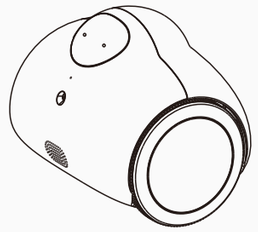
Family Robot

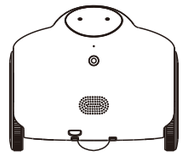
User's Manual Ver3.0

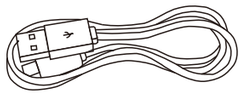


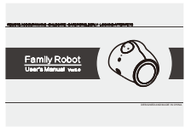
MADE IN CHINA

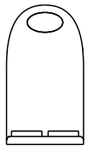
Packing List

- (1) Family Robot
- (1) Charging Stand
- (1) Charging Cable
- (1) User's manual



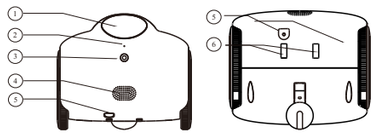






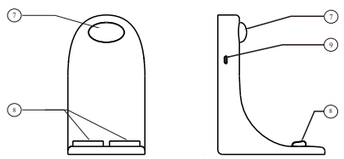
Parts Description

1.Robot



1) Indicator light
2) Microphone
3) HD Camera
4) Speaker
5) Power Button
6) Charging connectors

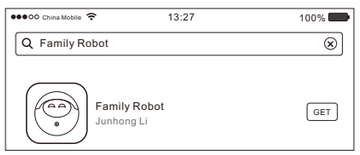
2.Charging stand



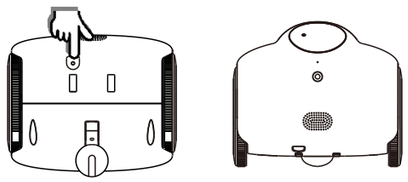
7) Sensor window
8) Charging Connectors
9) Micro USB port

Getting Started

1.Download the application "Family Robot" from the app store for iPhones or Google Play store for Android phones.



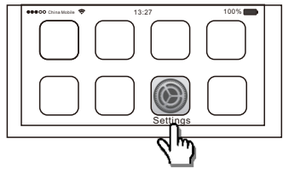
2.Press and hold the power button for more than 3 seconds. The robot's right eye should light up.



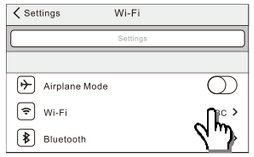
In order for the Family Robot to function properly, it needs to connect to the internet through your Wi-Fi router. You must input the SSID and password to your Wi-Fi network into the Family Robot app.

3.When both eyes are blinking, the robot is in setting mode. Let your phone join the "robot" network in the wi-fi settings. The default password is 123456789. Follow the step-by-step guide below to finish configuring your robot.

