

Q9602 MODEM IRIDIUM



ADVANTAGES

- Low latency truly global coverage.
- The smallest and lightest Iridium SDB modem available.
- Low power consumption.
- GPS antenna pass-through.
- AT Command Set.

The 9602 is a short-burst data transceiver designed for use on the Iridium Satellite Network. This tiny two-way transceiver is perfect for use in applications for the rapidly growing M2M market, including remote asset tracking and monitoring solutions.

The 9602's very compact form factor and lower power consumption will offer great flexibility to solution developers as they design the module into their products. Their final product packages can be smaller and less obtrusive, a feature that will be attractive to end users.

A unique feature of the Iridium 9602 is its built-in GPS input/output ports which will permit system integrators to interface with an external GPS receiver, using a single dual-mode L-Band antenna for GPS and Iridium SBD, saving the cost of an antenna in their applications.

TECHNICAL SPECIFICATIONS

Communications – IRIDIUM

Transmit/Receive Freq:	1616 - 1625.5 MHz
Transmit Power:	1.6W
Message Size:	Tx 340 Bytes Rx 270 Bytes
Latency:	20 sec (Typical)

Data Interfaces

3.3v Serial Interface (3 or 9 wire)

Power

External Power Source:	5 +/- .5 VDC
Transmit:	190 mA - 1.5 A
Standby:	45-195 mA

Environmental Specifications & Certifications

Operating Temperature:	-40C to + 85C
Storage Temperature:	-50C to + 85C

FCC Certified

CE Mark

Industry Canada

PHYSICAL SPECIFICATIONS

Size: 1.61" x 1.77" x .51"
(41mm x 45mm x 13mm)
Weight: .06lbs (27.22 grams)



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