



SIRIUS One - LRIT

A dedicated, standalone LRIT transceiver to satisfy your LRIT compliance needs globally, including A4 regions. Give peace of mind to the ship operator with this complete solution from Pole Star.

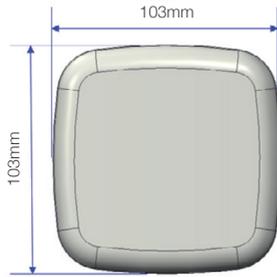
polestarglobal.com/sirius

The Pole Star SIRIUS One - LRIT solution has been developed with Polaris Electronics A/S, combining a vast array of customer feedback, along with the hard earned experience gained from years of deploying of high tech hardware in the maritime environment. Robustness, reliability and low cost were the focus points during the design of this global LRIT solution.

Utilising the Iridium satellite network as well as a cutting edge low powered combined GPS and GLONASS module, SIRIUS One delivers an excellent solution to satisfy ship operators obligations for LRIT compliance. Iridium Satellites provide not only true global tracking and connectivity, but also relieve you from the constraints of the geo-stationary satellites that limit the placement of the transceiver on-board vessels.

- **Compact and lightweight**
- **Simple installation - Just add power for standalone operation**
- **Fits directly on a 1"-14 pipe**
- **Report format complies with LRIT**
- **Comes with a free Pole Star LRIT test code**

Please check with your Flag to ensure Pole Star is an approved LRIT testing ASP for them.



Front View



Side View



Fully self-contained transceiver



Built in GPS and GLONASS antenna



Built in Iridium antenna



Heater for sub-zero charging



Internal temperature sensor



LED status on the bottom of the transceiver



Internal battery operative for up to 24 hrs

Power consumption @ 24 VDC

RX mode < 250mA

TX mode < 2A

Power save < 50mA

Nominal Power range

12 VDC - 24 VDC

Temperature range

-40°C to + 80°C storage

-25°C to + 50°C operation

Weight

290g without battery

390g with battery

Approvals include

FCC, CE, IEC 60945, Iridium, IP67

Interfaces

Wi-Fi access point*, ethernet, RS232/

RS485, USB, IO pins, CAN-Bus

* Wi-Fi is the only connection available without the connection box installed. For more information contact us.