PadBot X1 User Manual

X1   Content

X1 Content

X1 Parts Identifications

1.Parts Identifications

Head Sensor

10.1'' HD Screen

Light Bar

Collision Prevention &
Anti Falling System

Remark: Please turn on Main Switch firstly, then long press Head Switch to turn robot on.
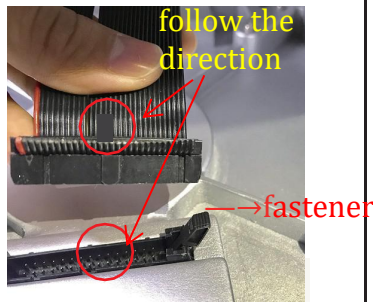
2. Accessories

Charger x 1

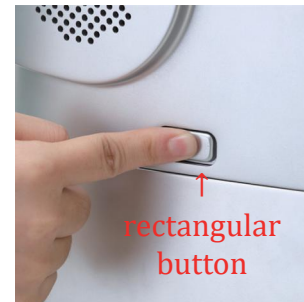Charging Base x 1

X1 How to Install

1. Connect wire in robot body with wire in robot base correctly, picture attached to follow.

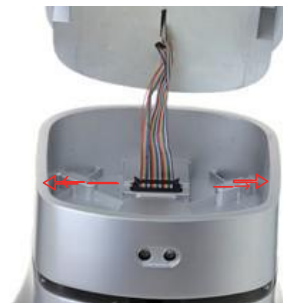2. After fix wires, put robot body in base and finish installation.

follow the direction

→fastener

How to Disassemble：

1.Press these two buttons and take robot body apart.

rectangular button

2.Loosen fastener at the same time to remove robot body from base.

X1 How to Charge

1. Robot equips with lithium battery, please charge robot fully in the first time to guarantee normal operation.

2. During charging, the charger light will be red, when charge fully, the charger light will be green. While charger still shows green when connects no robot.

3. Two ways to charge robot:

3.1 Way one: Charging by DC charging port.

3.2 Way two: Connect Charger into Charging Base, use Charging Base to charge robot. After turn on " Auto Charge" function in App, robot will find charging base automatically if short of battery to charge itself. After finish charging, it will leave charging base automatically.
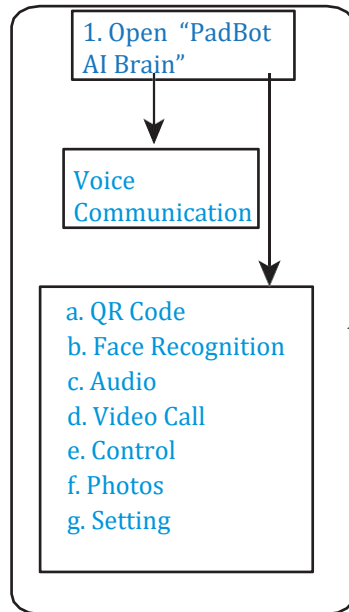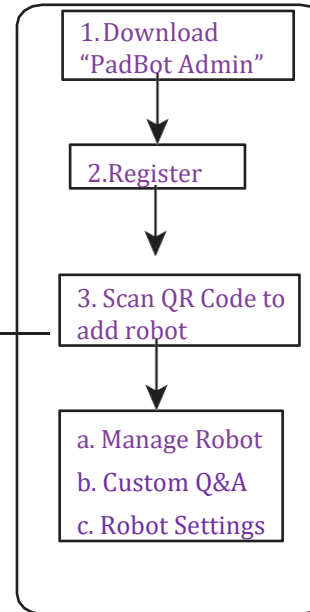
X1 **How to Switch On**

Step ONE: Turn Main Switch on, and light bar shines.

Step TWO: Long press Head Switch until screen turn on.

Head Switch

Main Switch

After switch robot on, please open "PadBot AI Brain" application in robot, and download "PadBot Admin" App in phone as the User Side.

Robot Side (PadBot AI Brain APP)   **User Side (PadBot Admin App)**

Robot Side:
- 1. Open "PadBot AI Brain"
- Voice Communication
- a. QR Code
  b. Face Recognition
  c. Audio
  d. Video Call
  e. Control
  f. Photos
  g. Setting

User Side:
- 1. Download "PadBot Admin"
- 2. Register
- 3. Scan QR Code to add robot
- a. Manage Robot
  b. Custom Q&A
  c. Robot Settings

Scan QR Code

1.Open "PadBot AI Brain" App to enter into voice communication interface to start chatting with robot.

