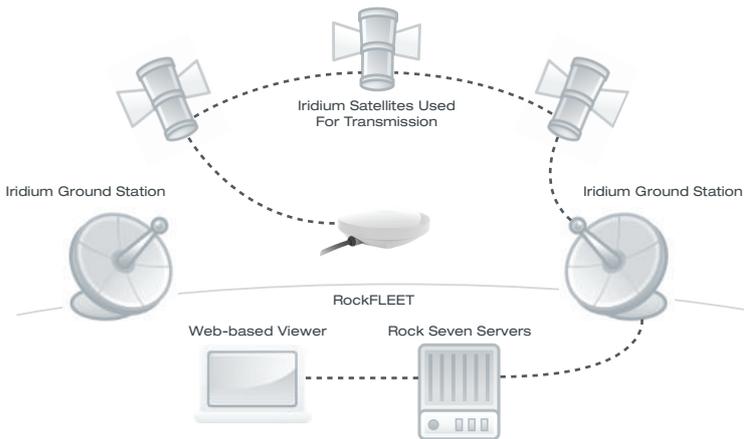


How does the RockFLEET work?



The RockFLEET allows you to track the position of your assets, and send and receive short messages from anywhere on Earth with a clear view of the sky. It can transmit using either GPRS or Iridium satellite, and works far beyond the reach of standard WiFi and GSM networks.

Maybe you want to track your assets wherever they go? transmit weather information from mid-ocean? Or use it to control your robot in the middle of the desert? Perhaps you need to communicate in an emergency, when other networks might not be available? RockFLEET can help you.

At the heart of RockFLEET is an Iridium 9602 modem. The RockFLEET hosts the 9602 and provides it with an antenna, and its power supply requirements. Various options are provided for allowing you to communicate with your own systems, via RS-232, Bluetooth LE and more.

Iridium is the only satellite network that allows transmission of information from any point on Earth – other networks have no coverage in the polar regions, and have intermittent or no coverage in other marine and land areas.

Iridium has 66 satellites in orbit around the Earth, allowing coverage anywhere on Earth 24 hours a day, 7 days a week. No other satellite network has truly global coverage. Messages sent via Iridium take just seconds to reach you, via e-mail or directly to your web-service.

Physical Properties

RockFLEET Unit	120mm diameter x 50mm high
Mounting Options	various (please ask)
Cable Options	3m 9-30v (can be varied)

Environmental Properties

Storage Temperature	-40 to 85 deg C
Operating Temperature	-30 to 60 deg C
Operating Environment	< 75% Relative Humidity
Testing	Rugged Unit - Sealed against dust and water ingress to IP68

Power

Input voltage	DC (9-30v)
Power Consumption	500mA max, plus very low current sleep mode (< 30mA)

Communication

Iridium Modem	9602 short burst transceiver
Iridium Antenna	Maxtena 1621 patch antenna

Product Options

GSM, serial communications, Bluetooth LE
9-30v power input, various mounting bracket options

Available From:

For more information, technical product details and PDF downloads please visit our website.

Disclaimers:

The Iridium logo and word, Arduino word, and Raspberry Pi word are registered trademarks or their respective owners.