

## EXPRESS - AIS TYPE 1 ATON TRANSCEIVER AID TO NAVIGATION

Product Type: OEM White Label

Fully certified Type 1 AIS AtoN Express with internal rechargeable battery and integrated VHF and GPS antennas.

Designed for quick and easy deployment on even the smallest buoys. Able to operate for over 30 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 – up to 30 days continuous operation
- Ultra low power consumption with optional connectivity to external power sources
- Ruggedised, IP66, IP67 certified



Easy to install quickly and securely on any buoy



Ultra low power consumption



Internationally certified - AIS AtoN Express 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	Available on configuration dock
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

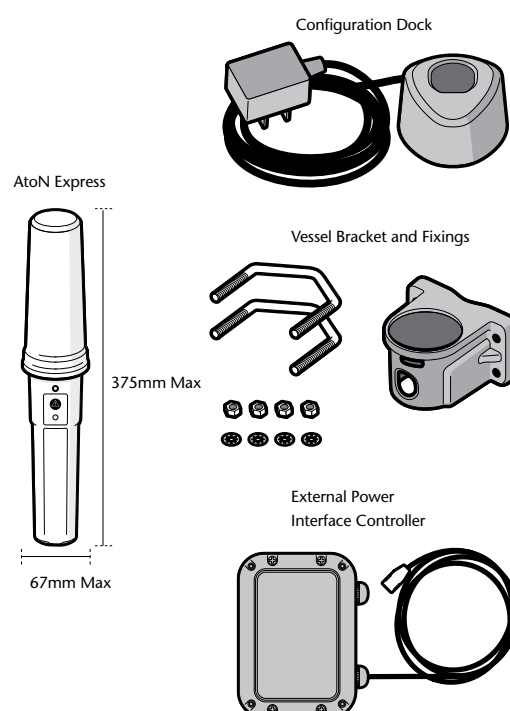
## AtoN Express Functions

Type 1 FATDMA operation	✓
Message #21 transmission	✓

## Environmental

Waterproof	IP66 IP67, IP68
Operating temperature	-15°C to +55°C

## What's In The Box



201-0800:1

SRT enhances maritime domain awareness by developing and manufacturing tracking technology and system solutions for individual vessel owners, port authorities, maritime infrastructure owners, coast guards and national security agencies around the globe. Applications include the tracking of commercial and leisure vessels; sustainable fishery; anti-collision; search and rescue; waterway management, port and coast security; pollution management and environmental management.

Contact us now for your OEM requirements:

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