2. Voice communication supports Chinese and English and choose according language inside Settings. Robot will fall asleep automatically if communication stops 1min (or you can set 0s，10s，20s，30s，40s and 50s to make robot sleep). During sleeping status, can use " Hello, Robot" to wake robot up. And you can also touch screen to awaken robot or stop robot's speaking.
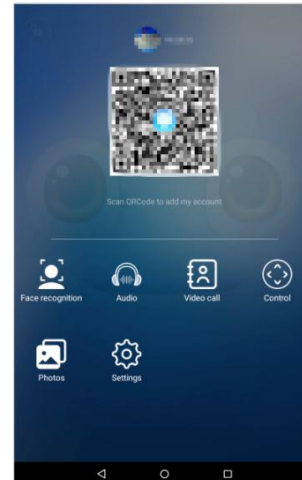
Scan QR Code to add robot

Voice Communication Page

• Basic voice communication and Media broadcast

In robot voice communication interface, you can ask it to answer basic questions and broadcast media, and please speak slowly.

Communication Examples:

Movement Instructions：

 " go forward", " go backward", "turn left", "turn right", "look up", "look down", "stop moving", etc.

Use "Play a song", robot will play a song randomly.

X1 **PadBot AI Brain--Custom Q&A**

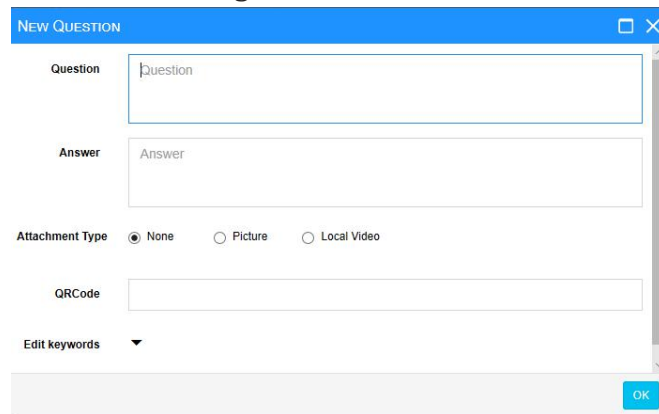Custom Q&A enables user to edit specific information inside robot to help introducing.

1.How to Use Custom Q&A

A.Use PadBot Admin APP to edit questions and answers and submit, details showed in Page22.

B.Use cloud platform website: cloud.padbot.cn to edit, which should log in with PadBot Admin account.
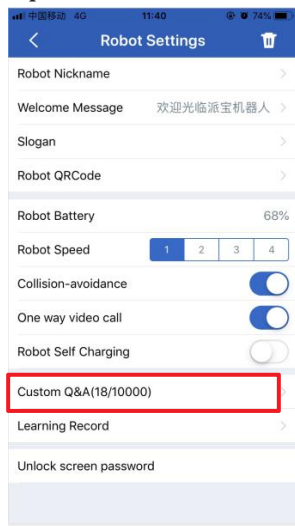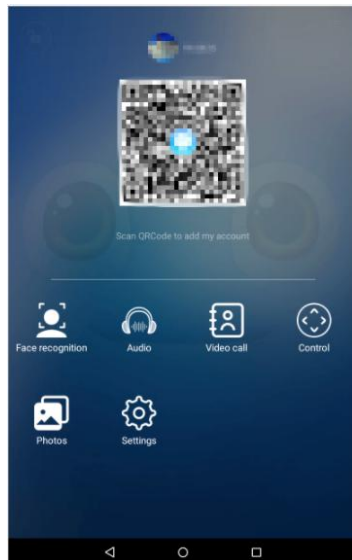
User Side--PadBot Admin App

Web side--Cloud Platform
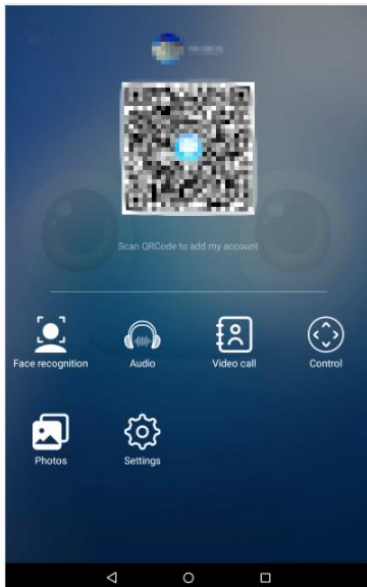
X1 PadBot AI Brain-- Main Interface

Sliding Screen from right to left will enter into Main Interface. In this page, there is the QR Code of robot for users to scan. The one who scan firstly will be administrator of robot, others will be normal users.

Main Interface

1.Face Recognition: to add new faces and edit face groups.

2.Audio: play stories and nursery rhyme.

3.Video Call: Do video chat with user under Internet.

4.Control: Control robot to move forward and backward, look up and down.

5.Photos: Check pictures took via voice command "take a photo"

 or received from Video Call.

Main Interface

6.Settings:

A.Speed: to change robot's moving speed, 4 levels, the higher, the quicker.

