



INTRODUCTION

FTW520 supports 4G full network, with optional 4G Cat.1 + 2G GSM bands. It supports SOS and MIC monitoring. It supports a wide voltage input of 9V - 90V. Suitable for Passenger Vehicle and Commercial Vehicle.



|80*38*13mm



|-25℃~70℃



|48g



|55mAh



Pulse Detection



Date Re-upload



Power Cut Alarm



ACC Detection



Remote Fuel & Power Cut-off



Vibration Detection



Movement Alarm



External Flash



SOS

Fleet Tracking



Logistics Management



SPECIFICATIONS

GENERAL

Network	4G Cat.1 + 2G
Shell Material	ABS+PC(V0)
Operating Voltage	9~90V DC
Water Dust Resistant Level	IP65

WIRELESS

Data Support	SMS,TCP
Operating Band	CA: FDD-LTE: B1,B3,B5,B8 TDD-LTE: B34,B39,B40,B41 GPRS:900/1800 :
	EA: FDD-LTE: B1,B3,B5,B7,B8,B20,B28 TDD-LTE: B38,B40,B41 GPRS:900/1800
	LA: FDD-LTE: B1,B2,B3,B4,B5,B7,B8,B28,B66 TDD-LTE: B38,B40,B41 GPRS:850/900/1800/1900

CONNECTOR

Connector Type	8Wires(GND\VCC\DIN\DOUT\SOS+ \SOS-\MIC+\MIC-)
GPS Antenna	Internal
LTE Antenna	Internal
SIM Card	Micro 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	80*38*13mm
Weight	48g

POSITIONING

Location Technology	GPS/Glonass/Galileo/BeiDou+LBS
Chip Model	AT6558R
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	≤4mA 12V (Sleep)
	≤40mA 12V (Active)
Built-in Battery	55mAh
Working Temperature	-20℃~70℃
Storage Temperature	-25℃~70℃

Function

Geofence	Supported
SOS Alarm	Supported
Vibration Alarm	Supported
Movement Alarm	Supported
Low Battery Alarm	Supported
Power Cut Alarm (Tamper Alarm)	Supported
Blind Area Data Re-upload	Supported
Cornering Data Re-upload	Supported
Mileage Data Re-upload	Supported
Roaming Control	Supported
ACC Ignition Detection	Supported
Remote Fuel & Power Cut-off	Supported
External Flash	Supported
Pulse Detection	Supported

Optional

Waterproof Storage Bag	Optional
LOGO Customization	Optional
Custom Packaging	Optional
SOS Button	Optional