



The Leader in Remote Asset Tracking

Q-GSM

FEATURE SET

- o Global Coverage
 - GPRS/GSM
- o Fully Programmable

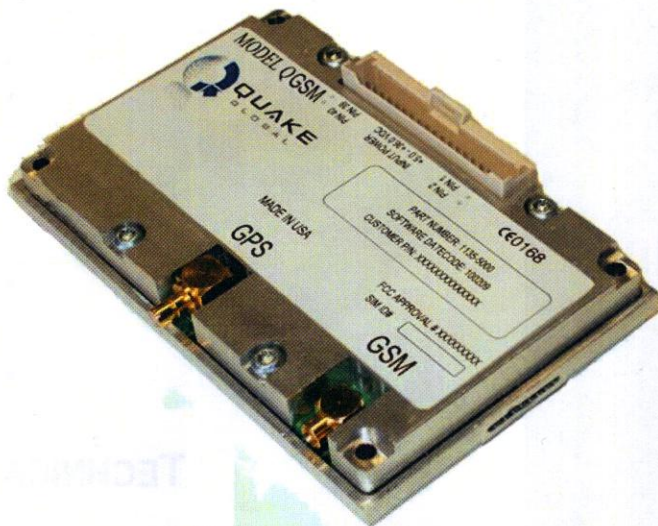
INDUSTRIAL STRENGTH

Withstands extreme shock and vibration levels

Tested to the highest standards

PHYSICAL SPECIFICATIONS

Size: 3.91" x 2.50" x .65"
(99.3mm x 64mm x 17mm)
Weight: 0.3 lbs (136.5 grams)



The QGSM incorporates the latest quad band GPRS technology available in the M2M market today. With its extended input power and operating temperature range, integration could not be made easier. Having "module Approval" makes time to market shorter and cost effective. In addition, the QGSM also "Snaps" directly ON Quake's iQ Series controller to create a powerful and functioning combination of GPS Computing Power, IO's and the most current cellular technology.

The data interface to the module is a RS-232 serial, 2 pin interface. THE DTR line works as the modem's ON/OFF switch. Asserted turns the modem "ON". De-asserted turns the modem "OFF". The QGSM supports a stand AT Command Set Interface.

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QGSM ADVANTAGES



- Fully user programmable.
- Individual inputs can be specifically configured to continuously monitor sensors and to report at selected intervals.
- Alarm conditions can be pre-programmed so it reports the condition automatically and immediately.
- Reports can be generated on a regular schedule, by exception-only reporting, or a combination of both.
- Operates as a stand-alone solution for global asset tracking.

TECHNICAL SPECIFICATIONS

Data Interfaces

2 Serial RS-232C
J1939 Can Bus*

Input / Output

2 Analog Inputs*
2 Digital GPIO's
4 Digital Outputs (RELAY)*

Environmental Specifications & Certifications

Operating temperature
-30C TO +80C GPRS
Storage temperature: -50C to + 85C

FCC Certified
PTC RB Certified
CE Mark

Memory

Flash 2M, 4M*, 8M*
RAM 2M, 4M*, 8M*

Communications – GSM/GPRS

Quad Band Operations
GSM 850/900/1800/1900 MHz
SMTP, POP3, SMS, TCP, GPRS

Power

External Power Source:	5 - 36 VDC
Power Consumption	(12V)
Transmit: GSM	0.4 A
(nominal)	
Standby:	100 mA
Sleep:	10 uA

GPS

50 Channels

Real Time Clock

Programmable Wake Up / Shut Down

* OPTIONAL –See your Quake Representative for details

QUAKE GLOBAL SERVICES

Technical Support
Software Support
Hardware Support
Guaranteed Warranty
Software Engineering

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