




FTP500

4G GPS TRACKER


INTRODUCTION


FTP500 achieves low-power data transmission via LTE Cat.1, reducing power consumption by approximately 30% compared with conventional 4G communication devices. With an industrial-grade structural design, it is an ultra-compact positioning device whose waterproof performance meets the requirements of long-term immersion.



 | 19.8*19.8*62mm

 | -25°C~70°C

 | 35g


 | 850mAh

 Ultra-compact & discreet

 Ultra-low Power Consumption

 Low Battery Alarm

 Light Sensor

 Scheduled Wake-up

 Roaming Control

 IP68

Fleet Tracking



Logistics Management



Asset Theft Prevention



SPECIFICATIONS

GENERAL

Network	4G Cat.1
Shell Material	ABS+PC(V0)
Magnet	None
Water Dust Resistant Level	IP68

WIRELESS

Data Support	SMS,TCP
Operating Band	CA: LTE-FDD:B1/3/5/8 LTE-TDD:B34/38/39/40/41 EU: LTE-FDD:B1/3/5/7/8/20/28 LTE-TDD:38/40/41

CONNECTOR

GPS Antenna	Internal
LTE Antenna	Internal
SIM Card	SMT eSIM

ON BOARD

LED	x1(Three-Color LED) Blue LED - Network Status Green LED - GNSS Status Red LED - Power Status
3-Axis Accelerometer	On Board

SIZE AND WEIGHT

Dimensions	19.8*19.8*62mm
Weight	35g(1.23 oz)

POSITIONING

Location Technology	GPS/Glonass/Galileo/BeiDou+LBS+WIFI
Chip Model	AT6558R
Positioning Antenna	Built-in antenna
Concurrent GNSS	GPS+BDS
Position Accuracy	≤10m
Tracking Sensitivity	-160dBm
Cold Start Time (Open Field)	≤35S
Hot Start Time (Open Field)	≤1S
Assisted GPS	Supported

ELECTRICAL

Power Average Consumption	≤5uA 3V(Sleep) ≤75mA 3V (Active)
Built-in Battery	850mAh
Working Temperature	-25℃~+70℃
Storage Temperature	-20℃~+60℃

Function

Geofence	Supported
Low Battery Alarm	Supported
Roaming Control	Supported
Ultra-low Power Consumption	Supported
Scheduled Alarm Wake-up	Supported

Optional

Waterproof Storage Bag	Optional
LOGO Customization	Optional
Custom Packaging	Optional
Light Sensor Alarm (Tamper Alarm)	Optional