

FLEETTRACKERS product specifications

FT100

PORTABLE ASSET TRACKING SOLUTION

FT100-PORTABLE

series



GL100 GPS GSM Tracking Device

GL100 is a powerful GPS Locator which is designed for vehicle, pets and assets Tracking. With superior receiving sensitivity, fast TTFF and GSM frequencies 850/900/1800/1900. Its location can be real time or schedule tracked by backend server or specified terminals. Base on the embedded GL100 can communicate with the backend server through GPRS/GSM network, transfer reports of Emergency, Geo-fencing, Lower power and scheduled GPS position etc... Service provider can easy to setup their tracking platform base on the functional @Track protocol.

Specifications:

- Frequency Quad-Band: 850/900/1800/1900MHz
- Compliant to GSM phase 2/2+
- Class 4 (2W @ 850/900MHz)
- Class 1 (1W @ 1800/1900MHz)
- GPRS GPRS multi-slot class 10
- GPRS mobile station class B-RMS Phase Error ≤ 5 deg
- Max Out RF power 33.0dBm ± 2 dBm
- Dynamic Input Range -15 ~ -102 dBm
- Receiving Delicacy Class II RBER $\leq 2\%$ (-102dBm)
- Stability Of Frequency Superior to 2.5ppm·Max Frequency Error ± 0.1 ppm

GPS Specifications:

- GPS Chipset SIRF Star III GPS Receiver Sensitive, Fast and Accurate
- Sensitivity Autonomous Acquisition: -142 dBm Hot start: -155 dBm Tracking: -156 dBm·Channels 20 channel all-in-view tracking
- TTFF(Open Sky) Cold start 44 s aver age Warm start <38s; Hot start <2s
- Standby Time Without report :180 to 220 Hours,5 minutes report :70 to 90 Hours, 10 minutes report :100 to 120 Hours User Interfaces:
- Mini USB charge and UART
- Power Button air interface protocol
- Function Button SOS Geo-Fence.

Advantages:

- Quad band GSM/GPRS frequency Embedded functional @Track protocol
- Built in SIRF Star III chipset with: -158dBm tracking sensitivity and -142 dBm autonomous sensitivity. -Fast TTFF and high accuracy.
- Low power consumption, Long standby time.·A-GPS Ready Solution
- Certificated with PTCRB and FCCGSM • Water Resistance

Tracking GPS solutions

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