

Unique on the **market**

BlueTraker® SSAS

BlueTraker® SSAS Arctic



World's only SSAS terminal
engineered for Arctic voyage!
Cold start capable down to
-55° Celsius!

All electronic and mechanical
components specifically selected for
low temperature operation!

Key Benefits

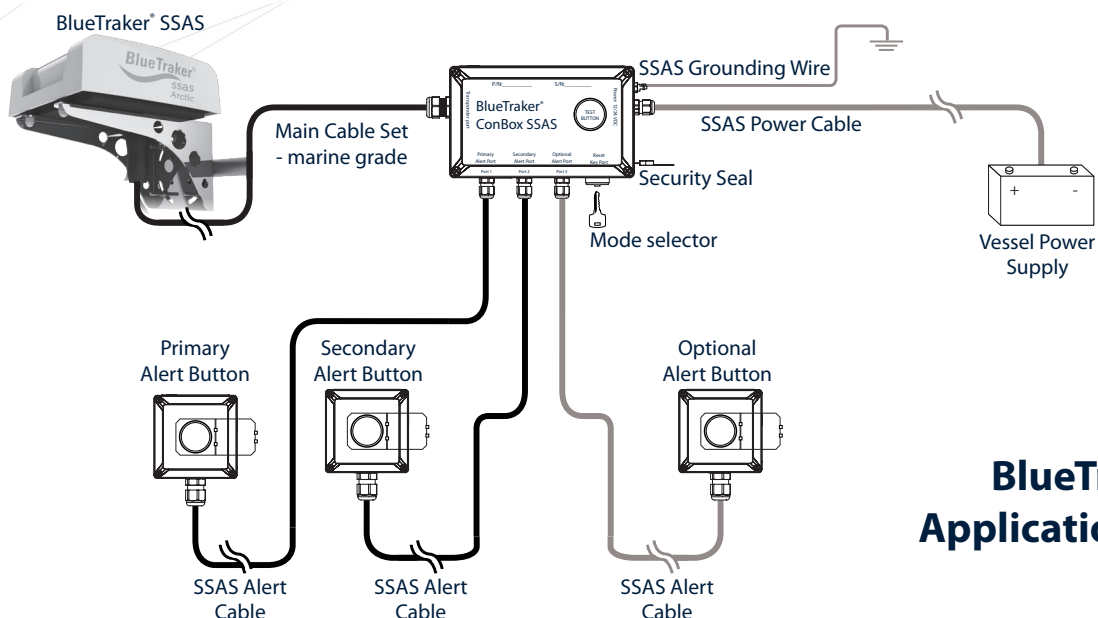
- True global coverage.
- Suitable for arctic voyage.
- Fully integrated design, easy to install.
- Various mounting and installation options
- Low total lifecycle cost.
- Easy integration with application software.
- Provided web based GUI for device monitoring and configuration.

Key Features

- Iridium Satellite network offering A4 Sea Area coverage.
- Arctic model is capable of cold start down to -55°C!
- Rugged outdoor housing.
- Integrated GPS receiver.
- Positions logged to internal memory.
- Integrated backup battery.
- Low-power mode for extended life on backup battery.

General

BlueTraker® SSAS terminal is above deck device with IP68 and IP69K environmental protection, integrated antennas, 5000mAh LiPoly Backup battery, bottom connector, supply power 8V-36V(DC), external alert button digital inputs, RS485 interface.



BlueTraker® SSAS
Application Diagram

BlueTraker SSAS (Arctic) feature checklist

Highlights	Features and capabilities
True global coverage	<ul style="list-style-type: none"> ✓ Iridium satellite network ✓ Sea Area A4 coverage
Engineered for cold environment	<ul style="list-style-type: none"> ✓ Capable of surviving temperatures down to -55°C at polar regions ✓ Double shell-ventilated housing combats accelerated cooling in windy environments ✓ Smart thermostatic temperature control for "Cold State Power-up" ✓ Special, arctic grade power supply cable
Simple yet comprehensive user interface	<ul style="list-style-type: none"> ✓ Primary SSAS alert button ✓ One or more secondary SSAS alert buttons ✓ Alert message indicates wheather primary or secondary button was activated ✓ Operation mode selector (test mode/normal mode) ✓ Protection against unintentional alert triggering
Inherent safety and security	<ul style="list-style-type: none"> ✓ Mechanical, electrical and electromagnetic safety and security features ✓ Unique serial number engraved on the housing ✓ Tamper detection built-in ✓ Antenna blockage detection ✓ Security seals to evident unauthorized access ✓ Main cable open loop and short circuit detection ✓ External power failure tolerant due to back-up battery ✓ System diagnostics reports
Complete SSAS solution	<ul style="list-style-type: none"> ✓ BlueTraker® SSAS terminal ✓ ConBox SSAS ✓ Primary and secondary alert buttons ✓ Mounting accessory (UniMount or RailMount) ✓ Includes main cable and alert cables (various lengths)
Benefits to ship owners	<ul style="list-style-type: none"> ✓ Web based management platform ✓ Data service subscription available ✓ Web based fleet tracking application

BlueTraker SSAS models comparison chart

Terminal features	SSAS	SSAS - Arctic
Regular position reporting over Iridium satellite network	✓	✓
SSAS alerting	✓	✓
Integrated GPS antenna	✓	✓
Poll support	✓	✓
Smart thermostatic temperature control		✓
Cold start from - 55 °C		✓
Smart firmware for Arctic operation		✓
Arctic grade power supply cable		✓
Electronic components selected for extended temperature range		✓

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 **iridium**

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