



**SKYTRAC RockAIR**  
 Portable Tracking System with Built-In  
 Cellular and Iridium Satellite Connectivity



Compact carry-on tracking system for secure aircraft position tracking via Iridium and cellular communications.

The RockAIR is a truly global tracking and messaging device designed for use on the dashboard of light aircraft, rotorcraft and land-based vehicles. A cost-effective and global method of communicating with your assets, the RockAir ensures safety through location-based tracking anywhere from pole-to-pole.

RockAir has built-in cellular and Iridium radios, allowing for the use of terrestrial mobile phone networks, which dynamically switches to the Iridium satellite network when cellular is not available. The small form factor unit can be easily mounted using a quick-release mount that enables carry-on installation in seconds.



**Discover SKYTRAC**

Over its 35 year history, SKYTRAC has become the partner of choice for data-guided business insights. As an Iridium Aviation Partner, SKYTRAC is well-positioned to leverage Iridium Certus broadband to provide operators with leading capabilities.

**Key Figures**

<b>SATCOM Expertise</b>	35+ Years
<b>SKYTRAC Customers</b>	800+ Customers
<b>Systems Certified</b>	900+ Airframes
<b>Global Presence</b>	7 Continents / 100+ Countries



SKYTRAC is part of the ACR Group of companies.

## PRODUCT OVERVIEW



## TRACKING

The SKYTRAC RockAIR can automatically transmit a GPS position as often as once every 15 seconds, or as slowly as once every 24 hours.

By default, the RockAIR uses 4G/LTE cellular networks globally in regions supporting 4G areas and will switch to Iridium only when necessary.

### The device also allows tracking profiles to be set up for:

- Different report frequencies
- Changes in behaviour (e.g. following an alert button press, if external power is lost)
- Separate cellular or Iridium transmission profiles

### Logging

Position and diagnostic data is configurable for the internal logging interval of your choice.

## POWER

The SKYTRAC RockAIR is designed to be attached to the main power at all times. If you are powering the RockAIR using the Micro USB cable, it is important to use a reputable USB power supply which can provide at least 1.3 A @ 5V DC.

The SKYTRAC RockAIR also features an internal rechargeable battery that's used in the event of external power loss.

### Backup Battery

The SKYTRAC RockAir can be powered using a built-in Li-Ion Polymer battery, and will operate for up to 4 hours from a full charge.

## MESSAGING

The RockAIR connects to your smartphone or tablet using the RockCONNECT app. You can use this app to send and receive messages.

### Alerting

The dedicated Alert button notifies your first responders with a message about your precise location.



For more information, contact a connectivity expert at [sales@skytrac.ca](mailto:sales@skytrac.ca)

# SKYTRAC ROCKAIR DATA SHEET

## FLEET TRACKING AND MESSAGING

Truly Global Coverage via Iridium® with configurable transmission rates

Built-in 4G/LTE Cellular capability with dynamic switching to the Iridium® satellite network when needed.

Push-button functions including Power On/Off, Watch Me , Mark Waypoint, and Alert



Advanced connectivity with Bluetooth API, RS-232 port for M2M data, and 4 external switch inputs/alerts

## PRODUCT HIGHLIGHTS

- Autonomous tracking via Iridium satellite and cellular
- Truly global 2-way communication system from anywhere on Earth
- 5V USB Power with Optional 8-32V MOLEX
- Internal Battery Backup, allowing for up to 4 hours of operation per 2 minutes of reporting from full charge
- Over-the-air reconfiguration of key parameters such as tracking frequency

## PRODUCT SPECIFICATIONS

### DIMENSIONS (W x L x H)

100 mm x 199 mm x 25 mm  
(3.9 in x 7.8 in x 1 in)

### WEIGHT

210 g  
(0.46 lbs)

### OPERATING TEMPERATURE

-30 to +60 deg C

### OPERATING ENVIRONMENT

<75% Relative Humidity

### POWER REQUIREMENTS

- 9-30v DC input, or
- 5V 1850mA Micro-USB input
- Built-in backup battery

### ENVIRONMENTAL TESTS

DO-160 Revision G

### Note:

While the RockAIR has been tested to meet typical DO-160 environmental conditions, it is not certified for fixed installation on any airframe. It is intended to be used as a portable device at the discretion of the operator and/or pilot.

### EXTENSIBILITY AND M2M

- Bluetooth API for custom apps
- RS-232 port for M2M data
- 4 external switch inputs/alerts

### CERTIFICATIONS

CE, IC, FCC, DO160

### COMMUNICATION

- Iridium SBD via 9603 short burst data (SBD) transceiver
- 4G/LTE Cellular Network support

Specifications subject to change. Contact [sales@skytrac.ca](mailto:sales@skytrac.ca) for latest revision.