B.Robot Auto Charge: After turn on, robot will find charging base automatically

when battery lower than 20% to charge itself.

Please turn this function off if no charging base nearby.

C.Collision Prevention: Open to enable robot to detect obstacles.

D.Screen Lock Password: After set, the robot will stay in voice communication page.

E.Welcome Message Playing Conditions: According to request, to set whether

you need to play welcome message.

F.Robot Sleep Management: Set robot play videos or slogans in sleeping status.

G.Voice Interactive Prompt: To guide customers how to communicate with robot,

administrator can set questions customers may want to know from robot.

The prompt will display on voice communication interface as "you can ask me: xxx .
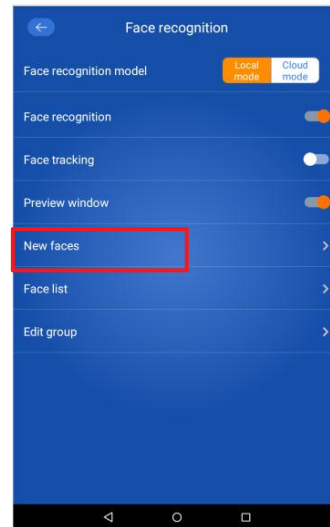
X1 PadBot AI Brain--Face Recognition

After turn on Face Recognition function, robot will figure out the faces in voice communication page.
To use this function, please add new faces firstly:

In robot Main Interface, click Face Recognition, and click New Faces, following instruction to register new faces. Adding new faces support video register and image register.
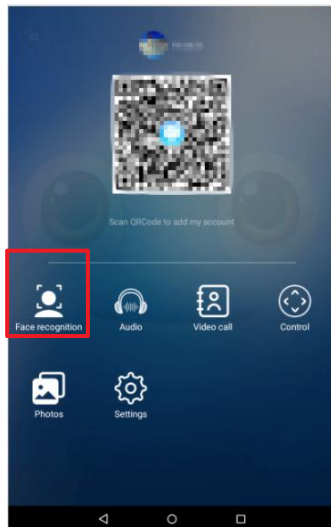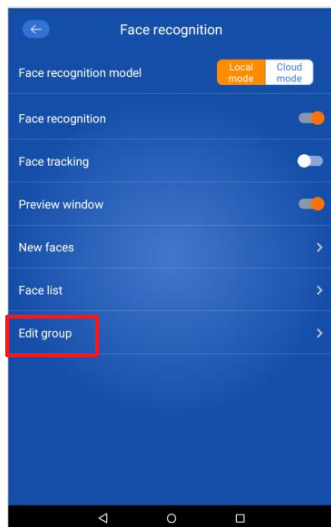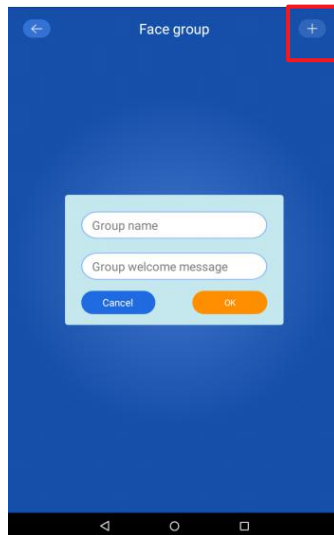

Main Interface

Face Recogniiton Page

X1 PadBot AI Brain--Face Group

Robot can broadcast according message according different groups.
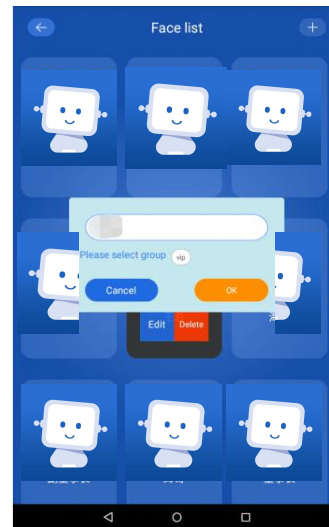
1.In Face Recognition page, choose "Edit Group", using "+" to add new group and according messages.

2.After edition, use "Face List" to arrange registered faces to according groups.
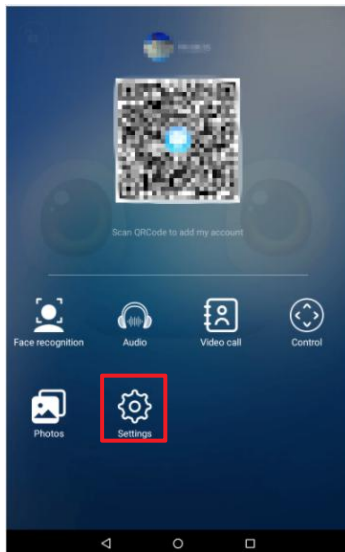

