Jimi IoT

X3
Multifunctional Vehicle Tracker

The X3, a multifunctional GPS tracker, is optimized for vehicle tracking. It provides accurate real-time location, two-way communication and driving behavior reports. The X3 also features a G-sensor, a door-sensor, and includes I/O ports to support multiple external types of equipment for various applications. X3 is an excellent GPS tracking device for fleet management and security monitoring deployment.

RS232 & TTL Interface
Support the accessories supporting RS232 and TLL interface.

Built-in Mic
A built-in Mic allows you to remotely listen in and record the sounds around the device.

Remote Cut-off (Fuel/Power)
Immobilize a vehicle by cutting off its power source/fuel supply through an installed relay.

Heat-Resistant Design
Unique design avoids the malfunction caused by over-heat.

Over-speed Buzzer
Sound buzz to remind driver to lower speed.

Fuel Sensor (Optional)
Quickly get notified when fuel level is harshly changing.

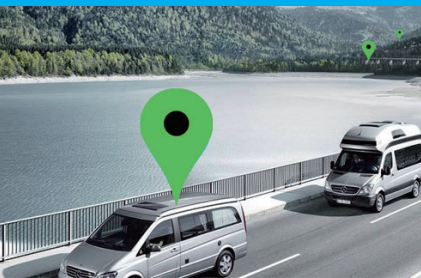### Temperature Sensor (Optional)
Prevent the rot and damage leading by excessive temperature.

RFID Reader
Identify drivers when they start vehicles, and collect and upload the drivers' identification.

| Vehicle Tracking | Truck Logisics | Fleet Management |

GNSS

Positioning system	GPS+BDS+LBS
Frequency	L1
Positioning accuracy	＜2.5m CEP
Track sensitivity	-162dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg. hot start ≤1sec Avg. cold start ≤35sec

Cellular

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

Power

Battery	450mAh/3.7V industrial-grade Li-Polymer battery
Input voltage	9-36VDC

Interface

LED indication	GNSS (Blue), Cellular (Green), Power (Red)
SIM	Standard-SIM
Data storage	32+32Mb
Digital inputs	ACC, input, SOS
Digital outputs	Relay, output1, output2

Physical specification

Dimensions	80.9 x 55.8 x 23.4mm
Weight	95g

Operating environment

Operating temperature	–20℃ to +70℃

Feature

Voice monitoring range	≤5 meters
Sensors	Accelerometer
Scenarios	Vehicle movement alert, Over-speed alert, Geo-fence, Voice Monitoring, Vehicle battery detection, Power supply disconnection
Driving behavior analysis	Harsh acceleration, Harsh braking, Harsh cornering, Collision