Production Information:

RockAIR

The RockAIR is a portable dash mounted device providing truly global communication for aircraft, rotorcraft and land based vehicles. It offers affordable high-resolution tracking, two-way messaging and emergency monitoring and alerting via the Iridium satellite and cellular networks.

Key features of the RockAIR

Dual Satellite/Cellular Tracking for Greater Situational Awareness
With built in LTE-M, NB-IoT and 2G the RockAIR seamlessly switches between cellular phone and the Iridium satellite network keeping you covered wherever you are but also keeping costs down.

Automonous Tracking
Tracking cadence is customizable – as quick as 15 seconds in cellular or up to 24 hours. Alternative tracking profiles can be set up to suit your use.

Reliable Two-Way Messaging for Enhanced Communication
Regardless of location you can stay in touch with two-way messaging through either SMS or short email messages paired through the RockCONNECT app.

Emergency Response
Easily accessible Red Alert Button and Watch Me function gives you peace of mind that you are being monitored if a crisis hits.

Back Up Battery
The RockAIR runs on a 9-30V external supply but also has back up battery providing up to 2 weeks of power. Again giving peace of mind in a crisis situation.

Compact, strong and adaptable
The RockAIR is designed to be compact and portable with several easy mounting options. This allows you to use the device among different vehicles or aircraft.

Specifications

Technical Data

Connectors
USB, 4-way Molex Micro-Fit (power),
6-way Molex Micro-Fit (input), Optional
SMA for external antennas

Inputs
USB serial, Bluetooth, five configurable
digital inputs, RS232

Outputs
RS232

Buttons
Power/Suspend, Monitor, Mark,
Distress/Distress Cancel

Indicators
LED indicators for each button, External
Power LED, Bluetooth LED

Sensors
GPS, Accelerometer, Thermometer, Power
loss, Impact

Satellite Network
Iridium SBD via 9603 short burst data
(SBD) transceiver

Cellular Network
LTE-M, NB-IoT and 2G

Power Requirements
9-30V input

Li-Ion polymer battery backup

Certifications
CE, IC, FCC, DO160

Product Specifications

Dimensions
100mm × 119mm × 25mm
(3.9" × 4.7" × 1.0")

Weight
210gm (8oz)

Packaging includes
RockAIR, quick release clip, micro USB
cable, dual lock velcro strips and quick
start guide.

Running Costs

Line rental is paid in blocks of 1 month, and
allows the RockAIR to exchange information
with the Iridium satellite network. You only pay
for months in which you wish to use the
RockAIR. No annual contract is required.

Line rental includes access to The CORE
management system for monitoring your
devices.

Extra Details

Compact design
(100x119x25mm)

Velcro easy to
attach straps

Watch mode
activate for
abnormal activity

Low profile
non glare design

Easy to attach
to dash

Red alert button
sends alert to
your provider

Accessible front
mounted buttons

Waypoint mark
mark an interesting
feature or IP

*Please note, whilst our pay-as-you-go tariffs offer great flexibility for infrequent users and small deployments, we know they are not suitable for everyone. If you are planning a large deployment of devices (100+) and are willing to commit to airtime contracts of 12 months or more, please get in touch. We have access to various tariffs which may suit you better.