

AIS Type IIS



ATON



AIS Beacon Type IIS is designed to operate in conformance with ITU-R M.1371, IEC62320-2 (CDV) and IALA Recommendation A-126 on the use of the Automatic Identification System (AIS) in Marine Aids to Navigation. The module supports AIS VDL messages 6, 8 and 21.

Message selection and transmission schedule is user configurable.

It is designed for battery and solar installations and have an power consumption less than 0.7W @ 12V.

Installed on an AtoN, is provided to both the mariner and authority.

This information includes;

- AtoN's identification (MMSI).
- Name of AtoN.
- On or Off position indication
- Position accuracy
- AtoN type and size.
- Telemetry, meteorological and hydrological data will be broadcast if interfaced to the appropriate sensors.

AIS Beacon Type IIS is capable of third party integration (LED Flashers, Lantern / Lamp changers, solar load, etc.).

In addition to supplying AIS information, it can also be used to provide a remote monitoring system. Message 21 could include telemetry statuses, using the regional or local application data field. Internal event setting can be used, which is user configurable. Additionally message 6 and 8 could be used for this purpose.

SPECIFICATIONS

Application	: ATON – Offshore oil/gas rig – Offshore Windfarm
IP Rating	: IP67
Power Supply	: 12-24 Vdc
Temp range	: -25°C to +55°C
Power Consumption	: 0.1Ah/day
Interface	: USB for configuration
Diameter	: 1235mmx188mm
Weight	: 1,2KG

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