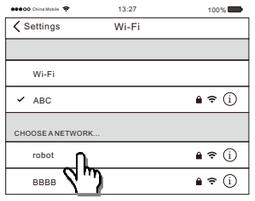
Step1



Step2



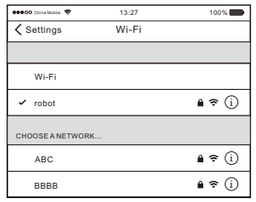
Step3



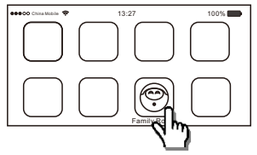
Step4



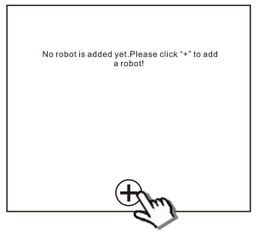
Step5



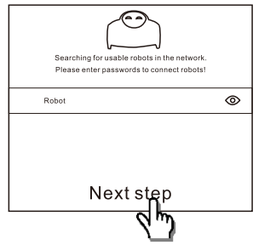
Step6



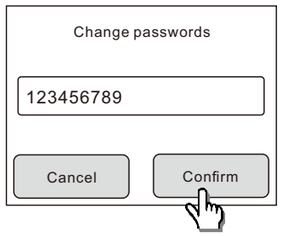
Step7



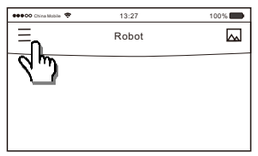
Step8



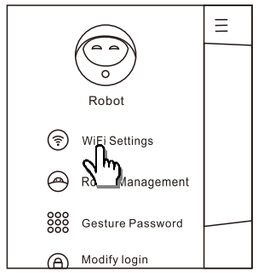
Step9



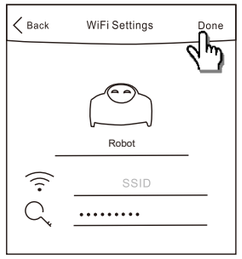
Step10



Step11



Step12



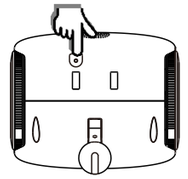
Select a SSID and input the right Password, then press "Done"

4. The Robot's Wi-Fi settings are now complete. After a moment, both eyes will stop blinking and will remain solid instead. This confirms that the Robot is properly connected and ready to operate. The main interface will show the robot's live video feed indicating that it is ready to use. Now you may switch the robot to any Wi-Fi network other than "robot". You can now use the application to control the Robot anywhere in the world.

Switch on/off.

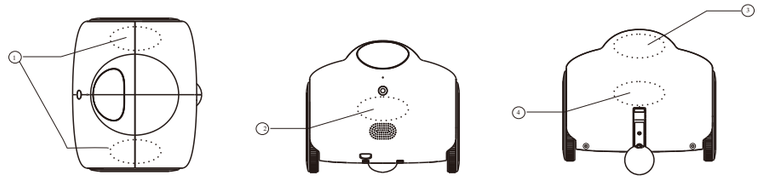
Switch on: Press the button and hold for more than 3 seconds until the left eye lights up. The wheels will spin briefly.

Switch off: Press the button until the two eyes turn off.



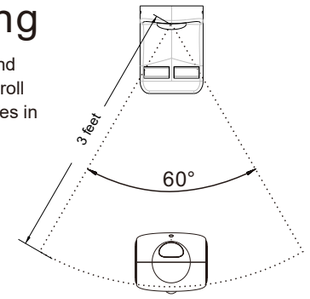
Touch interaction

1.Tap the left or right shoulder —— Robot turns left or right.
2.Rub the Belly ——Robot laughs
3.Rub/Tap the back of the head——Robot turns around.
4.Rub/Tap the buttocks ——Robot gives a shy expression.



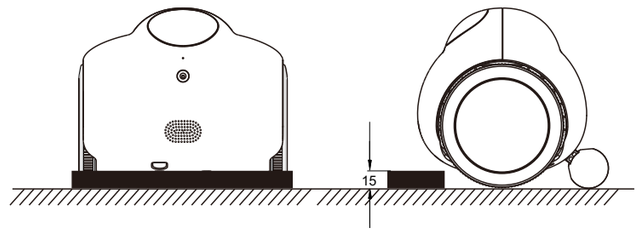
Semi-automatic charging

By facing the robot within 3 feet of the charging station and pressing the "charge" button, the robot will automatically roll onto the charging station. Make sure to clear any obstacles in the way that might prevent the robot from reaching the charging stand.



Parameter

- Working environment: indoor(Hard ground)
- Operating temperature:0℃-50℃
- Storage temperature: -10℃-70℃
- Operating & Storage Humidity: 50℃(5~95)RH%
- Air pressure:86-106kPa
- Camera resolution：720p
- App support： iOS、 Android
- Wireless network: 802.11b/g/n
- The lithium ion battery capacity:□□3.7V, 4200mAh
- Charging time ≤ 8h,
- Charging current ≤1 .5A
- Active time≥5h; Standby time≥9h
- The charging voltage：5V
- Charging mode: Semi-automatic
- Robot Weight:870g
- Charging stand weight:150g
- G. W.:1325g
- Robot Size (L*W*H) 185*150*151mm ^{3}
- Charging Stand Size (L*W*H) 115*82*150mm ^{3}
- Horizontal Viewing Angle: 66°,
- Vertical viewing angle:56°.
- Across the barrier: Height of barrier ≤15mm (Upright or backward position).



