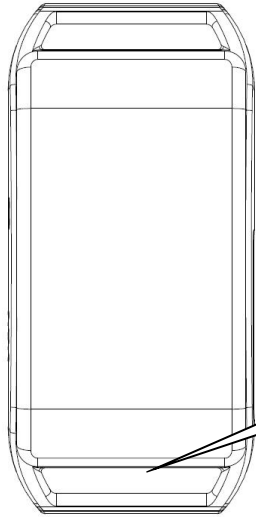


Pet GPS Tracker User Manual

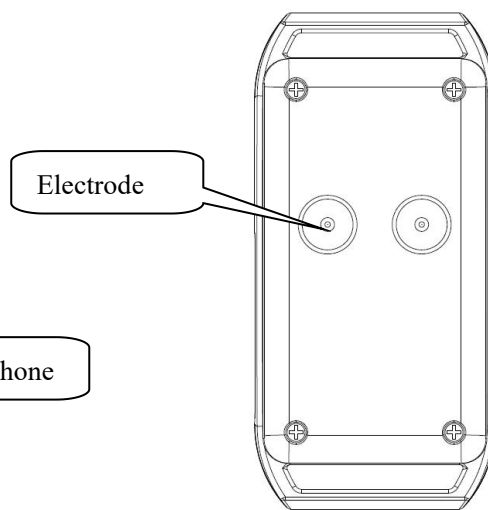


1、 Hardware Description

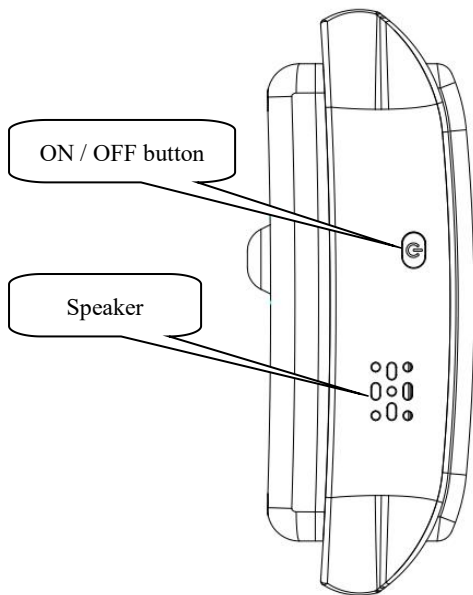
Front view



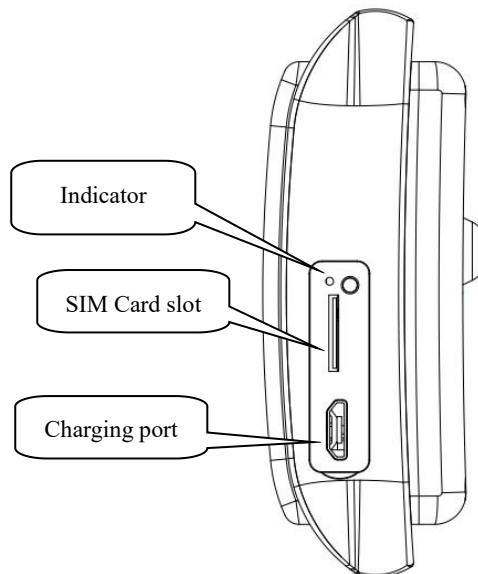
Rear view



Left side view



Right side view



2、 Specifications

Product name	Wireless Data Terminal (Pet GPS Tracker)
Model	GPS-201/BN-201
Weight	52g
Network	GSM/GPRS/NB
Band	2G (1900/1800/900/850 MHz) NB (B1/B3/B5/B8/B20)
GPS sensitivity	-162dBm
GPS accuracy	5m
Time To First Fix	Cold status 65s Warm status 35s Hot status 5s
Charging input	DC 5V 300mA
Battery	Chargeable changeable 3.7V 450mAh Li-ion battery
Standby	375hours
Storage Temp.	-40°C to +85°C
Operation Temp.	-20°C to +40°C
Humidity	5%--95% non-condensing
IP rating	IP67

