

Smarter

Technical Support Dept.

Oct 2019

New WIFI Control
and
Intelligent Speaker

CONTENTS

1. Midea WIFI Control
2. FAQ of WIFI Connection
3. WIFI Control and Intelligent Speakers



A decorative graphic on the left side of the slide, consisting of concentric circles and radial lines in shades of blue and red, resembling a stylized gear or a data visualization.

/01

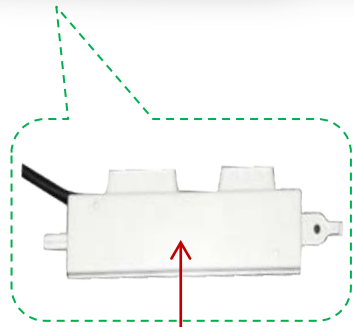
Midea WIFI Control

Supporting text here.

When you copy & paste, choose "keep text only" option.

Midea WIFI Control

Control Frame



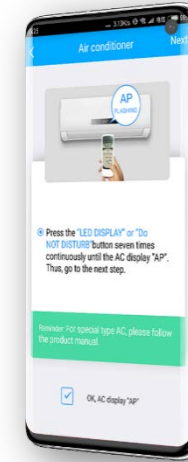
Wifi Module



Router

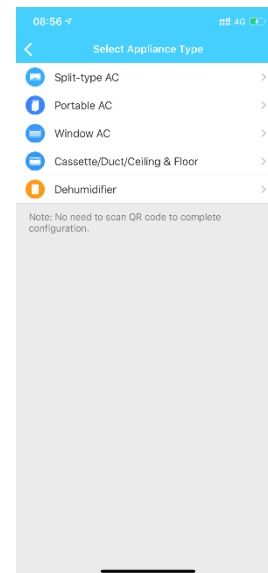
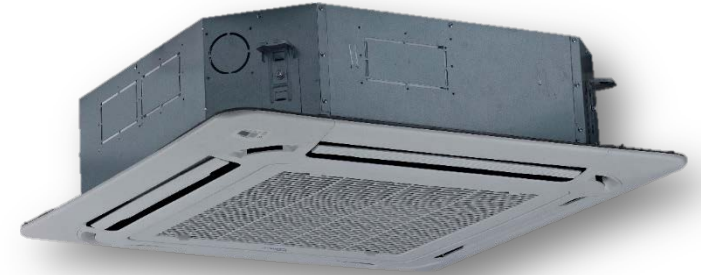


