



VizComm™ F5

Global Assisted-GPS Tracker

The VizComm™ F5 global tracker is a **precision location tracking and sensor monitoring device** that can operate in a variety of environments, including impaired settings such as sealed trailers and containers where most other GPS trackers fail. The VizComm F5 is a **GSM/GPRS assisted-GPS tracker**, designed to leverage assisted location-position technology, augmenting GPS signals with cell tower triangulation to provide real-time location data.

The VizComm F5 tracker features multiple battery options, antenna and sensors options for tamper detection (ambient temperature, light intensity), and variable configurations for optimal battery efficiency e.g., always on, scheduled hibernation, and conditional wake-up settings (i.e., only when moving). Primarily a **portable, battery-powered tracker**, the VizComm F5 tracker has a small form factor making it ideal for covert tracking.

Combined with SensiGuard™ Tracks software, an online track and trace application, the VizComm F5 operates globally, and is an excellent solution for cross-border shipping where GPS signals may not always be available.

Features

- GSM/GPRS worldwide cellular radio communication and location tracking
- Optional external temperature probe is available
- Extended service life with a wide range of battery options
- Hibernation option and other configurations optimize battery life for extended use
- Unit can be configured over-the-air remotely
- Sensors detect motion and tamper evidence
- Remote diagnostic log retrieval
- Signal jamming countermeasures

Multiple Location & Sensor Reporting Modes

- Ping on demand
- Periodic reporting on preset schedule
- One rate while moving, another while stationary
- Start and stop alerts
- Custom sensor upper/lower limits and exception alerts
- Battery status on demand and automatically with location reports



VizComm F5 Specifications	
Size	(L) 3.54" x (W) 2.36" x (H) 0.79" (L) 90mm x (W) 60mm x (H) 20mm
Weight	3.0oz /85.05g with internal battery
Battery Capacity	1.37 Ahr. Lithium-ion (internal) – optional Lithium equivalent weight .474 g 4.0, 10.0 or 20.0 Ahr. Lithium-polymer (external; case recommended)
External Power Connectors	Friction Fit external battery connector (3.4 to 4.3 Volts)
Internal Sensors	Temperature: -4°F to 140°F/-20°C to 60°C Light: + 4 lux from 0 to 254 lux
Motion Detection	3-D Accelerometer enables motion dependent reporting rates and alerts Inferred Motion Status via SensiGuard Tracks
Radio & Network Modes	GSM/GPRS Global Quad band (850, 900, 1800 and 1900 MHz) SMS and TCP command and TCP/IP response (less prone to delays)
GPS Modes & Sensitivity	GPS tracking (-168 dBm) GPS (-148 dBm)
Standards	GSM/GPRS re. 97 (Data) TS 23.040 (SMS)

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