3、 Insert SIM Card and turn on

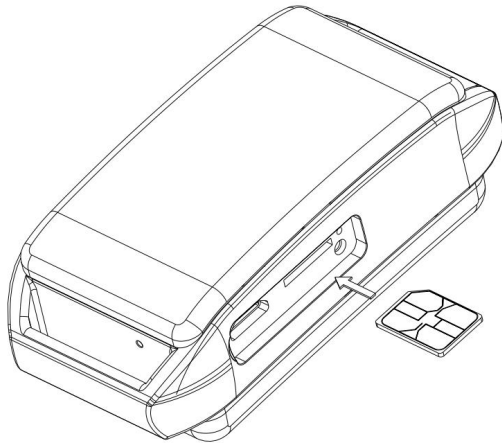
Please select the SIM card according to the frequency band supported by this tracker.

Please use a standard Nano-SIM card

Package requirements: open caller ID, open GPRS data access function, support 2G and NB data plan.

Open the silicone plug and insert the Nano-SIM card

Long press the power button to boot



Note: If you can't turn it on, the device may be out of power. Please plug in the included data cable to charge.

“If consumers use the power adapter for charging, they should purchase the power adapter that meets the power requirements of the corresponding safety standards or the CE certified power adapter”

4、 Work status indication

GPRS online: Blink each 10 seconds; GPRS offline: Blink each 5 seconds.

Fixed to satellites: Double blink.

Fixed to 4 satellites at least and $SNR \geq 38$: Blink 3 times

Device charging status: On for 1 seconds and off for 1 second.

Fully charged: On for 5 seconds and off for 1 second.

5、 Configure APN, GPRS login user name and password

Usually, the device can automatically identify and select APN and GPRS user names and passwords, no settings are required. If it cannot be connect to the network, please follow the steps below to configure it.

This device supports 2G and NB-Iot dual networks. If you use a 2G network, you can configure it by SMS and USB port; if you use NB-Iot network, you can only configure it via the USB port.

5.1 Configure APN by SMS command (2G network)

APN is an abbreviation for Access Point Name and changes depending on which mobile network you are using. For more information about your local APN, please check with your local wireless carrier.

SMS command: **APN+password+space+local APN**

Tracker response: **APN OK**

Example: **APN123456 CMNET**

Note: 123456 is the default password, it can be changed by SMS command: password+old password+space+new password

5.2 Configure GPRS login user name and password by SMS command (2G network)

In the most countries, the user name and password of GPRS are not necessary; therefore, you can ignore this step if it is not necessary for your local network. For those countries requiring user name and password, please configure as following:

SMS command: **up+password+space+user+space+password**

Tracker response: **user, password ok!**

Example: **up123456 Jonnes 666666**

Note: 123456 means the password of the device, Jonnes means the user name of gprs, and 666666 means password of gprs, please configure it according to the user name and password of your local ones, you can check this information with your local wireless carrier.

5.3 Configure APN with USB (NB-IoT / 2G network)

If the device uses an IoT card and does not support SMS, the configuration file can only be modified via USB.

Insert the data cable to connect to the computer, find the user_config.ini file as follows:

Fill in the old password, enter the APN to be set, the user name, and the new password (when it is necessary to change the password) and save it, and then restart (turn off and on) it.

```
user_config.ini - 记事本
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
OldPassword:*****; (Only support 6 digits)
NewPassword:*****; (Only support 6 digits)
apn:CMNET;;; (APN;user;password;)
```