Operating “Family Robot” Application

Add Robot

While the phone and robot are sharing the same network, press the + sign at the bottom of the screen and the Robot will appear in the list. If your phone and the Robot do not share a network, the screen shown at the bottom right will appear. You can add a Robot by scanning a photo of the QR code underneath the Robot. You can share the QR code picture with a friend, so your friend can add the Robot remotely as well

Select Robot

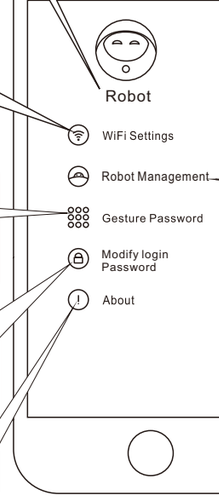
A mobile phone can support multiple Robots. Each Robot can be named by its user. Yo u can switch between different robots in "Robot Management”.



Your Robot's name. You can change its name in Wi-Fi settings.

Users can set Wi-Fi and modify the Robot's name as showed below.

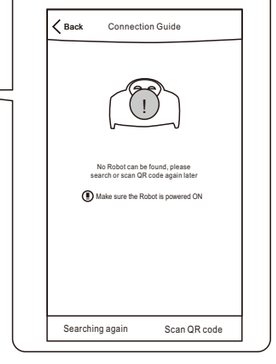




If you choose to open gesture password, the software will automatically open gesture password settings interface.

Your Robot's password can be changed here by entering the current password and the new one you'd like to change to.

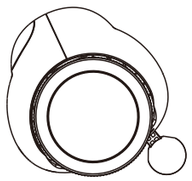
Information about your Robot such as software version.

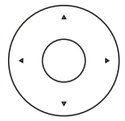


The **UP** and **DOWN** buttons. Press the up button and the Robot will raise its head .



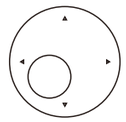
Press the down button and the Robot will lower its head.

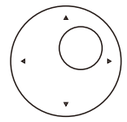




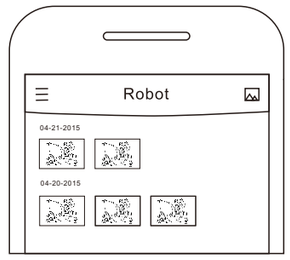
Slide the Joystick up and hold it for Robot to move forward. Holding the joystick down will make the Robot move backward. Let go and the robot stops.

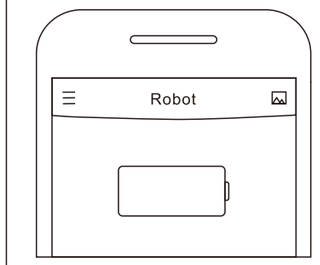
Move the joystick to the left or right, and hold, and the robot will turn in place to the respective direction. Let go and the robot stops. Tapping the up or down button will make the Robot go forward or backward in small steps. Tapping the left or right buttons will make the Robot turn left or right in place by small steps. Continuing to hold the joystick and moving it in different directions will make the Robot move in respective directions without stopping.





Album Button



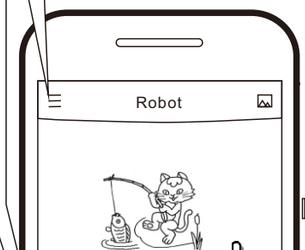


Battery indicator and charging button.

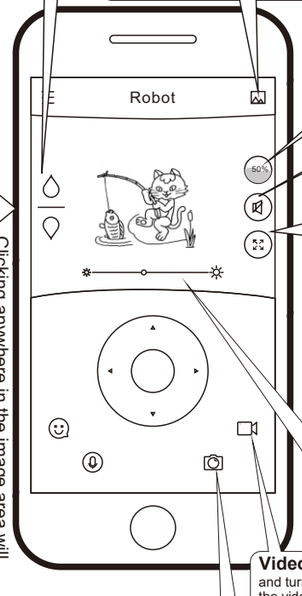
Pressing this will automatically make the Robot go to its charging stand. When the robot starts charging successfully, a charging battery will be displayed in the image area instead of real-time video.



The **Expressions** button. Clicking this will make expression symbols expand over the button as shown in figure to the left. Press one of the symbols and Robot will perform the corresponding expression.

