

B2316 Cat M1 & NB-IoT GPS Bracelet

User Manual V1.0



Preface

Congratulations on choosing the Mictrack B2316 CAT M1 & NB-IoT GPS Bracelet. This manual shows how to easily program and setup the tracker for best results. Make sure to read this manual carefully before using this product, so as to avoid delays or confusion with its operation. Please note that specifications and instructions are subject to change without notice to facilitate product improvement. Updates and changes will be integrated into the latest release. The manufacturer assumes no responsibility for any errors or omissions in outdated documents.

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1. Overview

B2316 is a GPS bracelet that uses the latest low-power Cat M1 & NB-IoT technology, fusion positioning technology and multiple sensor technologies, and built-in a eSIM card.

Including temperature monitoring, SOS alarm, body temperature, heart rate, step, indoor and outdoor positioning, Geo-fence, historical track query etc.

The data will be automatically reported to the server and mobile APP periodically.

The B2316 GPS bracelet is small, lightweight, and deeply waterproof, and is suitable for all-weather wear. It can be used for monitoring in schools, prisons, nursing homes, factories, and hospitals.

2. Features

- **CAT M1 & NB-IoT & Network**
- Real-time tracking
- GPS+WiFi+LBS Positioning
- History record check
- Geo-Fence alarm
- SOS alarm
- Body temperature report
- Heart rate report
- Blood pressure report
- Low battery alarm
- Power saving mode
- Long standby up to 72 hours
- P67 Waterproof
- PC & Mobile App tracking
- Open API/Protocol
- OTA

3. Applications

- COVID-19 Back to work
- Isolating people
- Entry from the airport
- Enterprise
- Crowd place
- Hospital
- School
- Kids

4. Specifications

Item	Specifications
Dimension	43(L)*23(W)*13(H)mm
Weight	30g
Charging mode	Magnetic USB charging Cable DC 5V
Backup battery	3.7 V 160mAh
Power consumption	30uA standby current
Working time	80 hours every 5mins upload interval
	130 hours every 30mins upload interval
	360 hours every 60mins upload interval
Working temperature	-20°C to 65°C
Cellular Bands	Cat M1 (LTE-M, eMTC) B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/B19/B20/B25/B26 /B27/B28/B66/B85 NB-IoT (Cat NB2) B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B28 /B66/B71/B85
Bluetooth	Low Power Bluetooth BLE (OTA)
Positioning	GPS, WiFi, LBS
Tracking Sensitivity	-162 dBm
Sensor	Accelerometer, Temperature sensor, Heart rate sensor, blood pressure sensor
Screen	0.49 inch OLED
LED	GREEN

Button	SOS
SIM Card	6*5mm eSIM (MFF2)
Waterproof	IP67

5. B2316 interface



6. In the box

- 1* B2316 GPS Tracker
- 1* Magnetic USB charging cable
- 1* Quick Start Guide

7. First Use

7.1 SIM Card

- The devices built in eSIM Card, no need to install additional SIM card

7.2 Charge the device

- Please charge the device before using it for the first time.
- The green light is flashing means under charging, if the green light is on it means fully charged.

7.3 Power ON/OFF

- Connect the charging cable will auto power ON, if the battery is low, it will power OFF.

8. LED Indications

Status	Description
Green Blinking	<ul style="list-style-type: none">● Charging
Solid Green	<ul style="list-style-type: none">● full charged

9. Setup and Configuration

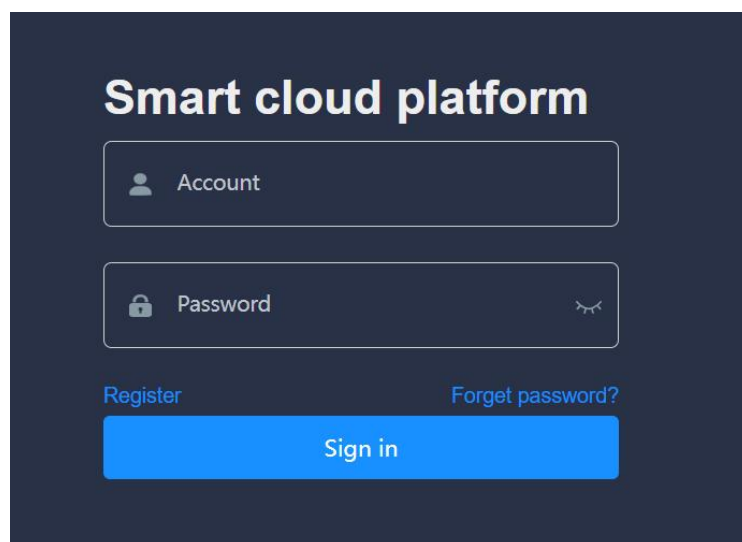
- At first time to use please setup the device via Bluetooth App, please check this post: <https://help.mictrack.com/articles/how-to-setup-b2316-via-bluetooth-app/>
- Once setup correct and the device will communication with your server.

10. OTA

- You can upgrade the firmware via Bluetooth App, please check this post: <https://help.mictrack.com/articles/how-to-upgrade-b2316-firmware/>

11. Tracking platform

- Web: <http://aiday.com.cn>
- Input **your Account** and password to login



Any questions please do not hesitate to contact us:

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