- Integrated GPS antenna and VHF antenna sealed inside toughened outer shell
- Transmits Full AIS messages
- Configurable transmit intervals, can connect to PC to program the MMSI data, Vessel name etc. data with programming kit
- Can set up password, the MMSI and vessel name can’t be changed without the password, in case the product was lost or stolen, it can be easily find out once it be used
- Built-in rechargeable battery with more than 240 hours
- High-level waterproofing protection up to IPX7
- SOS button for Safety Boardcast Message “MAYDAY MAYDAY MAYDAY” (For HAB-120S only)

Proved Performance
- Up to 12nm range long distance for tracking, idea for tracking small vessel or fishing net
Application

Wanting for an accurate location of your fishing net? Wanting to save your time and fuel to find your net?

Self developed AIS Fishing Net Tracking Buoy, allows you to get an accurate location at night, in rain, and fog. Don’t worry about losing your fishing net anymore!

![AIS Buoy](image)

HAB-80 AIS Fishing Net Tracking Buoy unit uses advanced AIS technology to transmit the combined data that include the unique ID and the position of a net. And the data can be received effectively by the vessel equipped with AIS device, then easily recognized and find back the nets with HAB-80. Also it can avoid collision accidents by other boats.

Remark:

HAB-80: 5W, 8nm, Orange
HAB-120: 8W, 12nm, Yellow
HAB-120S: 8W, 12nm, Yellow, SOS button

Specification

- **Standards:**
  - IEC62287-1:2006-03
  - IEC60945:2002
  - ITU-R M.1371-2
- **Position update:** every 3 minutes
- **Working frequency:** 161.975 MHz / 162.025 MHz
- **Output power:** 34.8dBm±3dBm
- **Channel bandwidth:** 25 KHz
- **Modulation mode:** GMSK
- **Bit Rate:** 9600b/s±50ppm(GMSK)
- **Dimension:** 330 mm x 90mm
- **Weight:** 0.5 KGS
- **Battery:** 8.4V, 4000mAh; rechargeable
- **Working time:** More than 240 hours
- **Antenna:** Built-in VHF/GPS antenna
- **GPS Module:** IEC61008-1 standard
- **Working Environment:** -20°C ~ 55°C
- **Waterproofing:** IPX7

**Equipment List:**
- Tracking Buoy unit
- Battery recharger