Cloud servers & Internet



Midea WIFI Control

More Available Products



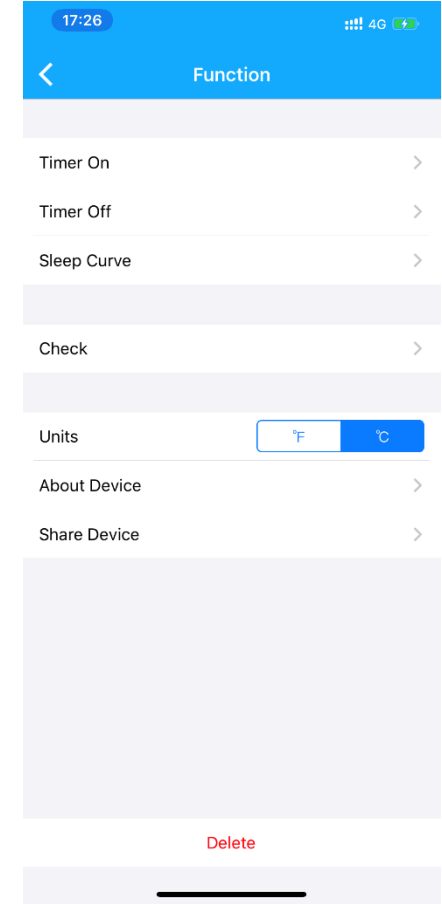
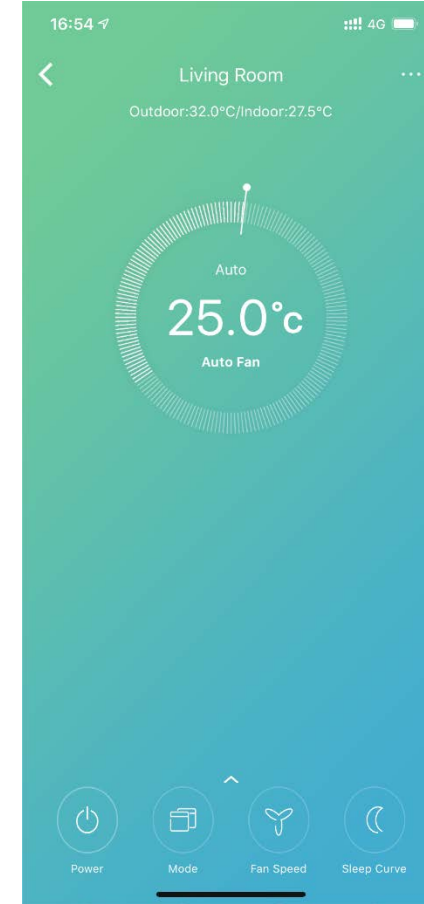
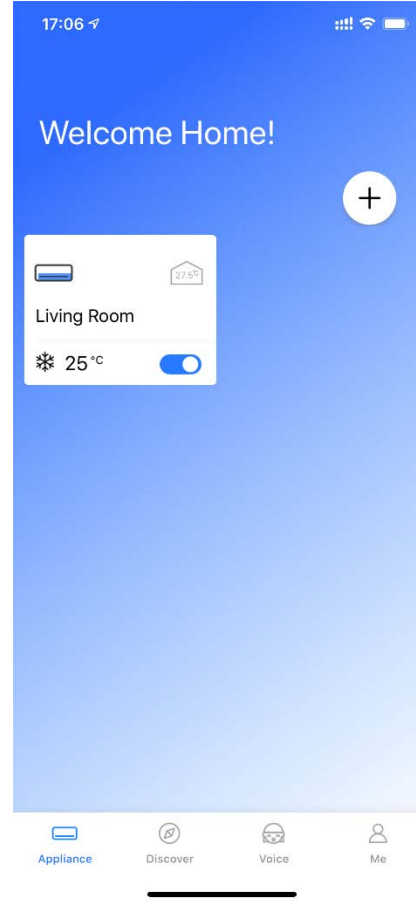
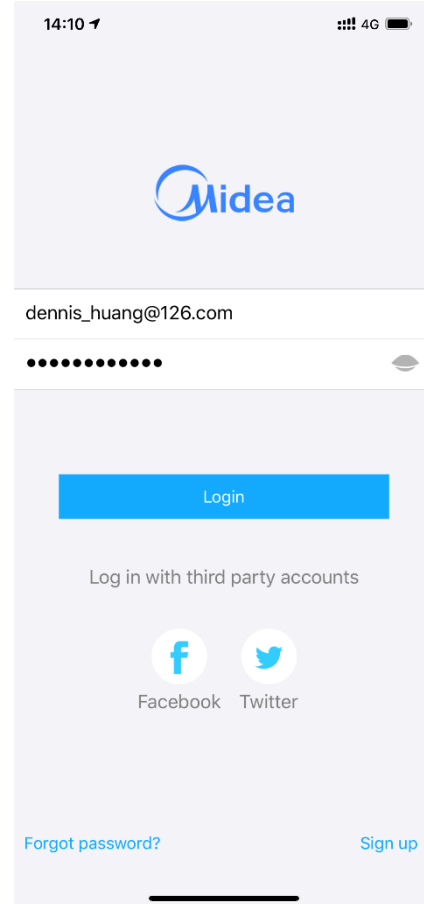
Midea WIFI Control

