Jimi IoT

PL200

Smart 4G Personal Tracker

The PL200 is a small and light 4G tracker for mobile workforce management. Its IP65 rated enclosure makes it suitable for carrying around in almost all weather. On a single charge, the device can operate for up to five days by switching between step-count-based and timing modes. Furthermore, the two-way voice calls, whitelist settings and step counter make it an ideal solution for managing lone workers like sanitation workers, street cleaners and security guards.

Sanitation Worker

Street Cleaner

Security Guard

Two-Way Communication

Enable workers to make speed-dials to two important contacts with this device.

LTE & GSM Network

Stable communication via IoT-specific 4G LTE networks with 2G fallback.

Panic Button

Enable workers to ask for immediate help with a single press.

GPS & BDS & LBS Positioning

A synergy of multiple positioning systems ensures the location to be accurately displayed on the cloud platform.

Remote Listen-in

Inconspicuous mic allows for remote audio monitoring of the environment around the device.

Multiple Working Modes

Configurable working modes according to your actual demands.

Multiple Alerts

Instant alerts for specific events such as device power-on or shutdown, low battery, SIM card change, etc.

Step Counter

A step can wake up the device to continuously count the steps taken and upload the data to the cloud platform.

Standard Configuration

Positioning & Location

Technology	GPS, BDS, LBS, BLE, WiFi
Accuracy	＜2.5m CEP
Tracking sensitivity	−165dBm
Acquisition sensitivity	−148dBm
TTFF (open sky)	Avg. hot start ≤1sec；Avg. cold start ≤32sec

Cellular

Technology	4G Cat 1, GSM
Frequency	PL200(L): GSM: B2/B3/B5/B8; FDD: B1/B2/B3/B4/B5/B7/B28 PL200(E): GSM: B2/B3/B5/B8; FDD: B1/B3/B7/B8/B20/B28; TDD: B38/B40/B41

Power

Battery	2,000mAh/3.7V industrial-grade Li-Polymer battery (rechargeable)
Working modes	Mode 0: Step-count-based mode Mode 1: Timing mode
Battery life	Up to 5 days

Operating environment

Operating temperature	−20℃ to +60℃
Operating humidity	5% to 95%, non-condensing
IP rating	IP65

Interface

LED indication	Power (Red), Notice (Green)
SIM	Nano-SIM
Memory capacity	1000 GPS data entries
Button	2*functional buttons; 1*panic button
USB	Magnetic
GNSS antenna	Internal
Bluetooth antenna	Internal

Feature

Voice monitoring range	N/A
Sensors	Accelerometer
Scenarios	Power-on alert, Shutdown alert, Low battery alert, SOS alert, SIM card change alert, Geo-fence entry & exit alert
Specialties	Speaker, Microphone
Bluetooth	BLE 5.0
RFID	N/A
Mount method	Lanyard
Configuration support	SMS, Online command
Certification	FCC、CE

Physical specification

Dimensions	105.0 x 62.0 x 13.0mm
Weight	81g

Standard Packing

PL200 unit	1
Charging cable	1
Lanyard	1
Name card	1

Optional Configuration*

N/A

*Optional Configuration required to be customized or purchased separately.