Face Recognition Page
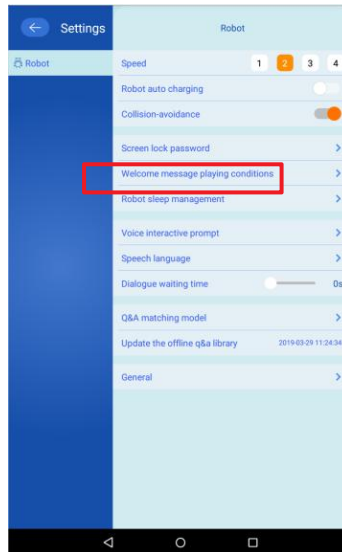

Face List Page

Face List Page

X1 PadBot AI Brain--Welcome Message Playing Conditions

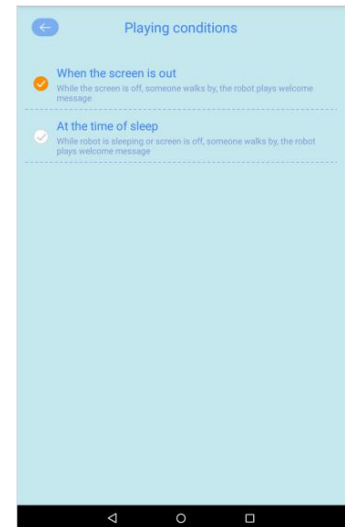To use this function, please edit "Welcome Message" first in "PadBot Admin" App (details in page 21).
1. In robot Main Interface, click Settings → Welcome Message Playing Conditions to choose.
2. Choose the condition you want to broadcast.
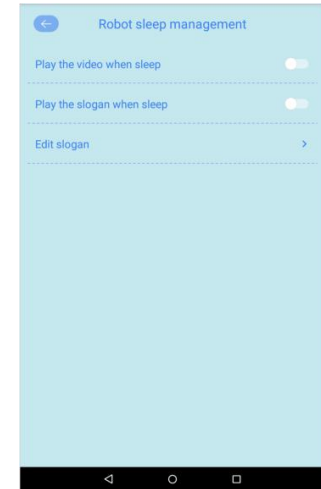

| Main Interface | Settings Page | Playing Conditons |

X1 **PadBot AI Brain App--Robot Sleep Management** ━━━━━━

This function is to set robot playing promotional videos or slogans during sleep status.

1.In robot Settings, click Robot Sleep Management to choose the status you want.

2.To play promotional slogans, just need edit and submit.
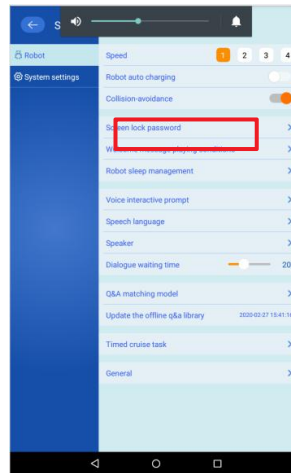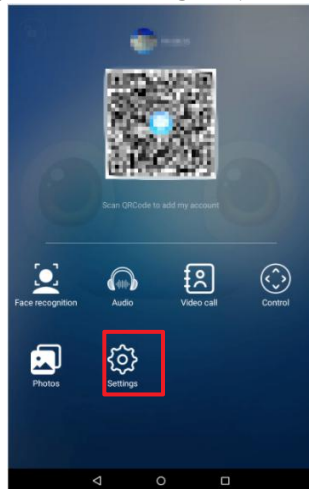
3.To play videos, should load videos inside first.

Copy the MP4 form videos into this folder in brain tablet: storage/emulated/0/padbot/video.

We suggest using handshaker(https://www.smartisan.com/apps/#/home) in computer to transfer the videos.

Via this App, when you connect computer with robot brain, you will see the notice and please confirm.

PadBot AI Brain--Voice Interactive Prompt

This function is to guide customers to communicate with robot.

1.Click Settings→Voice Interactive Prompt.

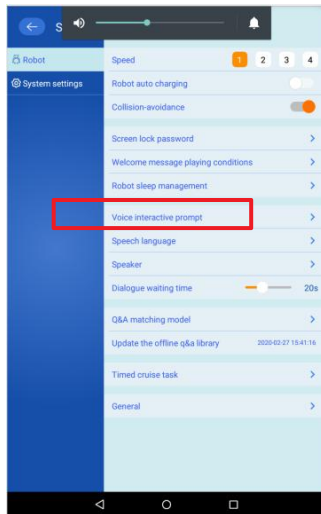2.Edit prompt question, and choose display style: Barrage mode or Scroll mode.

