



THE LEADER IN REMOTE ASSET TRACKING



Q9612

GLOBAL COVERAGE

- IRIIDIUM

PHYSICAL SPECIFICATIONS

Size: 4.3" x 2.5" x .75"

(109mm x 64mm x 19mm)

Weight: 0.35lbs (159 grams)

QUAKE™ has combined global machine-to-machine (M2M) satellite coverage and native automotive power conditioning in a heavy duty, compact package. The Q9612 is a rugged, power efficient transceiver designed for developers who may already have a solution that includes a controller and who want to incorporate global Iridium® satellite based communications into their application. It is small, basic and provides a simple serial interface which allows solutions to be integrated with minimal development.

The Q9612 provides economical two-way M2M and business-to-business internet communications with land, marine or aviation based assets and equipment anywhere in the world. The Q9612 can cost-effectively retrieve data automatically from isolated power substations or remote metering facilities such as oil and gas supply stations. Mobile assets such as trucks, ships and containers can also be more effectively monitored and managed.

Designed for multiple applications, the Q9612 is a flexible solution that can be utilized by original equipment manufacturers (OEMs), system integrators and low-volume users. This self-contained solution is also a great option for any developer that is facing an accelerated time-to-market requirement.

0200-3210H Q9612 Marketing Data Sheet

TECHNICAL SPECIFICATIONS



Q9612

ADVANTAGES

- AT Command Set Interface.
- Withstands 12V automotive transients.
- Small, low profile footprint.
- 9-18 V input range.

SERVICES AVAILABLE

Technical Support
Software Support
Hardware Support
Guaranteed Warranty
Software Engineering
Application Development



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Communications – IRIDIUM

Transmit/Receive Freq:	1616 - 1626.5 MHz
Transmit Power:	2W
Message Size:	Tx 340 Bytes Rx 270 Bytes
Latency:	30 sec (Typical)

Data Interfaces

RS-232C

Power

External Power Source:	9-18 VDC
Power Consumption:	(12V)
Transmit:	550 - 850 mA (Nominal)
Standby:	80 mA (Nominal)
Sleep:	130 uA (Nominal)

Environmental Specifications & Certifications

Operating Temperature:	-35C to 70C
Storage Temperature:	-40C to + 85C

FCC Certified

CE Mark

Industry Canada