


WANWAYTECH

**GS21 Vehicle OBD2
GPS Tracker**



WANWAYTECH GS21 Vehicle OBD2 GPS Tracker User Manual

[Home](#) » [WanWayTech](#) » WANWAYTECH GS21 Vehicle OBD2 GPS Tracker User Manual 

Contents

- [1 WANWAYTECH GS21 Vehicle OBD2 GPS Tracker](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Frequently Asked Questions](#)
- [5 Functions and Parameters](#)
- [6 Accessories and LED working status](#)
- [7 Installation instructions](#)
- [8 Trouble Shooting](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)
- [10 Related Posts](#)

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WANWAYTECH GS21 Vehicle OBD2 GPS Tracker



Product Information

Specifications:

- Model: Vehicle OBD2 GPS Tracker GS21
- Functions: Location check, geo fence, overspeed alarm, track playback, vehicle fault diagnosis, OBD data detection
- Network: GSM850/900/1800/1900MHz
- Input Voltage: 9V – 35V
- Position Time: Hot – 5sec (open sky), Cold – 35sec (open sky)
- Dimension: 47mm * 20mm * 43mm

Product Usage Instructions

Accessories and LED Working Status

Accessories:

Standard Packing: Device, Manual, Warranty Card

LED Working Status:

LED Color	Status	Description
Yellow (GSM)	Fast blinking	GSM initialization
	Long bright	GPRS normal/Online; GSM in sleep mode
Blue (GPS)	Fast blinking	Searching for GPS signal
	Long bright	GPS working normally; GPS in sleep mode

Installation

This OBD device is equipped with J1962 OBDII universal interface.

Troubleshooting

If the device is unable to connect to the background server or is offline, follow these steps:

Common Issues and Solutions:

1. Poor signal:
 - Move to open sky areas.
 - Check installation for correct OBD interface.
2. Platform showing Inactive:
 - Check SIM card insertion.
 - Verify LED blinking status.
3. Wrong Location:
 - Contact SimCard provider to enable GPRS functions.
 - Move to open sky areas for GPS signal.
4. Vehicle keeps showing static:
 - Drive out to open sky area for testing.
5. Platform showing offline:
 - Check SIM card status and move to open sky areas for better signal.

Frequently Asked Questions

- **Q: Can the device track my vehicle in real-time?**
 - A: Yes, the device supports track playback and real-time location check functions.
- **Q: What should I do if the LED status indicates GSM in sleep mode?**
 - A: If the GSM LED is indicating sleep mode, ensure the SIM card has GPRS function enabled and is in service.
- **Q: How do I diagnose vehicle faults using this device?**
 - A: The device supports vehicle fault diagnosis along with OBD data detection. Follow the manual for detailed instructions on fault diagnosis.

Thank you for choosing the WanWayTech GPS Tracker. The instruction manual will explain in details how to operate this device. Please read it carefully before installation. We reserve the rights to change the appearance, color and accessories of this product without prior notice.

Functions and Parameters

Functions

Location check, geo fence, over speed alarm, track playback, vehicle fault diagnosis, OBD data detection

Parameters

- GSM850/900/1800/1900MHz

- Input voltage: 9V – 35V
- Position time: Hot: ≤5sec (open sky)
 - Cold: ≤35sec (open sky)
- Dimension: 47mm * 20mm * 43mm;
- Accuracy: ≤10 meters;
- Working Temperature: -20°C to +55°C

Accessories and LED working status

Accessories:

Standard Packing: Device+Manual+Warranty Card

LED working status

Yellow (GSM)

Status	Description
Fast blinking	GSM initialization
Long bright	GPRS normal/Online
No lights	GSM in sleep mode

Blue (GPS)

Status	Description
Fast blinking	Searching for GPS signal
Long bright	GPS working normally
No lights	GPS in sleep mode

Installation instructions

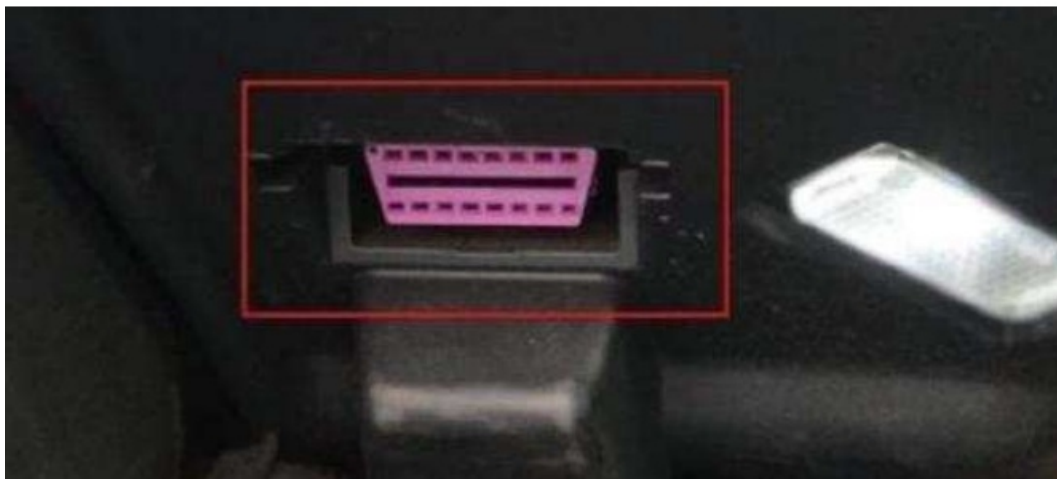
Preparations before installation:

1. Open the box and check whether the equipment model is correct and the accessories are complete, otherwise please contact your supplier;
2. SIM card selection, the terminal needs to insert a Micro SIM card with normal internet services.
3. SIM card installation (as shown in the figure below), align the cutaway side of the SIM card to the card slot, and push the sim card into the slot – requires a small screwdriver to push in until clicks in.

Notes:

1. Please disconnect the power of the terminal before installing or removing the SIM card;
2. SIM card needs to enable GPRS function

3. The SIM card needs to enable the caller ID display function;
4. If your SIM card is turned on and requires a SIM PIN, please refer to your mobile phone user manual to turn off the SIM PIN input function;
5. Please make sure the SIM card is at service



Installation


This OBD device is equipped with J1962 OBDII universal interface

Trouble Shooting

After the terminal is installed for the first time, it has been unable to connect to the background server, and the device is not online. Please check the terminal installation: Please refer to the following problems and solutions to do troubleshooting; if the problem still cannot be solved, please contact your supplier.

Common issues	Description	Solutions
Poor signal	Device is under poor signal areas like basement and tunnels.	Move to open sky areas
Platform showing Inactive	Check installation	Need to find the correct OBD interface
	SIM Card not inserted properly	Check SIM Card
	LED Status	Check LED blinking status
	SIM Card not enabled with GPRS functions	Contact SimCard provider
Wrong Location	GPS not located	Move to open sky areas
	Vehicle keeps showing static	Drive out to open sky area and test
Platform showing offline	SIM Card problem	Check SIMCard status
	Poor signal	Move to open sky areas

Documents / Resources

	WANWAYTECH GS21 Vehicle OBD2 GPS Tracker [pdf] User Manual PS21, GS21, GS21 Vehicle OBD2 GPS Tracker, GS21, Vehicle OBD2 GPS Tracker, OBD2 GPS Tracker, GPS Tracker, Tracker
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References

- [User Manual](#)

[Manuals+.](#) [Privacy Policy](#)

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