



Rechargeable LIVE Tracker

5000mah Battery + Magnetic
NBS59

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



Weight: 139g

Battery capacity: 5000mAh

1.2 Product Specification

	Item	Specification	Remarks
Physical Specification	Model	NBS59	
	Product sizes	82*62*22mm	
	Battery	5000mAh	
	Magnetic	YES	
	Weight of Device	139grams	
	Product shell material	ABS	
	SIM Card Type	Nano-SIM card	9*12 mm
Network	2G	No	
	4G	Yes	
	Data communication type	TCP	
Power Supply System	Working voltage	DC 3.4-4.2V	
	Standby current	3-5 mA	
	Tracking Mode current	30-35mA	
	Hibernation	<10 μ A	
	Charger type	Type C	
	Charging Current	1000mA	
GPS SYSTEM	Antenna type	Built-in 25*25*2 Patch 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: <500m	
Environmental Parameters	Operating temperature	-20 $^{\circ}$ C to + 70 $^{\circ}$ C	
	Storage temperature	-30 $^{\circ}$ C to + 75 $^{\circ}$ C	

1.3 Product Package

Item	Quantity/pcs	Remarks
Device	1	/
Charging Cable	1	/
Packing Box	1	/
Pre-Paid SIM CARD	1	Optional as per required

1.4 Main Functions

	Details	Remark
Working Mode	Live-Tracking	Device will report the location in preset interval, range from 10-180s. When motion sensor detects movement, GPS module will be turned on to keep location update, device will turn GPS off when stop to save power.
	Live-Tracking with hibernation	Compared with previous live tracking mode, this working mode achieves much lower power consumption. When no movement is detected, the device enters hibernation mode, 4G network will be turned off. Please know that the device shows offline in hibernation mode not in fault.
	Manual report	Device keeps online, and GPS always turn off, if there any update request command received, location will be updated.
	Periodic mode	In periodic mode, device can be set from 10 minutes to 1440 minutes(one day), device will enter hibernation mode after finishing one update. In this mode, device can work for several years.
Commonly Used Functions	History Playback	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 by motion sensor
	Remote command control	It can remotely change the working mode and issue relevant instructions to control other functions of the device
Others	Low voltage Alarm	When the batter power is lower than 20%, an alarm will be transmitted to the platform
	Light Sensor	YES, Support. If this function is required, just take off the black adhesive tape on the back before installation. A disassembly alarm will be triggered after the device is removed.
	Remote Upgrade	YES, Supported

Chapter 2 Usage

2.1 Installation of the SIM CARD

Some products come with a pre-installed SIM card. Please confirm with your dealer.

(1) Prepare a traffic SIM card, a Nano-SIM card (9mm x 12mm).



(2) With the notch facing inwards; and the SIM card slot facing upwards (on the front of the product with the indicator light), a "click" sound indicates successful insertion.

You can then switch the power button to start using the device.



2.2 Power ON/ OFF Instructions

POWER ON: Turn the toggle switch on the side above the indicator light to the "O" (ON) position. The blue light will illuminate to indicate that the equipment is powered on.

POWER OFF: Turn the toggle switch on the side above the indicator light to the "F" (OFF) position to power off the equipment.



2.3 Indicator

Network and Location Indicator:

A flashing blue light: successful satellite and network searching.

A solid blue light: successful network and location acquisition.

Charging Indicator

A solid red light: In charging.

A solid green light: Fully charged battery

2.4 Charge Before Use

Always fully charge the device before use.

It is recommended to charge for full 5 hours before use.

The red light will be on during charging, and the green light will be on when fully charged. After charging, device is ready to use and monitor.

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

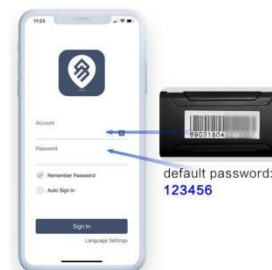
Please contact the wholesaler for a wholesaler master account to manage multi-devices.



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:

- **Check the battery level:** Please fully charge the device before use, check the Green LED or check the battery level on App.
- **SIM CARD:** Whether installation is right
- **SIM CARD:** Check if the APN being set correctly, send SMS command PARAM or APN to check.
- **Signal:** Test the device in place with 4G signal coverage.

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

Please check:

- Make sure the device is working outdoors.
- Checking the installation situation: GPS antenna should be facing to sky, 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
No GPS location update	No or very few GPS location updates.	Do not place the device in a metal-enclosed space. GPS antenna face to sky can get better receiving performance.
CAN NOT POWER ON	Repeatedly Power on and off, the indicator light does not come.	Turn the switch off, turn it on after 30seconds.
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
	No wireless signal	Please test in 4G signal coverage area
Send instructions to modify The parameter does not change	Device offline after a certain time.	Check if the data service is available.
	Instruction format error	Please re-edit the instructions to send them
	Send instructions but no response	Please ensure that the device can connect to the network and open the device SIM card SMS function



3.3 Precautions

1. Please keep away from water.
2. The power supply of the equipment is between DC 3.4V~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 device will damage the device.
3. When the ambient temperature exceeds the normal operating temperature range of the device, 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