Pet Partner Robot

food entrance · ball entrance · camera
headlight
charge electrode
food exit · speaker · IR well detect · ball exit

antenna · power switch · power charge port
rear lamp
belt track
crash barrier
reset to defaults · reset

Technical parameters

Size	363x232x280mm
Master chip	Core ARM—1176JZF@600MHz + STM32
Camera	1.0 MP
FLASH	32MB
Walking brushless motor	Rotating speed：355RPM Rated voltage：12V DC
Serving motor	no-load speed：10000±12% RPM Rated voltage：16.8V DC
Stepper motor	Starting torque：400g.cm/600pps Number of phases：2 Reduction ratio：1:25 Rated voltage：12V DC
Adapter	The output voltage：20V Output current：1A
Battery	Battery type：Lithium battery Battery capacity：2500mAh Operating Voltage：14.8V
Power consumption	Maximum output power：40W Standby power：3.2W
Temperature range	Temperature：−30℃~60℃
Humidity range	Humidity：<85%RH(No condensation)

APP installation

Method：Apple mobile phone user enter APP store to seek "ant robot" to install;Android mobile phone user enter Tencent Application to seek "ant robot" to install.

Device connection preparation

Pet robot(called robot)'s screen displays as below after it powers on：
Time and date：Display current date and time;
Electricity display：Display battery level or state of charge;
Voice identification： Voice on, voice off;
Name： Pet robot's name;
Network mode： WIFI display current WIFI name which connect with robot, hotspot display robot's hotspot name;
Status：Display current operation mode: Recharge mode, auto play mode, manual control mode;
Feeding summary： Summarize total times for feeding(manual feeding and timing feeding);
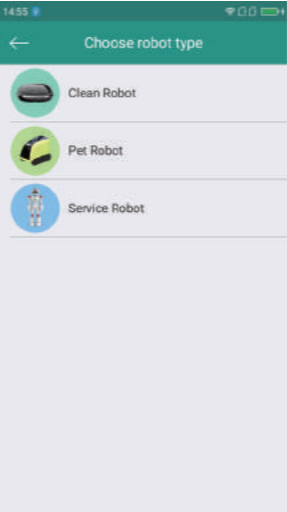

<div align="center">Picture 2-1</div>
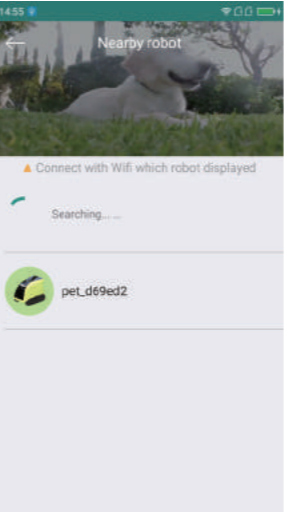
Hotspot connection with robot

Step：
1. Pet robot recharge and power on, check the hotspot name on the screen (refer to picture2-1);
2. Login APP and display "add robot" interface (refer to picture 3-1), click "add new robot"or upper right"+"to enter "add robot" interface (refer to picture 3-2);
3. Choose robot model number————"pet robot";

<div align="center">Picture 3-1   Picture 3-2</div>

4. Enter mobile phone WiFi setting interface, manually connect with pet robot's hotspot, hotspot format is "pet_xxxxxx", original password: 87654321.
5.Return APP interface, it will display pet robot which connect with the mobile phone. Click the pet robot to bind, after binding, mobile phone will connect with pet robot hotspot and realize hotspot mode contro.
⚠ **Attention**：Robot open hotspot, mobile phone must connect with the hotspot, then control the robot.

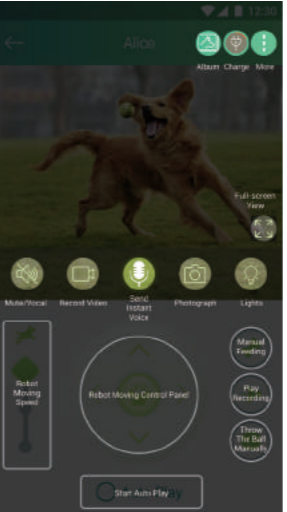<div align="center">Picture 3-3   Picture 3-4</div>

Homepage

Click "More" to enter "feeding summary" and "device setting" interface.
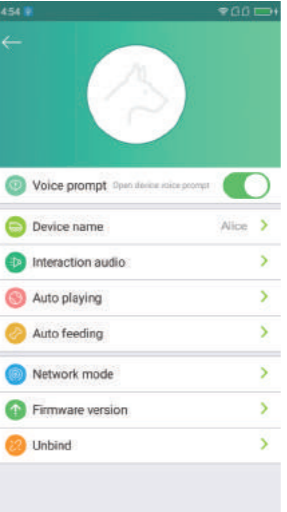## Device setting interface

Icon setting：Click icon to enter pet information setting interface, input your pet information;
Interaction audio：Custom record audio，click "play record" of control interface to play;
Auto feeding：Set timing feeding time, feeding copies and feeding audio.

