

CARBON AtoN Express

TYPE 1 AtoN for fast deployment



The Aton Express is the latest fully certified and integrated Type 1 AIS AtoN with internal rechargeable battery. Designed for quick and easy deployment on even the smallest buoys or e.g. fishing tools, fish farms, etc.

Able to operate for over 5 days between charges or connect directly to an external power source for permanent installations.

Unique secure quick fit bracket system.

Please note that an MMSI number must be programmed in the unit.

Apply for an MMSI number at your local authority (as you would for an MMSI number to a "regular" AIS transponder).

KEY FEATURES

- Ultra low power consumption
- Internal rechargeable battery
- Easy to install quickly and securely on any buoy
- Simple installation with no wiring
- Internationally certified - AIS AtoN Type 1
- Integrated and protected GPS & VHF antennas

TECHNICAL FEATURES

Physical Specification

Dimensions: 375x67mm max, 14.8"x2.6" (H x D)
Weight: 350g, 12.3oz (Aton Expr. unit only)
Mounting bracket,
Min/Max pole diam.: 25-55mm, 1"-2.2"

Electrical Specification

Power supply: Built in 2100mAh Lithium-Ion battery pack.
Operating time: Up to 5 days operation at 5 minute reporting interval
Optional: External power supply (12-24VDC)
Power consumpt.: External supply <0.5Ah / day with 5 minute position reporting interval.

Interfaces

USB: For Configuration only.
Optional: External power supply connection.

VHF Transceiver

Transmitter: 1
Frequency: 156.025 to 162.025MHz in 25kHz steps
Radiated power: 1W

GPS Receiver & Antenna

Channels: 50
IEC 61108-1: Compliant
Internal GPS antenna: Yes

Standards Compliance

AIS: IEC62320-2 Edition 1 2008-03
IEC standard, AIS AtoN Stations
ITU-R M.1371-5
Universal AIS Tech. Characteristics
Environmental: IEC60945:2002-08
GPS Performance: EC61108-1:2003-07
Product Safety: EN60950-1:2006, +A11:2009
+A1:2010, +A12:2011
IALA: A126

AtoN Function

Type 1 FATDMA Operation: Yes
Message #21 transmission: Yes

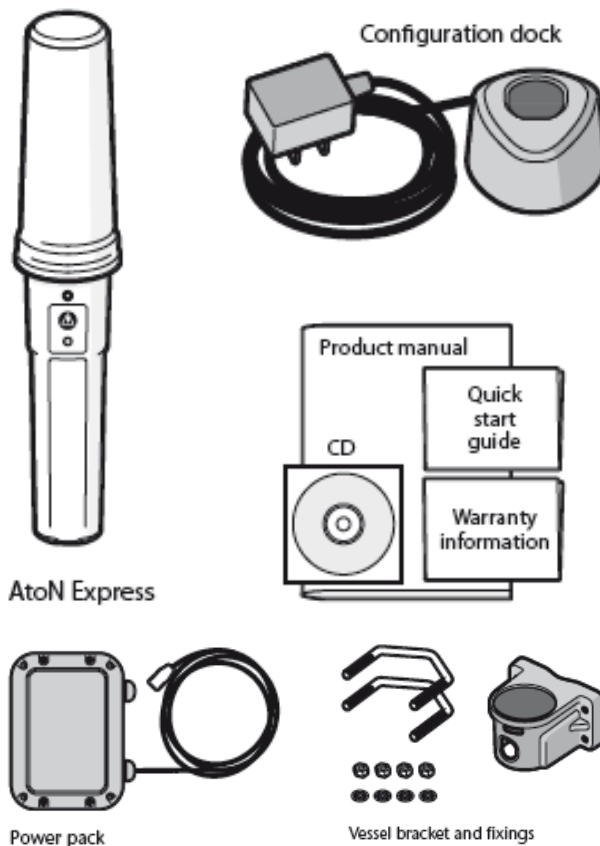
Environmental

Waterproof: To IPx7
Operating temperature: -15°C to +55°C

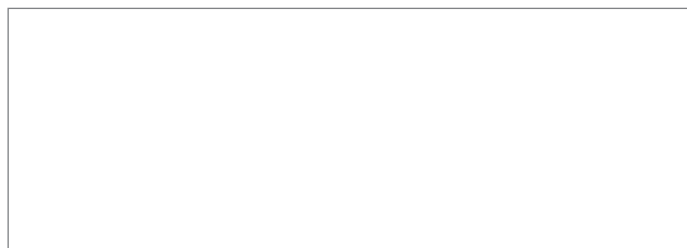
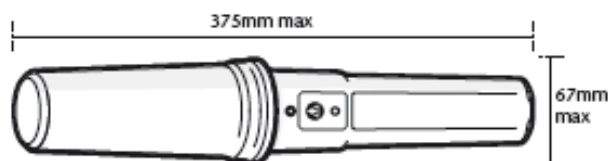
Supplied with:

- User and installation guide
- Mounting bracket and fixings
- Charger and USB config. dock
- DC power adapter with 6m cable

What's In The Box



Dimensions



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