FTAT-005-2G
Solar Powered GPS Asset Tracker

Strong Magnetic Base
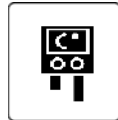
Tamper alert

IPX5 Water Resistance

GPS + LBS positioning

Large 10,000mAh Battery

Remote Listen-in

CE   UKCA   PTCRB

Product Summary

The FTAT-005-2G is a solar powered GPS Asset tracker that provides complete wireless GPS tracking solutions for cargo and ships. It can be used in employee-owned vehicles, fleet management, or leased cars. GPS+LBS positioning allow the location to be pinpointed in real time or periodically.

The rugged design and 10,000mAh solar powered battery make the FTAT-005-2G device ideal for logistics and cargo shipping industries.

Key Features:

➢ **GPS & LBS Positioning**
   Two complementary positioning systems ensure the locations to be accurately displayed on fleetly cloud FMS platform.

➢ **Large 10,000mAh Battery**
   Ultra-high battery capacity allows incredible standby time.

➢ **Solar Powered**
   A solar panel converts sunlight into electricity that can be used to power this device.

➢ **Intelligent Power Management**
   Automatically adjust the working status for saving power without affecting normal functioning.

- ➢ **IP67 Water Resistance**
  When light exposure is detected by light sensor, you'll get notified of device removal.

- ➢ **Tamper Alert**
  Receive a tamper alert when the light sensor detects device removal.

Technical Specification

GNSS

	Positioning system	GPS + LBS
	Frequency	L1
	Positioning accuracy	<2.5m CEP
	Track sensitivity	-1625dBm
	Acquisition sensitivity	-148dBm
	TTFF (open sky)	Avg. hot start ≤1sec Avg. cold start ≤32sec

Cellular

	Communication network	GSM
	Frequency	Quad-band 850/900/1800/1900

Power

	Battery	10,000mAh/3.7V industrial-grade Li-Polymer battery
	Solar power	5.5V/400Ma (Under solar illumination)
	Working modes	Mode 1: Tracking mode Mode 2: Power-saving mode Mode 3: Power-saving mode
	Standby time	2.5 years in power-saving Mode (without solar energy)

Interface

	LED indication	1 status indicator (Green), 1 Power indicator (Red)
	SIM	Standard-SIM
	Data storage	32+32Mb
	Tamper proof	Light sensor

Physical specification

	Dimensions	355.0 x 110.0 x 33.0mm

	Weight	637g

Operating environment

	Operating temperature	−20°C to +70°C
	Operating humidity	5%～95%, non-condensing
	IP rating	IP67

Feature

	Sensors	Accelerometer, Light sensor
	Scenarios	Low battery alert, Tamper alert, Geo-fence