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Smart 4G Personal Tracker

The PL200 is a small and light 4G tracker for mobile workforce management. Its IP65 waterproof case makes it suitable for carrying around in almost all weather. Automatically switching between step-count-based mode and regular GPS mode allows the device to operate for up to five days on a single charge. Furthermore, the PL200's 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.

Automatic Clock-In/Out over BLE

Easily clock in and out by using Bluetooth when approaching a preset location, or by pressing a button.

Multiple Working Modes

Configurable working modes according to your actual demands.

LTE & GSM Network

Stable communication via IoT-specific 4G LTE networks.

Panic Button

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

GPS & BDS & GLONASS 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.

Intelligent Working Modes

Automatically switching working mode based on the activity status of workers to save power.

Multiple Alerts

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

GNSS

Positioning system	GPS+BDS+GLONASS+LBS+BLE+AGPS
Positioning accuracy	＜2.5m CEP
Tracking sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg. hot start ⩽1sec Avg. cold start ⩽32sec

Cellular

Communication network	4G Cat 1
Frequency	PL200E: LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 PL200L: LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28 GSM: 850/900/1800/1900 MHz

Power

Battery	2,000mAh/3.7V industrial-grade Li-Polymer battery
Working modes	Mode0: Step-count-based mode Mode1: Regular GPS mode
Standby time	Up to 5 days

Interface

LED indication	Power (Red), Notice (Green)
Button	2 functional buttons, 1 panic button
SIM	Nano-SIM

Physical specification

Dimensions	105.0 x 62.0 x 13.0mm
Weight	81g

Operating environment

Operating temperature	–20℃ to +60℃
IP rating	IP65

Feature

Sensors	Accelerometer
Scenarios	Power on alert, Shut down alert, Low battery alert, SOS alert, SIM card change alert