Settings Page
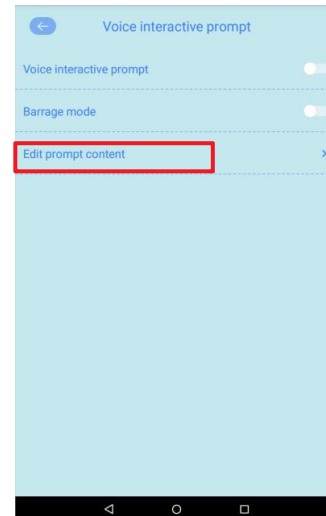
Voice Interactive Page

X1 How to download "PadBot Admin" APP

Please bind a administrator when firstly use the robot.

Log in "PadBot Admin" APP, and scan QR Code in "PadBot AI Brain" APP.

(Please download "PadBot Admin" APP in your phone first)

Ways to download"PadBot Admin" APP in iOS phone:

1. Search "PadBot Admin" in App Store.

2.Scan below QR Code to download.

iOS

Ways to download"PadBot Admin" APP in Android phone:

1.Search "PadBot Admin" in Google Play.

2.Scan below QR Code to download.

Android

X1 **How to Use PadBot Admin App**

1.Open PadBot Admin App, and register with phone number.

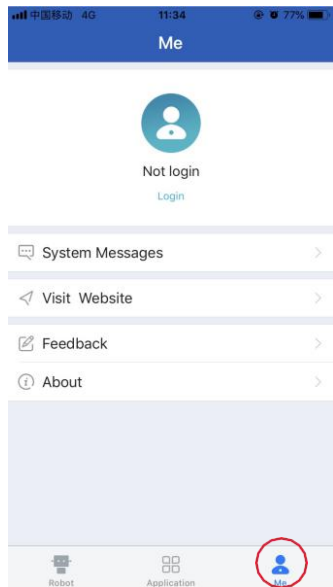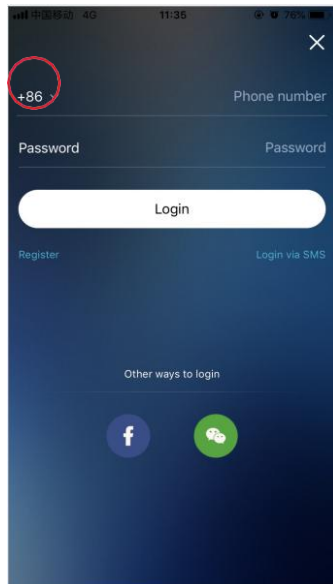2.After log in, click top right corner to scan QR Code in robot, becoming robot's normal user or administrator.

Scan QR Code

only works in P3 model

Me Page

Log in Pgae
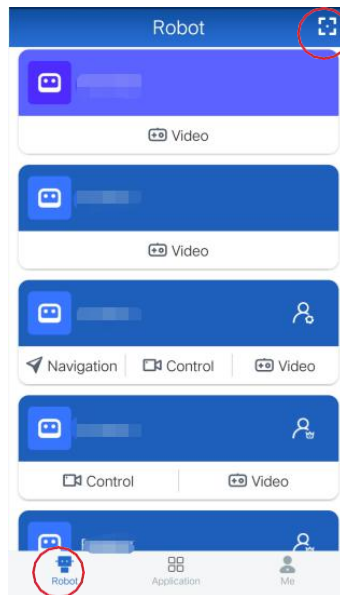
Robot Page

Application Page

X1   User Rights in "PadBot Admin"
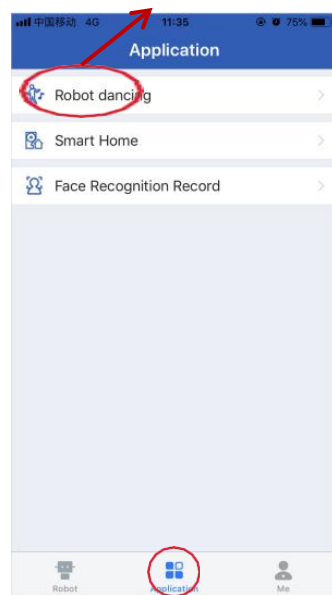
For Normal Users:

the one who doesn't scan robot firstly, this robot is a friend robot. A robot can have many normal users. User Rights:

1.Send video call to robot and can control robot to move if call answered.

2.Check part information of friend robot like icon, nickname, electric quantity, speed, collision prevention and auto charge.

3.Delete this friend robot.

For Administrator:

the one who scan the robot first, and robot will be "my robot". One robot can only has one administrator, one administrator can administrate several robots. To change administrator, administrator can delete the robot directly or transfer this robot to a normal user.

X1 User Rights in "PadBot Admin"

User Rights:

    1.Send video call to robot, and can control robot to move around after connected.

    2.Check robot information, like QR Code, battery.

    3.Set robot information, like icon, nickname, welcome message, speed, collision prevention and auto charge.

