



INTRODUCTION

FTW310 is a compact, low-power intelligent vehicle positioning terminal that supports GNSS assisted positioning and real-time monitoring.It is an intelligent positioning terminal specially designed for asset risk control and supervision scenarios in terms of chip selection, battery selection, power consumption, size and installation.



-  |85.9*52.25*14.8mm
-  | -25℃~70℃
-  |40g
-  |55mAh

-  Geofence
-  Ultra-low Power Consumption
-  Power Cut Alarm
-  Roaming Control
-  ACC Detection
-  Remote Fuel & Power Cut-off
-  IP68
-  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	IP68

WIRELESS

Data Support	SMS,TCP
Operating Band	Latin America:B3/B4/B5/B7/B12/B28/B66 Customized European Version:B1/B3/B7/B8/B20/B28/B38/B40/B41 Standard European Version:B1/B3//B5/B7/B8/B28/B38/B40/B41

CONNECTOR

Connector Type	2 Wires\4 Wires
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	85.9(L)*52.25(W)*14.8(H)mm
Weight	40g

POSITIONING

Location Technology	GPS/Glonass/Galileo/BeiDou+LBS+WIFI
Chip Model	AT6558\CC1161W
Positioning Antenna	Built-in antenna
Concurrent GNSS	GPS+BDS
Position Accuracy	≤10m
Tracking Sensitivity	-165dBm
Cold Start Time (Open Field)	≤33S
Hot Start Time (Open Field)	≤2S
Assisted GPS	Supported

ELECTRICAL

Power Average Consumption	≤5mA 12V (Sleep) ≤50mA 12V (Active)
Built-in Battery	55mAh
Working Temperature	-25℃ ~80℃
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
Ultra-low Power Consumption	Supported
ACC Ignition Detection	Supported
Remote Fuel & Power Cut-off	Supported

Optional

Waterproof Storage Bag	Optional
LOGO Customization	Optional
Custom Packaging	Optional