

SATELLITE/GSM TRACKER: 9602-GSM

Key Features

- Low-cost
- Light-weight
- Low power consumption
- Iridium and GSM links
- PECOS format
- 10-byte / 30-byte formats
- AES-256 bit encryption
- Geofencing
- Seven I/Os
- Wide input voltage range
- Guarded alert switch
- Motion sensor
- Data logging

Description

The 9602-GSM is a pocket-size tracker designed to operate with Iridium and any GSM network. It is a 9602-LP with an added GSM chip. The 9602-GSM is a self-contained unit relying on an internal controller for operation. It can be attached to high value, un-tethered or non-powered assets such as containers, barges, railcars, or trailers.



9602-GSM Specifications

Mechanical

Dimensions:	3.05" x 2.64" x 0.85" (77 mm x 67 mm x 22 mm)
Weight:	~6.4 ounces (181 g)
Data/Power Interface:	15-Pin D-Sub
Antenna Interfaces:	SMA female connectors
Emergency Switch:	Guarded push-button or remote via the DB-15 connector
Enclosure:	Hard-anodized aluminum (EMI/EMC shielded)

Electrical

Input Voltage Range:	4.0V to 5.3V or 6.0V to 32V
Nominal Input:	5VDC
Power Consumption:	< 65µA in between reports @ 5V
Transmission Mode:	1.12mA-Hr per report

RF Boards

Iridium Transceiver:	Iridium 9602
GSM:	u-blox LEON
GPS Receiver:	u-blox NEO-6Q

Environmental

Operating Temperature:	-22°F to +158°F (-30°C to +70°C)
Operating Humidity:	< 75% RH



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