New APP Interface



Midea Air

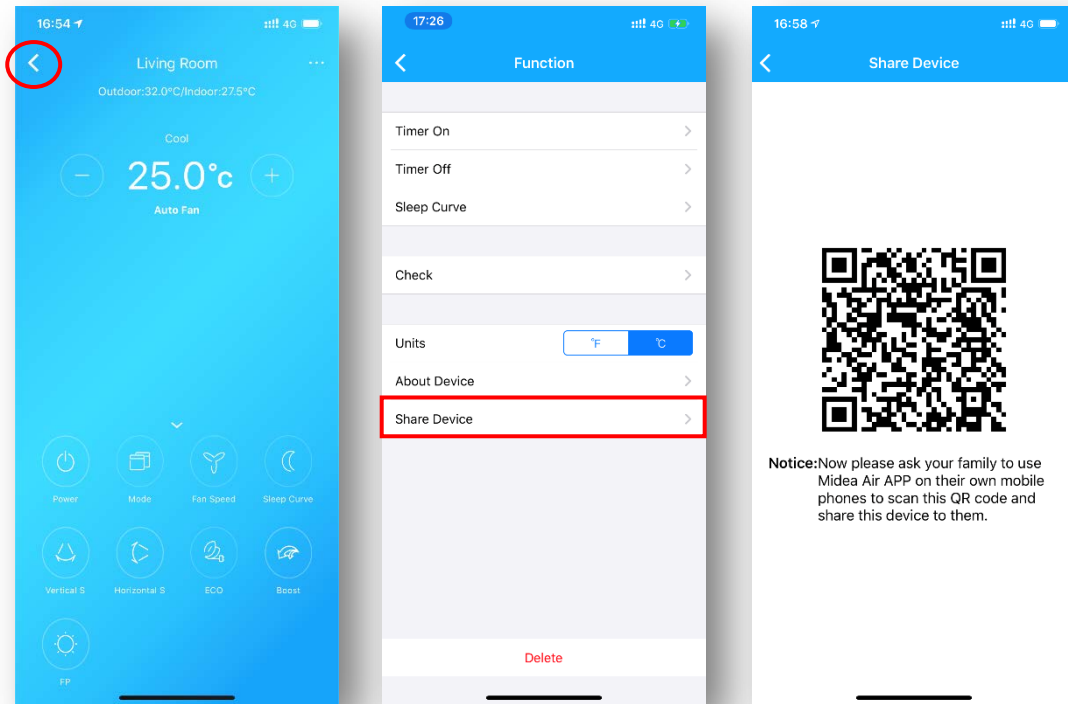
GD Midea Air-Conditioning Equipment Co., Ltd. >