    4.Administrate friends of robot, including administrator and normal users, and set whether auto answer a specific user, and can delete normal users from friend list.

    5.Unbind with robot, ceasing to be the administrator means all the Custom Q&A lists will be delete, better to transfer administrator to a normal user before unbind.

    6.Unlock Screen Password.

    7.Add or delete Custom Q&A, can also use this function in web: open.padbot.cn.

    8.Open One-Way Video Chat. When open this function, when you send video call to robot, the robot side will still on voice communication page, and won't deliver videos or voice in your side to robot side. Meanwhile, robot side will return videos, voices to your side, and robot will speak out the texts your side writes.

X1 **User Rights in "PadBot Admin"**

Difference Between Super Administrator and General Administrator:

1. Super Administrator has friend management, can set whether to auto answer a certain user, and authorize or transfer administrator right, even delete normal user; general administrator doesn't have above rights.

2. Delete robot, when super administrator deletes robot, all infomation in robot will be empty, including Custom Q&A. So better transfer robot to other user, not delete directly. While general administrator's deleting operation won't affect.
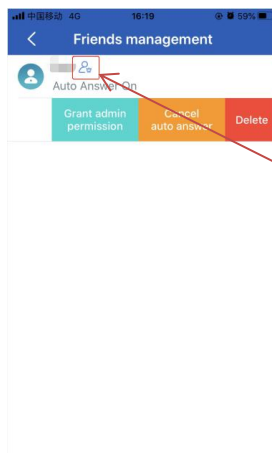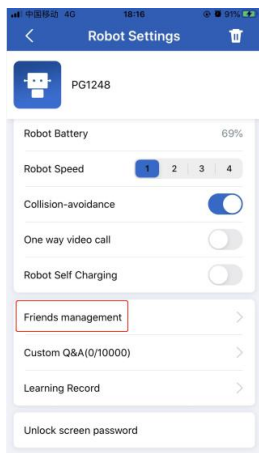
super administrator icon

PadBot Admin--Welcome Message & Slogan ━━━━━━

1. Welcome message: broadcast after robot is waken up (only work once after each wakent up). Administrator can choose according serial number to Robot Settings page to edit.

2. Slogan: keep broadcasting during robot's sleeping status, it can also be edited in PadBot AI Brain-- Robot Sleep Management (Page 14).

Robot Page   Robot Settings Page   Robot Settings Page
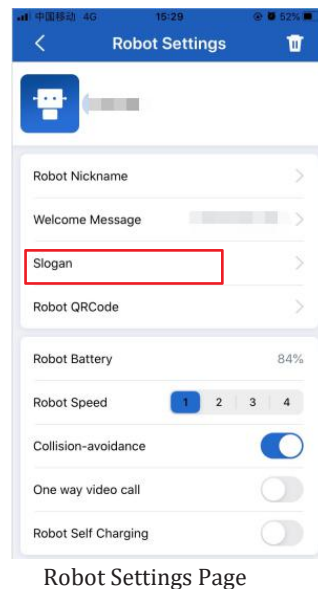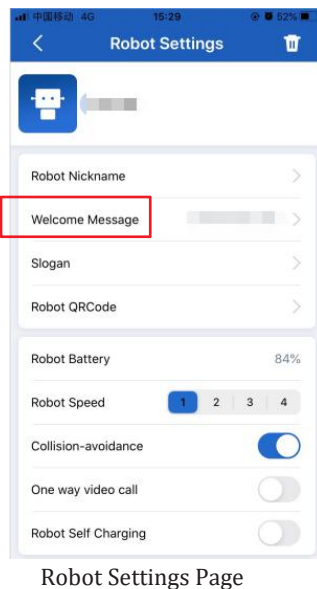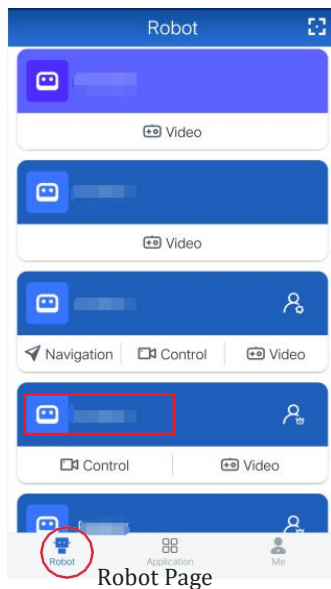
X1 **PadBot Admin--Custom Q&A**

Custom Q&A function enables user to edit specific infomation they need robot to help to answer.