<div align="center">Picture 4-1   Picture 5-1</div>

Quality certificate

Product name: Model No.:

Product ID: Production date:

Inspector: Inspection date:

Product standard:

The product is inspected and approved.
The warranty period is two years.

Warranty card

1、Since the purchase date, the product is normally used and not overhauled, belonging to product quality problem confirmed by service personnel, it will enjoy the warranty service within one year and provide maintenance under any circumstances.

2、Warranty card should be filled in upon purchasing. Warranty card will be invalid without company warranty stamp. Please bring warranty card in case of product maintenance.

Customer name: Purchase date:

Model No.:   The buyer:

Warranty records:

Robot connect with WiFi

Click "network mode" in "device setting interface", enter the interface of network mode switch (picture 6-1) .Click "switch to home WI-FI" to enter WiFi setting interface (picture 6-2) .After robot connects with WiFi successfully, you can remotely monitor your small pet in your house! (PS: If mobile phone and robot are in the same Wifi, it also can seek and bind) .

If you are the first time to remotely monitor, you need to input password. The password is robot's hotspot password (picture 6-3) . Original password: 87654321.If you have modified the robot's hotspot password, please input modified hotspot password.

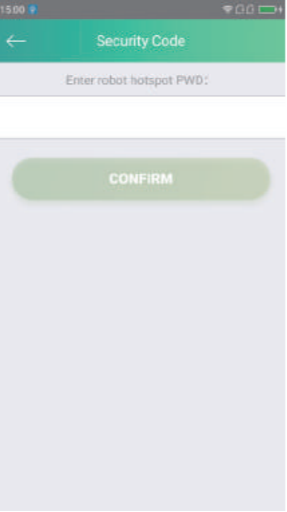⚠Attention: Pet robot doesn't support the WIFI which include Chinese and 5G router.

Picture 6-1   Picture 6-2

WiFi mode switch to hotspot mode

If you need to switch WiFi mode to hotspot mode, the step is: APP device settinginterface→network mode→switch to robot hotspot; in the WiFi setting interface, manually connect with robot hotspot.


Picture 6-3   Picture 7-1

Music play function

Mobile phone network connects with robot's hotspot or mobile phone network and robot in the same WiFi, you can use "qq music player" or "KuGou music player"to push music to robot.

Step (take qq music player for example) ：

Mobile phone network and robot in the same WiFi→open qq music player→click play choice icon (refer to picture 8-1 red frame) → choose our robot (refer to picture 8-2 pet-d69ed2) →play music.
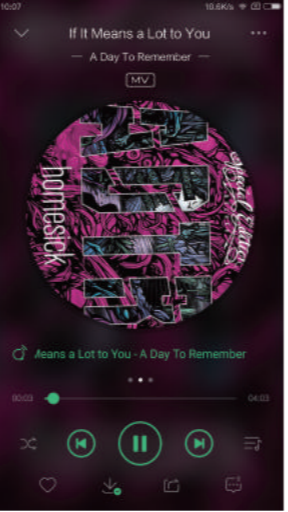
Picture 8-1   Picture 8-2

Robot button use

Reset to defaults button: Long press 5s, reset to defaults, robot's hotspot password revert to 87654321；

Reset button: Short press to reset the robot；

Charge electrode: Use charger to charge the robot；

Charge pile user manual

Indicator light display effect:

Flash LED: Normal charging；

Light all-on: Charge pile is normal and wait to charge the robot；

Light all-off: Charging is abnormal once and it will restart after 15 seconds；

Light glitter: Charging is abnormal many times and it powers off. It needs to pull out the plug to restart.

Charge pile

FAQ:

❷1.Can't connect with mobile phone.

A.Check whether the robot power on normally.

Robot display on the screen normally；

B.Check the robot is in hotspot mode or Wifi mode.

🔵WiFi mode display the Wifi name which robot connect with；

😊 hotspot mode display hotspot name of the robot；

C.If the robot is in the hotspot mode, mobile phone should connect with the hotspot to control；

D.If the robot is in the WiFi mode, you should ensure the Wifi which the robot connect with can visit internet normally, the mobile phone's network can visit internet.

❷ 2.Under hotspot mode, it can't search the hotspot during the binding

A.Mobile phone must connect with robot's hotspot；

B.Nearby robot page can't display the connected robot.

Quit the robot displayed page (refer to picture 3-3) , return to last page (refer to picture 3-2) , then enter the robot displayed page again (refer to picture 3-3) .

❷ 3.When the robot is under WiFi mode, how to bind.

A.Mobile phone network connect with robot's WiFi, it can search the robot which you want to bind.

❷ 4.After feeding service parameter is set, the robot will not provide food.

A.Check the food exit of robot is blocked or not；

B.Feeding motor is locked by food or not.

❷ 5.Input wrong password of WiFi.

A.If the device fail to connect with WiFi, it will restart,. After restarting, it is still in hotspot mode, please listen to the voice prompt.

❷ 6.How to set interaction audio name.

A.Interaction audio name only allow English letter and digit combination, don't allow to input Chinese.

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anthouse

Pet Partner Robot
User Guidance(RTP10)