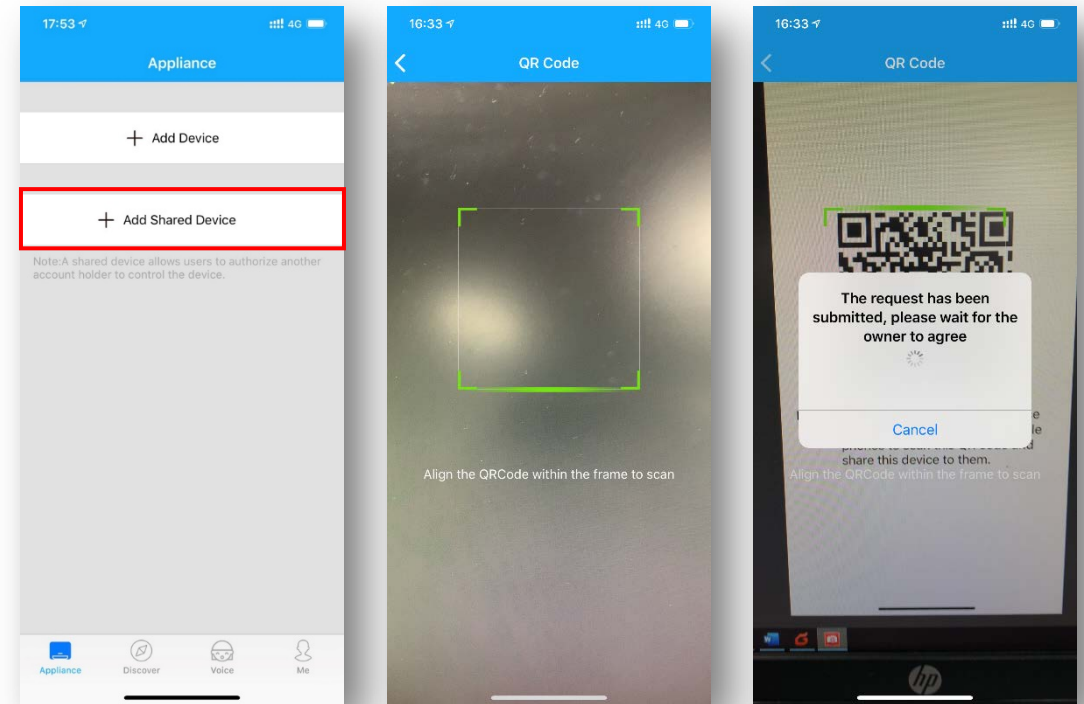
Midea WIFI Control

Share WIFI A/C to Another User

User 1



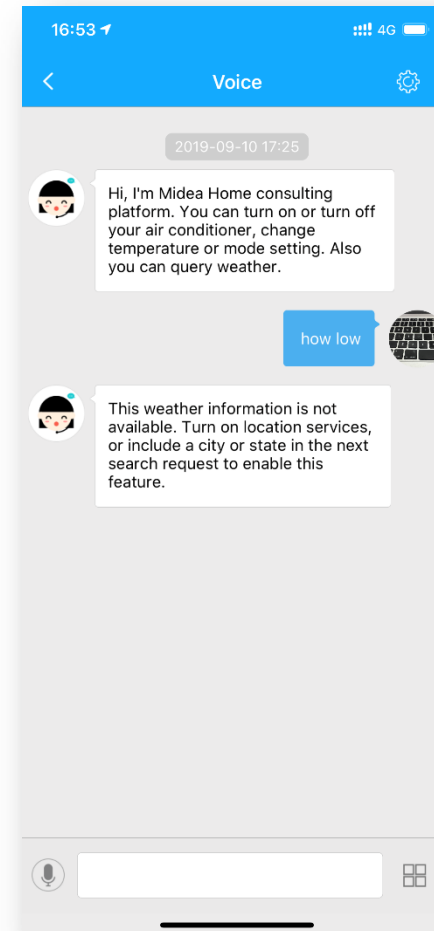
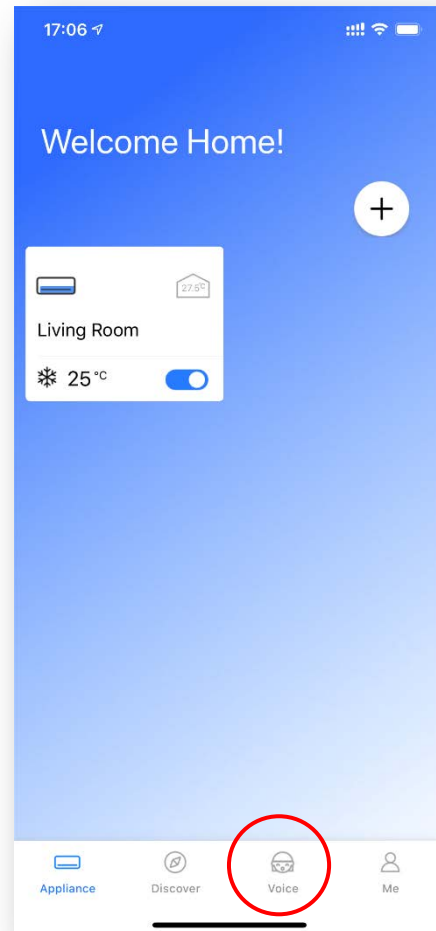
User 2