1. In Robot Settings page, administrator can use Custom Q&A to add infomation.
2. After submit all Q&A, please use PadBot AI Brain-Settings--Update the Offline Q&A Library to refresh and guarantee using.
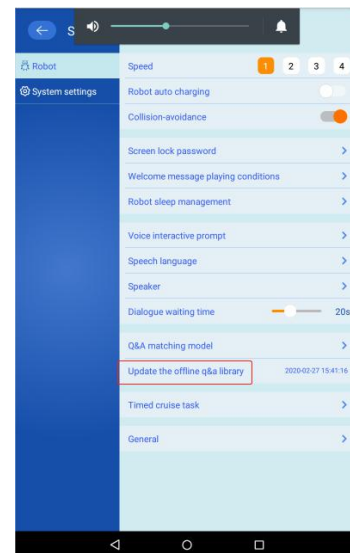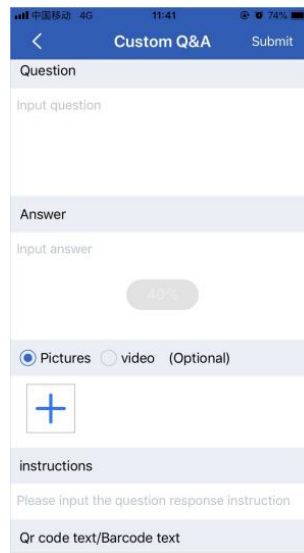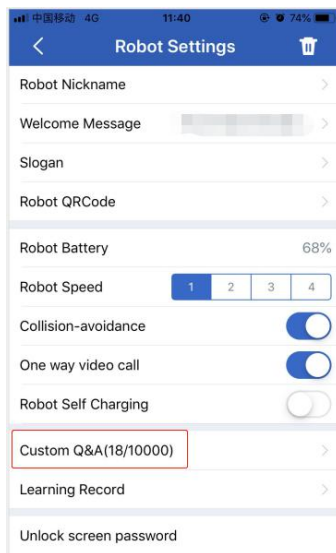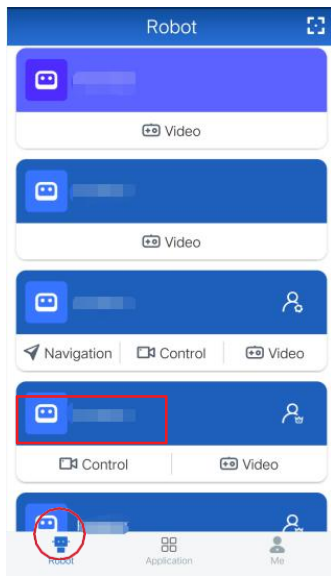
PadBot AI Brain--Settings

X1 **PadBot Admin--Control**

Administrator can control robot's movement even not in video chat condition, thus can control robot to scan map via handhold dveice. In Control page, user can adjust robot's speed, auto charging, etc.

(Dance function only works in P3 robot)
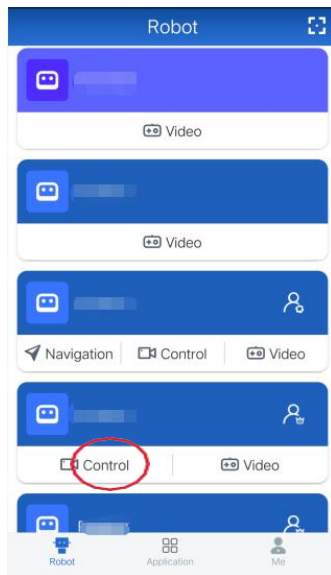
Control Page

X1 PadBot Admin--Video

Two-Way Video Call
1. In PadBot Admin→Video, to send face to face video request. After call connected, user can do video chat with robot side and control its movement.
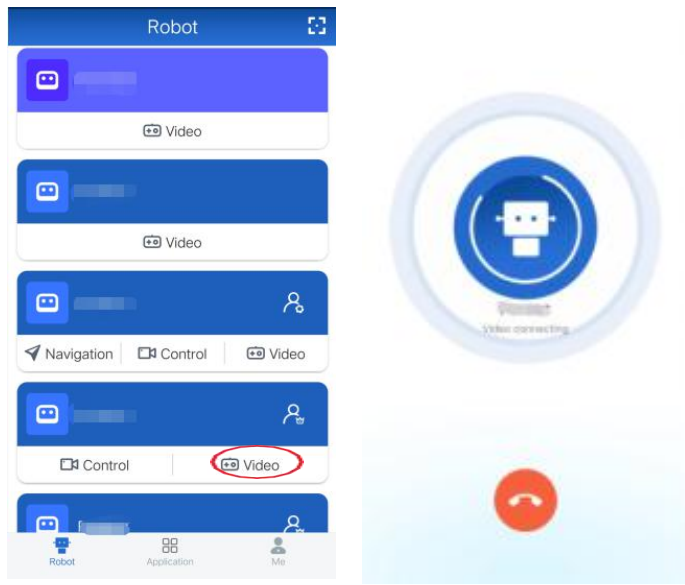
2. User can control robot's movement during video chat, and adjust specifications via "setting" button.
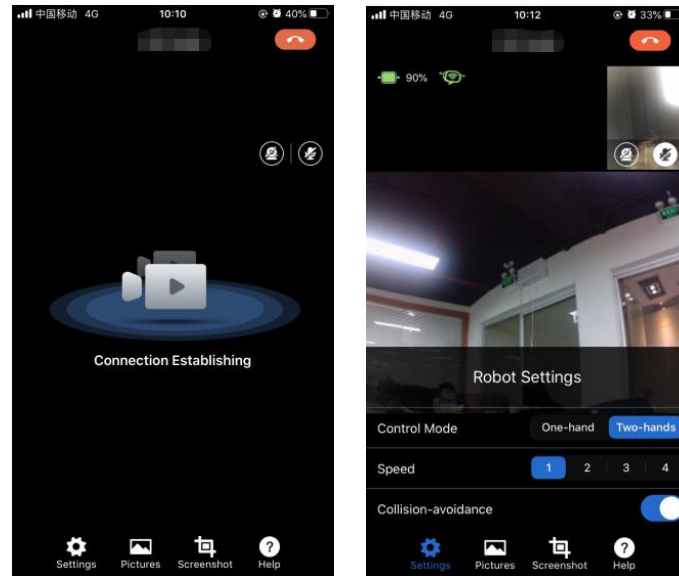
X1 PadBot Admin--Video

