



AtoN Express Aid to Navigation

Product Type: Standard OEM

Fully certified and integrated Type 1 AIS AtoN with internal rechargeable battery. Designed for quick and easy deployment on even the smallest buoys. 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.

- Simple installation with no wiring
- Integrated and protected GPS & VHF antennas
- Internal rechargeable battery
- Ultra low power consumption



Easy to install quickly and securely on any buoy



Ultra low power consumption



Internationally certified - AIS AtoN Type 1

Branding

Our OEM products are supplied fully branded as per your specific requirements.

This includes the product, all manuals and packaging such that upon arrival they are instantly ready for you to ship to your customers.

Customisation

SRT products offer unmatched capability to be customised for specific applications and markets. Additional features and functions can be specified and implemented and range from the simple to complex encryption and messaging features.

Certification

This product is fully tested and certified to the relevant international standards and product specifications. As part of the OEM customisation process into your brand, international certification can be transferred into your brand name within a matter of weeks.



Physical Specification

Dimensions	375mm x 67mm max. (H x D)
Weight	350g (AtoN Express unit only)
Mounting bracket	Min / max pole diameter: 25mm to 55mm

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 to 24VDC)
Power consumption	External supply <0.5Ah / day with 5 minute position reporting interval

Interfaces

USB	USB for configuration only
Optional	External power supply connection

VHF Transceiver

Transmitter	x 1
Frequency	156.025 to 162.025MHz in 25kHz steps
Radiated Power (EIRP)	1W

GPS Receiver & Antenna

Channels	50
IEC 61108-1	Compliant
Internal GPS antenna	✓

Standards Compliance

AIS standards	IEC62320-2 Edition 1 2008-03 IEC standard, AIS AtoN Stations ITU-R M.1371-5 Universal AIS Technical Characteristics
Environmental standard	IEC60945:2002-08
Product Safety	EN60950-1:2006, +A11:2009 +A1:2010 +A12:2011
GPS performance standard	IEC61108-1:2003-07

AtoN Functions

Type 1 FATDMA operation	✓
Message #21 transmission	✓

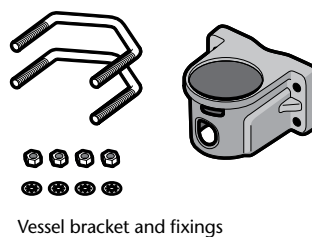
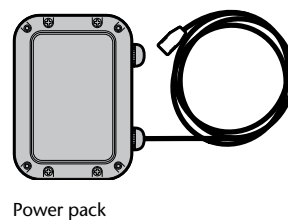
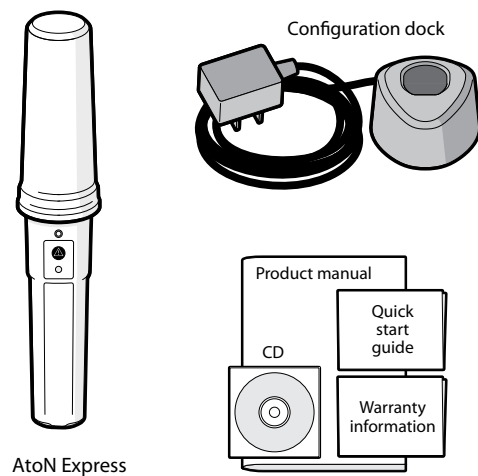
Environmental

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

Supplied With

Mounting bracket and fixings	✓
User and installation guide	✓
Charger and USB configuration dock	✓
DC power adapter with 6m cable	✓

What's In The Box



Dimensions

