



Hardwired Vehicle Tracker

2-Wired

NBS03

Product Operational Manual



Dear Users,

Thank you for choosing our NBS GPS CONNECT. Please read this product manual carefully before using this product.



The manufacturer reserves the right to interpret and modify the instructions to the extent permitted by law.



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Chapter 1 Product Information

1.1 Product Display



Swipe down to open the cover

1.2 Product Specification

	Item	Specification	Remarks
Physical Specification	Model	NBS03	2-Wired
	Product sizes	65x26x12mm	
	Inner Battery	NO	
	Weight of Device	22grams	
	Product shell material	ABS	
	SIM Card Type	Nano-SIM card	12 x9 mm
Network	2G	NO	
	4G	Yes	
	Data communication type	TCP	
Power Supply System	Working voltage	DC 8-90V	
	Standby current	3 mA	
	Average working current	About 30mA (when 12V power supply)	
	Power protection	Support for 1,500 W surge protection	
GPS SYSTEM	Antenna type	Built-in 18*18*2 ceramic antenna	
	GPS Specification	Recapture sensitivity: -154 dBm Tracking sensitivity: -160 dBm	
	Positional accurate error	GPS + BD satellite positioning: <10m WiFi location: <30m LBS base station location: <1000m	
Environmental Parameters	Operating temperature	-20 °C to + 70 °C	
	Storage temperature	-30 °C to + 80 °C	
	Working humidity	20% -80%	

1.3 Product Package

Item	Quantity/pcs	Remarks
Device	1	/
Connecting Wire	1	2-Wired
Packing Box	1	/
Pre-Paid SIM CARD	1	Optional as per required

1.4 Main Functions

	Details	Remark
Commonly used functions	Track query	You can view the playback of the action within 180 days of the regulatory target
	GEO-Fence	GEO- fence can be set up to alarm the target after entering and leaving the fence
	ACC	Support for ACC intelligent judgment
	Remote command control	It can remotely change the working mode and issue relevant instructions to control other functions of the device
Others	Overspeed Alarm	When the speed of vehicle is over setting, the alarm will be transmitted to the platform
	Low voltage Alarm	When the equipment voltage is below 11.0V, the alarm will be transmitted to the platform
	Light Sensor	Not Support
	Remote Upgrade	Supported

Chapter 2 Usage

2.1 Installation of the SIM CARD (Traffic Card)

Open the surface shell according to the figure below and install the SIM card. The device uses the Nano-SIM card (minimum size SIM card, size 12mmx9mm). Please choose the Nano-SIM specification when purchasing.



How to open the cover

2.2 Wiring Instructions

NBS03 2-Wired Hardwired Vehicle Tracker with 2 lead wires, defined as follows:

Description table of wiring definition

Lead wire 1	Lead wire 2
RED	BLACK
+(12V / 24V)	-(Ground)

2.3 Network Test



- 1) Testing the internet working after finishing wiring connection.
- 2) Insert SIM card, and blue light keeps on indicates that the device is ready on (Please refer to Indicator definition on 2.4;
- 3) Make the logo side exposure to the open air to have a good signal to talk satellite.

2.4 Status of Indicator Definition

BLUE LIGHT	GPS Status	Blinking: Waiting for GPS fix
		Solid: GPS got fix
RED LIGHT	Network Status	Blinking: Connecting to the Server
		Solid: Server Connected

2.5 Account and Device Login

2.5.1 PC PORTAL LOGIN

Open the PC link: nbsgpsconnect.basegps.com

Login:

--1) Manually input the SN number.

--2) Default password is 123456.

Kindly change your password once you are logged in.

2.5.2 MOBILE APP LOGIN

This product supports Android and Apple Mobile App downloads. Please search the app store for "DOMILINK" software.

1. OR scan the QR code to download APP.
2. Login:
 - 1) Manually input the IMEI number.
 - 2) Default password is 123456.

Kindly change your password once you are logged in.

2.5.3 Multi Devices LOGIN

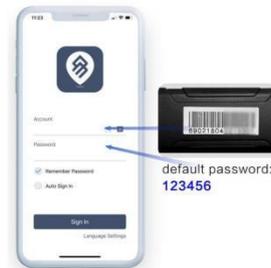
Please contact the wholesaler for a wholesaler master account to manage multi-devices.



Apple app download



Android app download



Login Interface

Chapter 3 Common Diagnose

3.1 Troubleshooting

Failed to connect to platform or shows offline, please check carefully:

- **Main power supply wiring:** Please do not connect to the internal control wiring
- **SIM CARD:** Whether installation is right
- **SIM CARD:** Whether it has traffic data
- **Signal:** Whether the vehicle has a good signal

The device connection platform is normal, but the satellite positioning is abnormal.

Please check:

- Make sure the device is outside
- Checking the installation situation: GPS antenna should be facing out, avoiding the



obstruction of metal or wire.

- GPS signals will weaken when there are tall buildings surrounding. Please drive to a wider and open place.

3.2 Common FAQ

Frequently asked questions	Fault description	Solutions
The positioning signal is not good	Using terminals in poorly receiving areas, such as under tall buildings or basements, cannot effectively receive satellite waves	Use the terminal where the signal is good
Unable to connect to network	The SIM card is not properly installed	Check the SIM card and reinstall it
	Metal surface of SIM card is dirt	Try it with a clean cloth
	The SIM card is damaged or invalid	Please replace the valid SIM card and contact
	out of the GSM service area	Please move to the Network Service Provider service area
The location information is not found	The signal is weak	Move to a strong signal location and try again
	The SIM card does not open the GPRS service	Please contact the network service provider to open the GPRS service
Send instructions to modify The parameter does not change	SIM card arrearrage	Charging fee
	Instruction format error	Please re-edit the instructions to send them
	Send instructions but no response	Please ensure that the terminal can connect to the network and open the terminal SIM card SMS function

3.3 Precautions

1. Please keep away from water.
2. The power supply of the equipment is between DC 3.45V~4.2V, and the recommended working voltage is 4V. When installation, first determine whether the users power system is within this range, exceeding the maximum voltage of the terminal will damage the terminal.
3. When the ambient temperature exceeds the normal operating temperature range of the terminal, a power failure is recommended.
4. When the vehicle is in the underground parking lot, tunnel or garage, the positioning signal will be affected, and the communication network signal blind area may cause the equipment to monitor; When the vehicle leaves the above area, the equipment will automatically resume normal operation.
5. In case of any abnormal situation, please do not repair it yourself. The manufacturer shall not be liable for damage caused by connection of non-original accessories or removed connections between parts.
6. Please keep the product away from the extreme environment such as fire source, high temperature and high heat.
7. Do not open, modify, violent damage, etc.
8. Do not let the equipment fall from a height or suffer other shocks.



9. Do not charge the device in humidity.

WARNING SECTION

PLEASE NOTE: NBS GPS VEHICLE TRACKERS ARE SOLELY FOR THE PURPOSE

- TO TRACK AND MONITOR ASSETS ONLY
- STRONGLY DO NOT RECOMMEND THE USE FOR OTHER MALICIOUS USE
- NBS TAKES NO RESPONSIBILITY IF ITS GPS ARE USED OUTSIDE THE FRAMEWORK RECOMMENDED