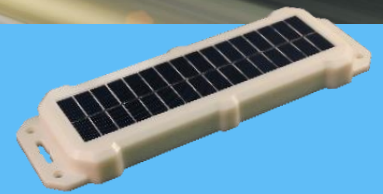




GMS50T-HS GPRS/CDMA/HSPA Series

Renewable Energy Wireless Gateway for Non-Powered Assets Tracking



GMS50T-HS is a cutting-edge GPS and cellular network based wireless gateway for tracking and monitoring of non-powered assets such as trailers, intermodal containers, rail cars, heavy construction and agriculture equipment, etc. Its solar panel with internal rechargeable super-capacitors makes long term or multi-event tracking mobile assets possible. The rugged, low profile and weather proof housing is designed to withstand the harsh environment of

the transportation. It can also accommodate a variety of accessories, such as external iridium modem for dual mode operation, cargo sensors, temperature sensors, door sensors, etc., and offers the ability to track any asset even in the most demanding conditions. GMS50T-HS can be managed through Telitek's Smart Cloud web applications or 3rd party integrator's software platform for tracking, monitoring, and managing.

Features

- * Rugged, low profile and weather proof housing;
- * Superior GPS and Cell RF performance;
- * Smart Solar Charger for SuperCaps;
- * Extremely low power consumption achieved by SMART POWER MANAGER;
- * Extra memory for storing more than 5,000 events;
- * Time-tested and customer proven;
- * Over-the-air firmware upgrade and configuration;
- * All- in-one design and "place & play" features make installation simple;
- * Accommodate a variety of accessories and sensors;
- * Web-based applications with location and status reports;
- * Fully certificated by FCC, IC and PTCRB.

GMS50T-HS Specifications

Electrical

DC Power Input: 6-32V
Internal Rechargeable Battery and SuperCap: 3.6V
Power Consumption: 40uA@ 3.6V Sleep
80mA@3.6V Average

Cell Modem

Quad Band: 850/900/1800/1900MHz
GPRS Multi-Slot Class 10/8
GPRS Mobile Station Class B
Compliant to GSM phase 2/2 F
-Class 4 (2W@850/900 MHz)
-Class 1 (1W@1800/1900MHz)
HSPA/UMTS: All Bands
HSPA data rate: 5.6Mbps Upload
7.2Mbps Download
HSPA Fall back: EDGE/GPRS/GSM Quad Band
EDGE MCS1-MCS9
3GPD Release 6

GPS

SirF Star IV Chip Solution
48 PRN Channels
Super Sensitivity: Tracking 163 dBm
Acquisition 148 dBm
Active Jammer Remover
Self-Assisted CGEE
Accuracy <2.5m CEP

I/O

Internal Cell and GPS Antennas
SIM Internal Access
Two Inputs and One Output
One RS232 for 3rd party Device Connection

Environmental

Working Temperature: -30°C to 75°C
Storage Temperature: -40°C to 85°C
Humidity: 95% RH @50°C Non-Condensing
Shock and Vibration: SAE J1455
Water Proof Housing: IP67

Mechanical

Dimension: 9.0x2.9x0.8in
Weight: 250g

Optional Accessories

Internal Bluetooth 4.0/External Iridium Modem
Trailer Cargo Sensor
Trailer Door Sensor

Certifications

Fully Certified: FCC, IC, CE, PTCRB Carrier Approval

All specifications are typical and subject to change without notice.

TELITEK WIRELESS INC. IS A TURN KEY TELEMATICS AND M2M SOLUTIONS PROVIDER, CUSTOMERIZED HARDWARE, FIRMWARE AND SOFTWARE DEVELOPMENT AVAILABLE AS YOUR REQUEST.

Telitek Wireless Inc.

561 Edward Ave. unit 3, Richmond Hill Ontario L4C 9W6 Canada
www.telitek.ca

T: +1 905 237 6341 F: +1 905 237 4341 Email: telitek@telem2m.com