Midea WIFI Control

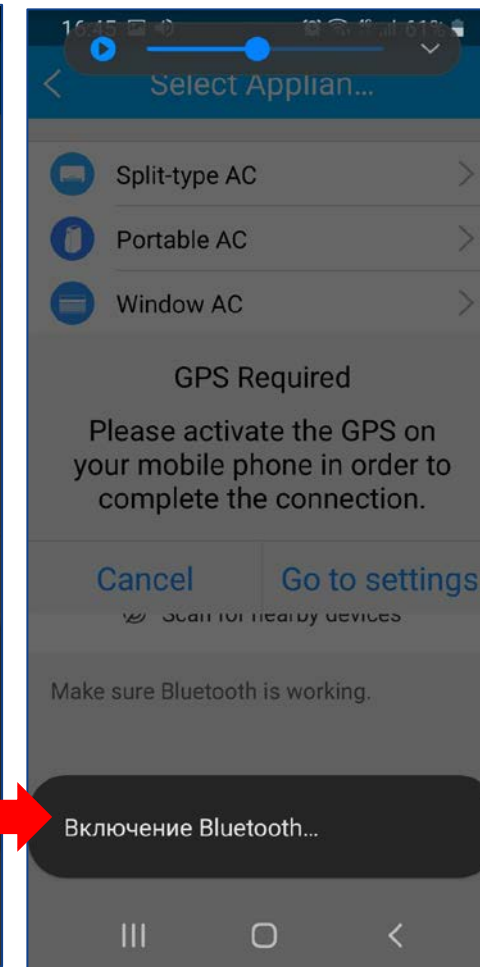
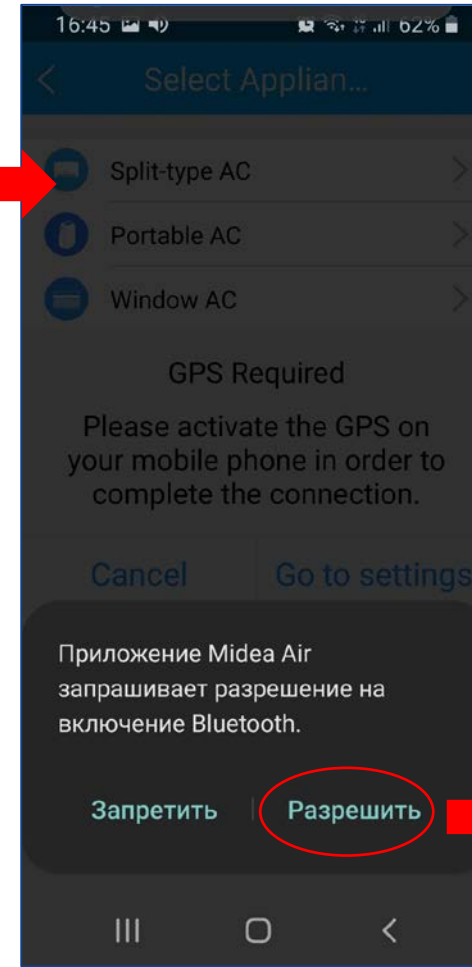
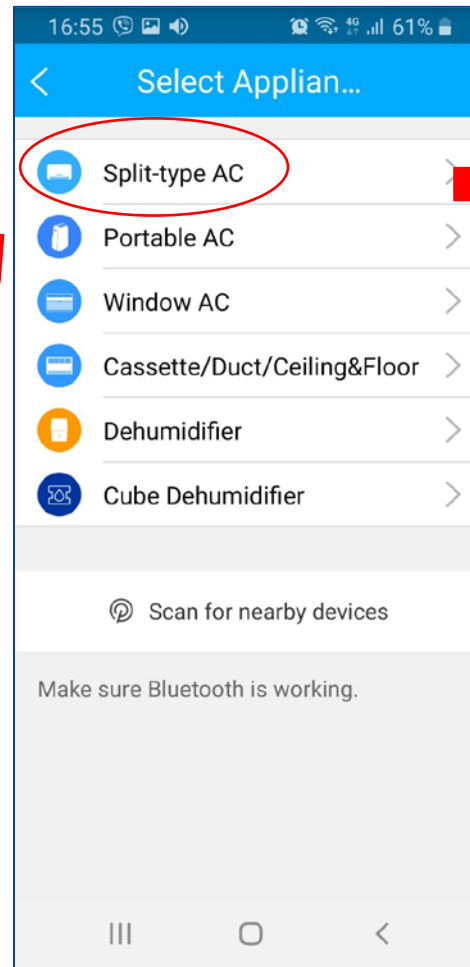
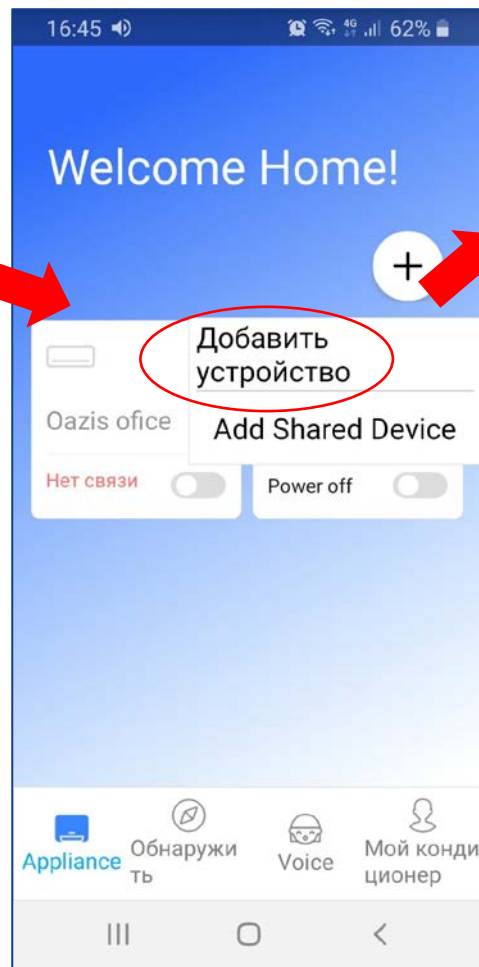
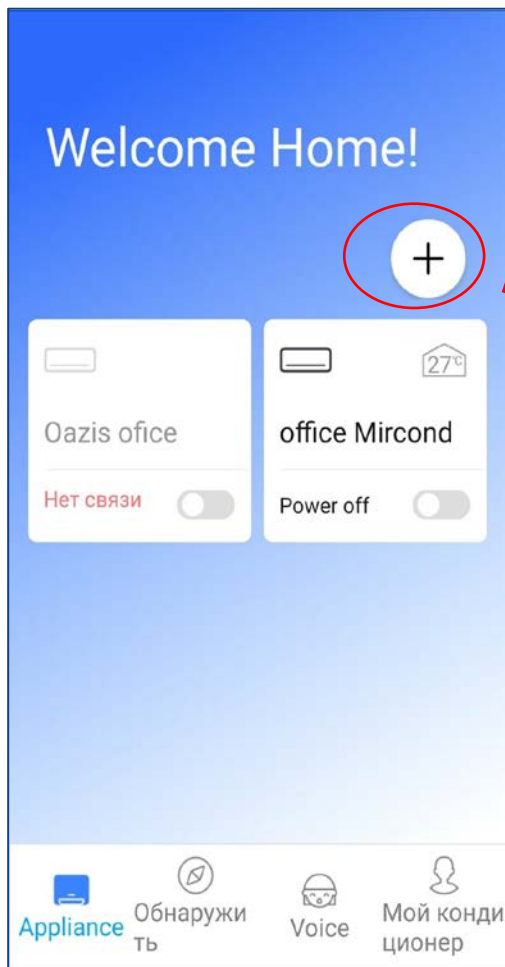
Voice Assistant

