

# NAN-1000

## AIS AtoN STATION (TYPE I)

- Full COMPACT Design
- No outside GPS or VHF antenna
- Very low power consumption



**AIS AtoN STATION has not ever been difficult to install since NAN-1000 was launched.**

AIS AtoN station is used for light monitoring from the authorities. In addition, AIS AtoN station's transmission can also be received by shipborne AIS to learn the position status of the AtoN.

As Type I defined by IALA, NAN-1000 is specially designed to be used for buoys, which carries limited batteries to supply any additional electronic equipment. It can also be used on langby, light vessel and big rigs at sea.

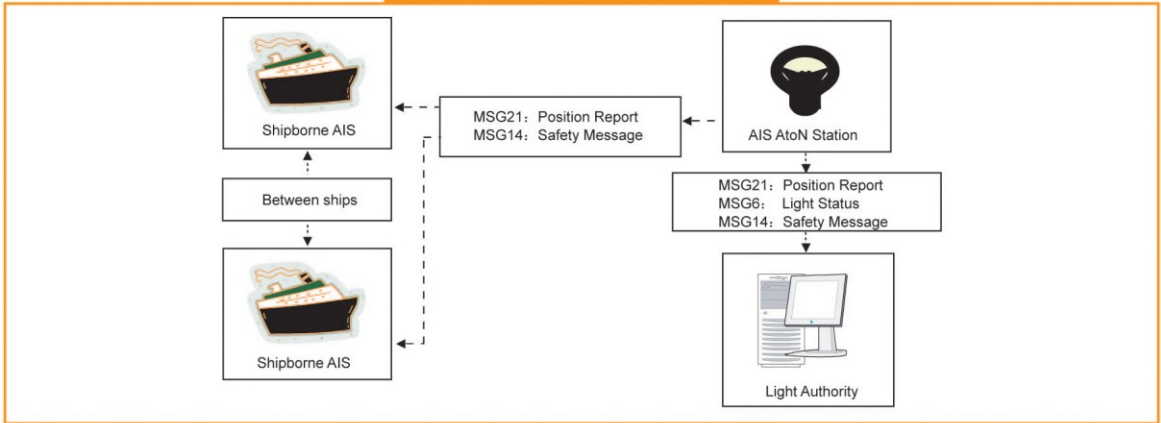
NAN-1000 is a standalone unit with built-in GPS antenna and VHF antenna. NAN-1000 is water-tight itself.

Type I AIS is transmit-only, without any receiver process, which operates only at slots preserved by AIS base stations.

Such AIS can only installed within the coverage of base stations. NAN-1000 conforms to the international standards such as IALAA-126, IEC 62320-2, ITU-R M.1371-5.



## MESSAGE FLOW



## SPECIFICATIONS

<b>Frequency Range:</b>	156.025~162.025MHz	<b>Power Consumption:</b>	25~40mA (12V)
<b>Default Channels:</b>	CH2087 (161.975MHz) CH2088 (162.025MHz)	<b>Interface:</b>	RS232 port NMEA0183
<b>Communication Mode:</b>	FATDMA	<b>Slot Used:</b>	One single slot
<b>Receiver Number:</b>	0	<b>Working Temperature:</b>	-20~+70℃
<b>Message Type:</b>	MSG 6、MSG 21 (default)	<b>Power Supply:</b>	Nominal 12VDC
<b>Transmission Interval:</b>	3~255 minutes (to be configured)	<b>TX Channels:</b>	2

## SYSTEM DIAGRAM



## SIZE DIMENSION

