





## INTRODUCTION

FTO100 is a plug-and-play vehicle tracking terminal, requiring no wiring or installation. It features dual-mode positioning with Beidou & GPS, assisted by LBS, enabling real-time positioning, tracking, and trajectory playback.



 | 48\*30\*25mm

 | -25°C~65°C

 | 31g

 | 55mAh



Geofence



Power Cut Alarm



Low Battery Alarm



Roaming Control



Date Re-upload

Fleet Tracking



Logistics Management



# SPECIFICATIONS

## GENERAL

Network	4G Cat.1
Shell Material	ABS+PC(V0)
Operating Voltage	9-36V DC
Water Dust Resistant Level	IP65

## WIRELESS

Data Support	SMS,TCP V31: LTE-FDD:B1,B3,B5,B8 TDD:B34,B38,B39,B40,B41
Operating Band	V51: FDD:B1/B3/B5/B7/B8/B20/B28

## CONNECTOR

GPS Antenna	Internal
LTE Antenna	Internal
SIM Card	Nano SIM

## ON BOARD

LED	x3(Single-Color LED) Blue LED - GNSS Status Green LED - Network Status Red LED - Power Status
3-Axis Accelerometer	On Board

## SIZE AND WEIGHT

Dimensions	48(L)*30(W)*25(H)mm
Weight	31g

## POSITIONING

Location Technology	GPS/Glonass/Galileo/BeiDou
Chip Model	CC1167Q\UC6228
Positioning Antenna	Built-in antenna
Concurrent GNSS	GPS+BDS
Position Accuracy	≤10m
Tracking Sensitivity	-162dBm
Cold Start Time (Open Field)	≤35S
Hot Start Time (Open Field)	≤2S
Assisted GPS	Supported

## ELECTRICAL

Power Average Consumption	≤12mA 12V (Sleep) ≤50mA 12V (Active)
Built-in Battery	55mAh
Working Temperature	-25~65℃
Storage Temperature	-25℃~70℃

## Function

Geofence	Supported
Low Battery Alarm	Supported
Power Cut Alarm (Tamper Alarm)	Supported
Blind Area Data Re-upload	Supported
Cornering Data Re-upload	Supported
Roaming Control	Supported

## Optional

LOGO Customization	Optional
Custom Packaging	Optional