Matsutec®

AIS Identifier for small vessel / AIS Fishing Net Tracking Buoy

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

AIS BUOY

Feature:

► Professional reliability RF performance
► Intergrated 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 ase the product was lost or stolen, it can be easily find out once it be used
► Built-in rechargeable battery with more than 240hours
► 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
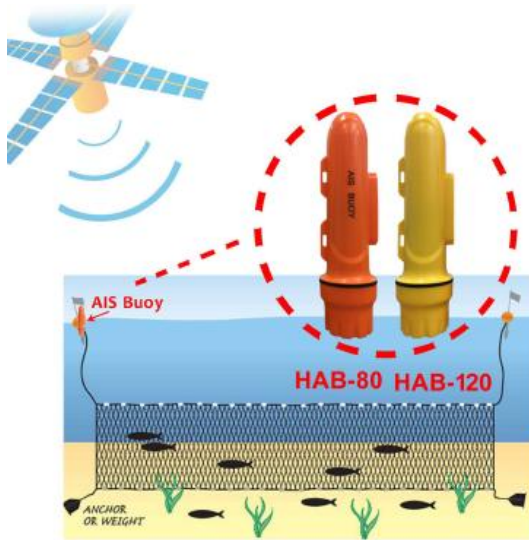
NEW VERSION with SOS

Innovation for marine

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

HAB-80 HAB-120

ANCHOR OR WEIGHT

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:	161.975MHz / 162.025MHz
Output power:	34.8dBm±1.5dBm
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:	IEC61108-1 standard
Working Environment:	-20C – 55C
Waterproofing:	IPX7

Equipment List:
Tracking Buoy unit
Battery recharger