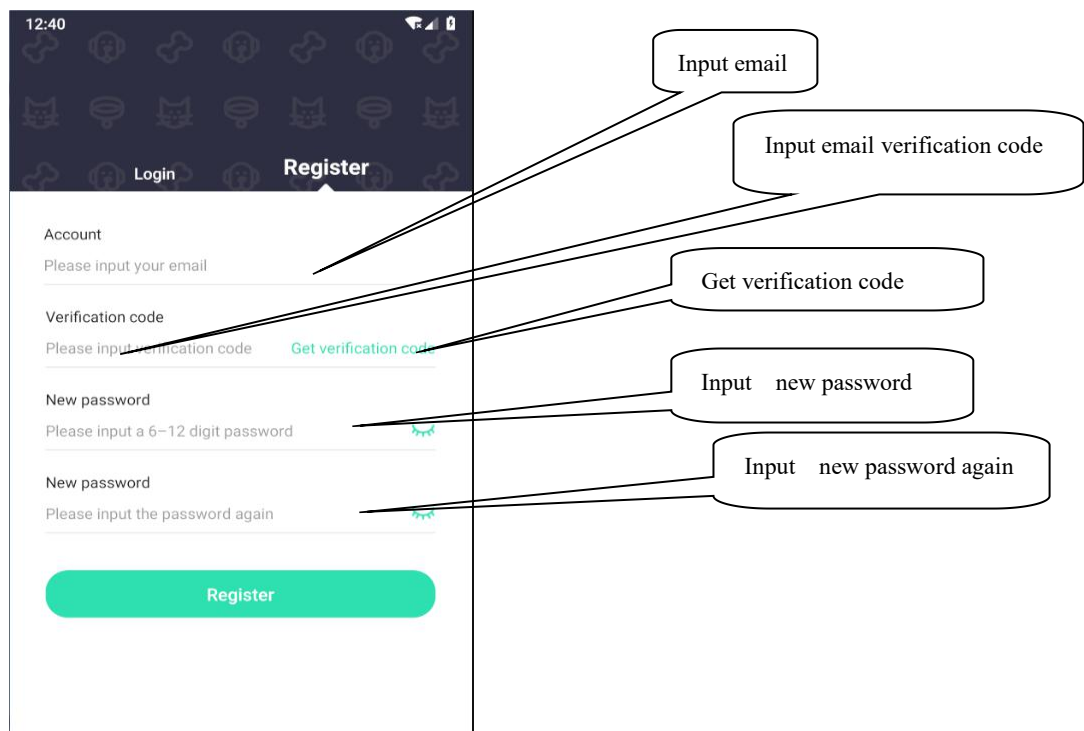
6、 Download and install mobile APP

6.1 Scan the QR code to download APP



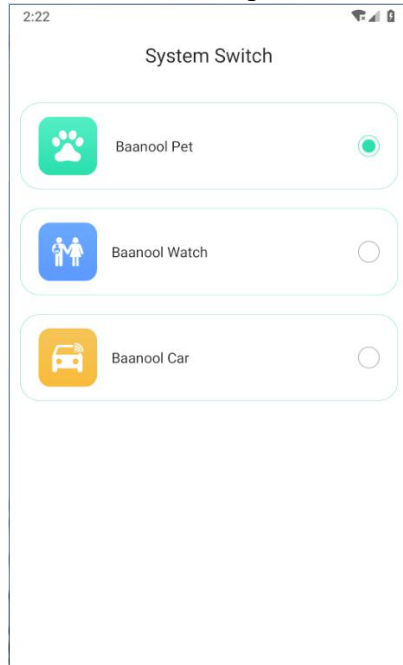
Search “BAANOOL IOT” in Google Play / App Store to download.

7、 Register account



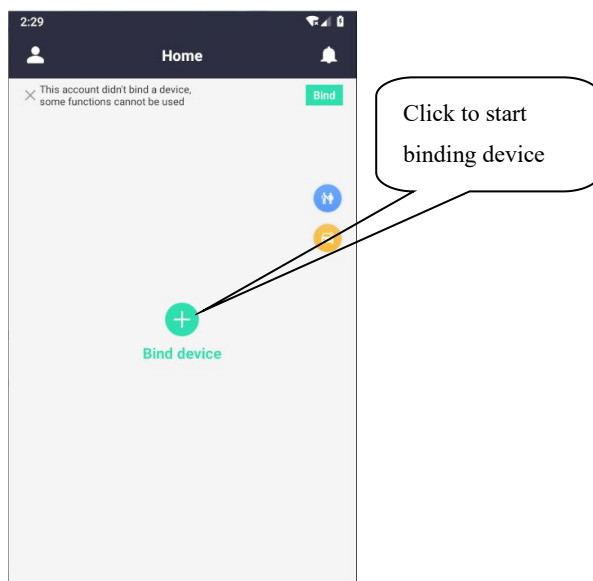
8、 Login

Enter the account, password, log in and select "BAANOOL PET".