One Way Video Call

1. As administrator, choose according serial number to Settings Page to set whether open One Way Video Call.

2. After open One Way Video Call, when administrator contacts robot, the robot will stay in face expression page without showing video and voice in user side. While administrator can receive video and voice from robot side, and control it to move around. Also, robot will speak out the message user side types.

X1 Technical Support
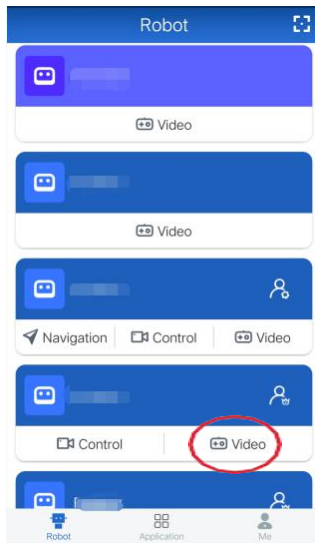
A.Cannot do Auto Charging

1.Check if robot opens Auto Charge function. Click "Settings" in PadBot AI Brain to check if "Robot Self Charging" opened.

2.Using charger to charge robot, if indicator light goes red means the robot can charge successfully.

3.Plug charger into charging base, and pull robot to charge through charging base.If the indicator light goes red means the robot can charge successfully.

B.How to use Custom Q&A?

Only the administrator account can edit Custom Q&A, please follow the guidance in User Manual.

C.How to Set Robot Greet Customers?

Set greeting words in advance, and robot will greet customers when they approach about 1.5 meters.

D.Emergency Button

When robot cannot move as controlled, please check if the Emergency Button is open.If this button is pressed down, the robot won't move in any control. To protect robot, we will press it down in delivery, please screw the button clocwisely to close.

E. How to Set Auto Answer

When user send video call via phone, the default setting is auto answer.

For Android devices, "PadBot Admin" supports auto answer in locking screen status or App runs in background status.

For iOS devices, "PadBot Admin" cannot auto answer in locking screen status or background status, only supports running in foreground status.

F.Cannot Answer Video Call

1.check the camera of robot brain to see if it works normally.

2.Check if open authorization for camera and microphone in phone devices.

E.g: to open camera authorization in iOS phone is "Setting→Privacy→Camera→PadBot Admin".

3.Check if Internet works fluently.

4. Please uninstall the App and install again if still not working.

G.Does it Support Group Video Chat?

For now, it can only support one to one video call.

H.How can My Family and Friends add My Robot to do Video Chat?

Please download "PadBot Admin" and register, they can scan robot's QR Code to add robot and do video call.

I.There is noises in video call.

When communicating parties stay in same place, the mutual voices will interfere with each other and make noise. It won't happen in distant call.

About US

Matters need Attention:

1.Please do not cover robot's collision prevention sensor to avoid any interference.

2.Please do not toss or throw robot or shake it mightily.

3.Please put charger or charging base in proper places for convenient charging.

4. Wrong type of battery may evoke explosion, please do follow instructions to dispose used battery.

Contact US

Inbot Technology Ltd.

ADD: Room 1221-1222, No 140, West Zhongshan Ave, Tianhe District,

Guangzhou, Guangdong, China.

Email:contact@padbot.com

WEB: en.padbot.com

TEL: 0086 20 38456676

We bear no responsibility for any mistakes made by software update or misprinting.。

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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

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