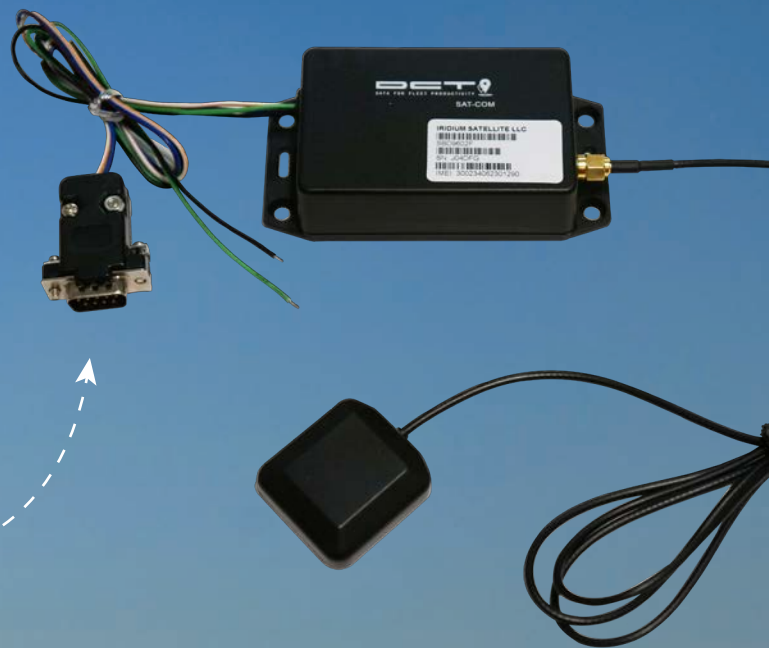


IRIDIUM SATELLITE CONNECTIVITY FOR SYRUS GPS

The Satcom is an external Satellite Communicator accessory to enables Syrus GPS tracking devices with Iridium's truly global data network coverage.

Plug & Connect compatible with Syrus GPS devices and easy to program and manage via Pegasus Gateway - web application – it's the ideal solution for critical scenarios & activities that request reliable, near real time, communication services without depending on a cellular network.

Syrus
GPS



Powered by:



Enhanced Functionality & Features:

- Global operating capability using the Iridium Satellite network
- RS-232 transparent communication with Syrus GPS device / compatible with Syrus three (3)-Port Serial Expander
- Fully programmable / configurable trigger events depending on cellular coverage; automatic switching between 3G/GPRS and Satellite Network for data optimization.
- Two (2) way communication with Pegasus Gateway web server application
- Fully integrated and compatible with Pegasus Gateway Ecosystem for custom script reporting configurations
- Total control of satellite data usage within monthly rate plans
- High gain, low-profile, external Iridium antenna

Physical Specifications:

Unit Dimensions: 4.335 x 2.246 x 1.063" (110 x 57 x 27mm)
Material: GRABS UL 94HB Plastic

Environmental Specifications:

Temperature: Operating: 40°C / +85°C
Storage: 40°C / +85°C
Humidity: Operating: ≤ 75% non-condensing
Storage: ≤ 93% non-condensing

Electrical Specifications:

Operating Voltage: 8V 32V DC
Current Consumption: Idle: 25mA Tx/Rx: 80mA

Satellite Transceiver Specifications:

Ref: 9602SBD
Network: Iridium
Frequency Range: 1616MHz to 1626.5MHz
Duplexing Method: TDD (Time Domain Duplex)
Multiplexing Mode: TDMA/FDMA
Support

Antenna Characteristics:

Impedance: 500hm
Gain (max): 3dBi
Polarization: RHCP
VSWR (max. operational): 1.5:1
Connector: SMA

Mounting:

Screw Mount

Additional Features:

Over the air firmware upgrade
SatCom originated message size 340 bytes Maximum
SatCom terminated message size 270 bytes Reverse
Polarization and transient voltage protection