9、 Bind device

9.1 For the first use, the app prompts to bind a pet device before it can be used

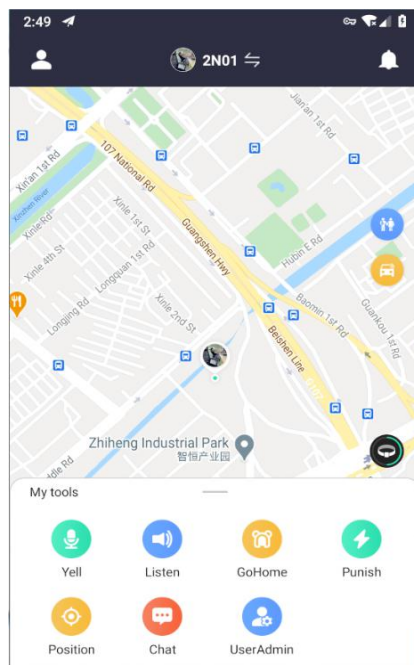


9.2 Find the barcode on the back of the device and scan the barcode to bind the device

9.3 You can also directly enter the IMEI to bind the device.

9.4 If the binding is successful, please complete the pet information, and click Back to return to the home page

9.5 Home information



10、 Yell

Click “Yell” on the homepage to enter the shouting interface. You can record the voice and send it to the bound device immediately. The device will play it immediately after receiving it. For example, you can send voice to pet to go home.

11、 Listen

Click “Listen” on the homepage to pop up the listening interface. After selecting the duration and clicking OK, tracker will record a voice of up to 30 seconds, and the app

will prompt the user to listen.

12、 Go home

Click “GoHome” on the homepage to issue a command, and tracker will actively play the recorded voice after receiving the command.

For the first time, if you didn't record the voice, APP will prompt users to add the voice. Click “Add Voice” to enter the voice list interface, and click “Record Voice” to start recording voice.

13、 Punish

Click “Punish” on the homepage to pop up the punishment interface. When pets make mistakes, they can be punished appropriately. The penalty time can be 1s, 2s, and 3s. Please make sure that tracker is in a safe environment when using this function. Do not use this function in a flammable and explosive environment.

14、 Position

Click “Position” on the homepage to issue positioning command, and the pet tracker will refresh its position immediately after receiving it. At the same time, the home page of the app will display the latest location and update time.

15、 Pet friends

Click Chat on the homepage to enter the pet social interface.

Note: Only the administrator can enter the pet social.

Search for friends: You can search for pets nearby on the APP, and click on the profile photo to view public information.

Add friends: Click Add friends to send a friend request to the pet owner

16、 Control panel

Click the round button on the homepage to pop up the control panel, and the network connection status and battery level of the current pet tracker will be displayed below the panel.

16.1 Geo-fence

Tap the switch to turn on or off the geo-fence. Click Geo-fence to enter the settings. When the device triggers the fence, the APP can receive a Geo-fence notification.

Note: The power consumption of pet tracker will increase if turn on the Geo-fence.

16.2 Report loss

Tap the Report loss switch to turn on or off it. When turned on, the pet tracker will report the latest position every time it is turned on

16.3 Local time

The pet tracker will automatically obtain the local time zone. When the time zone is incorrect, you can manually specify the time zone

17、 Message center

On the homepage, click the icon on the right side of the title bar to enter the message center. You can view system messages, Geo-fence status, listening records, low battery notifications, and location records.

18、 Check pet information

Scan the QR code on the device to view pet owner information, basic pet information, and epidemic prevention status. When pet is lost, others can use the contact information to contact the pet owner.

19、 Packing list

Package contains: Pet tracker, USB charging cable, manual.

FCC Warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.