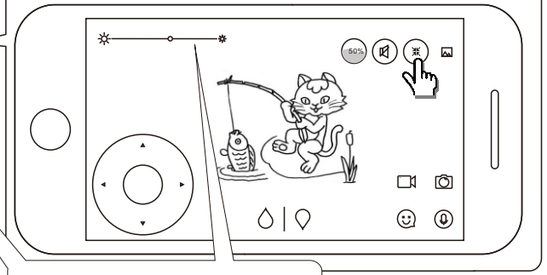


Clicking anywhere in the image area will make more buttons appear

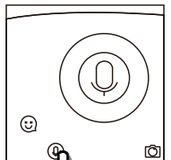


Mute Button

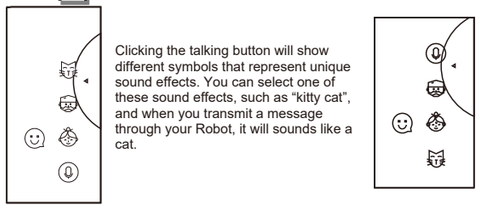
Landscape mode Button. Pressing this button will change the screen orientation to landscape. This will cause the video resolution to go down to 720p. Clicking it again will change the orientation back to portrait.



Exposure regulator.
This slider allows you to adjust the exposure making the image lighter or darker as needed.



Talking Button. Pressing and holding this button allows the user to transmit a message through the robot. Simply hold down the button, speak your message into the microphone, and release the button once you're finished. The robot will then play your message.



Clicking the talking button will show different symbols that represent unique sound effects. You can select one of these sound effects, such as “kitty cat”, and when you transmit a message through your Robot, it will sounds like a cat.

Video Recording Button. Pressing this starts a recording and turns into a red square. Pressing the red square again will end the video recording.

The **Camera Button**. Pressing this will make your Robot take a picture and save it to your album.

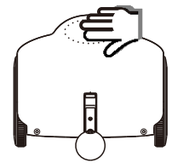
Precautions

1. The product can only be used indoor.
2. Do not use this product in water. Do not pour water on product. The water may damage printed circuit board inside. Do not submerge.
3. Avoid using the product in high places. (e.g. Table, counter, etc..)
4. Please note that any obstacles placed around the charging station within a distance within 3 feet will make it difficult for Robot to find its charging stand.
5. Considering that there are a lot of power adapters in most residences, so the adaptor is not specifically configured. Please use brand power adapter to avoid leakage and other accidents. The output current of adapter must more than 1.5A.
6. Before you start to use it, you must input the SSID and Password to it, so the Robot can connect to internet.

Common problems

1.Forget the login password

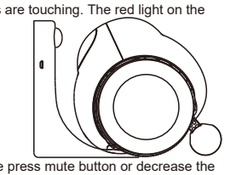
Put the Robot on the Charging Stand and touch the back of its head then the Robot will beep. Touch it 3 times in a row and an alarm will sound. **If you touch it again** , for the fourth time, the Robot's login password and Wi-Fi settings will restore to the factory settings. When you restore to factory settings, the Robot will make “ooho” sound after resetting. You will later need to reset the Wi-Fi and enter the Wi-Fi password “123456789” when you operate it again. (If the robot doesn't respond to touch, take it off the charging stand. It will make a "ding" sound. Then, place back on the charging stand. Repeat this 4 times to reset login password and Wi-Fi settings.)



2.Robot is not online

Please check the indicator of Robot,

- If the two eyes are both lit, please check if the router is connected to the internet.
- If only one eye is lit, please check if the router was switched off. If the router was changed or SSID/ PASSWORD of the Wi-Fi was changed, the Robot will not work because it can’t find the router. You should restart the Robot, then follow the steps in “Getting started” to set the Wi-Fi again.
- If neither of the eyes are lit, please try to switch the Robot on. If you cannot switch it on, the battery voltage is too low. Please place robot on charging stand making sure that the charging electrodes are touching. The red light on the Robot's head will light up.



3. Video is not smooth

If the network speed is slow, the video will not be smooth. In full screen mode, it will require faster speed to ensure smooth video.

4. Howling

If the Robot and the cell phone are in the same room, howling may occur. Please press mute button or decrease the phone volume until the howling disappears.

5. One more Robot

If you have one more Robot, you have to give each a unique name, so you can identify them.

6. Back light

In backlight condition, the body may be very dark. You can use the exposure regulator to increase brightness.

7. Battery doesn't fully charge.

If you find that the battery cannot be fully charged, please test your power adapter. If the max output current is less than 1.5 A, it can lead to the battery not charging.

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.

Caution:

Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

FCC ID: 2AFWGRANABABY