

GPS Tracker Model NB-100



NB-100 is a NB-IOT tracker which supports a variety of satellite navigation systems, including GPS\Beidou\GLANESS\GALILEO and satellite augmentation system SBAS. Besides, it supports NB-IoT networks, and has a built-in antenna design for easy installation. The equipment has built-in backup battery, external power detection, etc., which can realize power failure alarm. Users can check the real-time location and driving trajectory of the vehicle anytime and anywhere online or use the mobile APP.

Functions:

- ACC detection
- Geo-fence
- OTA update
- Real-time tracking
- Mileage statistics
- Remote control

Installation instructions:

1. Install the SIM card and backup battery

Open the battery compartment cover, insert and fasten the SIM card, and close the battery compartment cover after installing the backup battery correctly.

2. Install tracker into vehicle

2.1 It' s recommended to install the host by the professional body appointed by the dealer and meanwhile please keep the following matters in mind:

2.2 To avoid damage by thieves, please install the host in a concealed place;

2.3 Please don't install it near emitters such as parking sensor, and other vehicle-mounted communication equipment;

2.4 Please keep it away from high temperature and high humidity;

2.5 To prevent influencing the vibration detection effect, please fix it with a strapping tape or double-sided adhesive tape;

2.6 Please be sure the right side up and without any metal objects above.

3. Install Power Cable (Wiring)

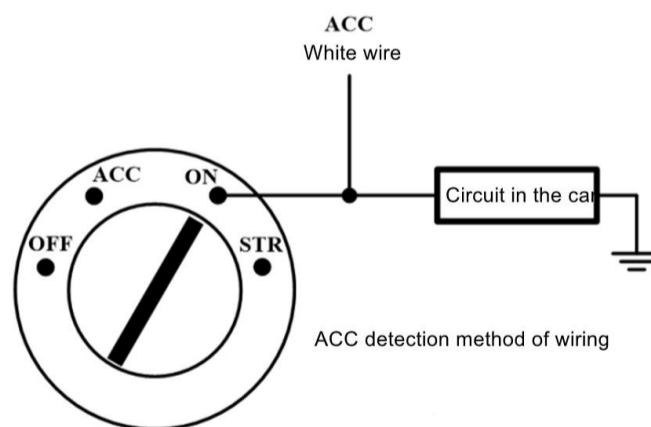
3.1 The standard power supply of this equipment is 12V, the red wire is the positive pole of the power supply, and the black wire is the negative pole of the power supply;

3.2 The negative pole of the power supply should be grounded separately, and do not connect with other ground wires;

4. ACC detection wire connection method (the electric door lock connection method is similar to this)

4.1 ACC signal line

ACC line is generally found in the wiring harness in the decorative panel under the steering wheel and the wiring harness in the central electrical box. The ACC signal line is the main basis for the host to judge whether the vehicle is in the starting state.



4.2 The way to find it

Find the thicker wire in the ignition switch harness, use one end of the test light to tie the iron, and the other end to test on the wire connector: when the ignition switch is set to "ACC" or "ON", the test light is on; turn off the ignition After the switch, the test light is off, and this connection is the ACC line.

Specifications:

Dimension	78*44*18.5 mm	Working voltage	9v-90v
TTFF	Cold strat: 28s, Hot strat: 1s	Maximum transmit Power	1W
Location accuracy	3M	Operating temperature	-20°C to 70°C
Humidity	20%–95%	Antenna	Inner antenna
Frequency	HDD-FDD B3 B5 B8	Backup battery	600mAh/3.7V
Tracking sensitivity	<-163 dBm	Speed accuracy	0.1m/s
Sensor	Built-in 3D acceleration sensor	Base station positioning	Support
Maximum operating current	<250mA (12V)	Operating current in normal mode	<15mA (12V)

Accessories:

NB-100 Tracker	Cable	User manual
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