Providing weather information and control of WIFI A/C





Step-by-step guide to connect and configure **NEW** module EU-SK105 using **Bluetooth**





Step-by-step guide to connect and configure **NEW** module EU-SK105 using **Bluetooth**



The image shows a four-step process for connecting a Midea air conditioner via Bluetooth:

- Step 1:** The app displays the "Select Appliance Type" screen. A red arrow points to the "Go to settings" button in a dialog box that appears, with the text: "GPS Required. Please activate the GPS on your mobile phone in order to complete the connection." The "Go to settings" button is highlighted with a red box.
- Step 2:** The user is in the "Локация" (Location) settings. The "Включено" (On) toggle switch is highlighted with a red circle and the number "1". A red arrow points to the back arrow at the bottom, which is also highlighted with a red circle and the number "2".
- Step 3:** The app returns to the "Select Appliance Type" screen. A globe icon in the top right corner is highlighted with a red box.
- Step 4:** The app shows a "Nearby devices found" section with a "Not now" button. A device named "AC 9BDE" is listed with a blue circular icon, highlighted with a red box. A red arrow points to the right from this screen.



Step-by-step guide to connect and configure **NEW** module EU-SK105 using **Bluetooth**



The image displays a sequence of five screenshots from the Midea mobile application, illustrating the process of connecting and configuring a new device (EU-SK105) via Bluetooth.

- Select Appliance Type:** The user is prompted to select an appliance type. The "Start Configuration" button is highlighted with a red box.
- WLAN Selection:** The user is asked to select a family WLAN and enter the password. The WLAN "A07_wifitest" and password "test123456" are highlighted with a red box.
- Progress:** A progress indicator shows 23% completion. The text "Appliances join the home WLAN..." is displayed.
- Success:** A green checkmark and the word "Success" indicate that the configuration is complete.
- Home Screen:** The device "AC 9BDE" is now listed as "Online" under the "Add Device" section. A red box highlights the device name, and a red arrow points from the success screen to this device.

Midea WIFI Control

Step by Step Connection Guidance

08:58 4G 🔋

Split-type AC Quit

● Power on the device, wait 5 seconds, then click "Next"

Reminder: You must complete all the steps within 8 minutes after the device is powered on, otherwise you need to power it on again!

1 / 4

Next

08:58 4G 🔋

Split-type AC Quit

● Press the LED or Do Not Disturb button on the remote 7 times until the device shows "AP" on the display

Reminder: For other models, please refer to product manual

2 / 4

Next

08:59 4G 🔋

Split-type AC Quit

● Go to the phone's "WLAN" settings, use the password "12345678" to connect to the network "net_ac_xxxx"

Reminder: If "net_ac_xxxx" network is not found on the WLAN, check whether the device is in AP mode. If not, [Try again](#)

3 / 4

Next

16:50 4G 🔋

Split-type AC Quit

● Please select home Wi-Fi and enter the password

Choose home WiFi >

Please enter password! 🙁

Note: Only 2.4Ghz networks are supported by this product.

4 / 4

Start Configuration

16:51 📶 🔋

Connecting

Connecting phone to Appliance: Done

Configuring appliances: Done

Appliances connecting to Wi-Fi: 3%

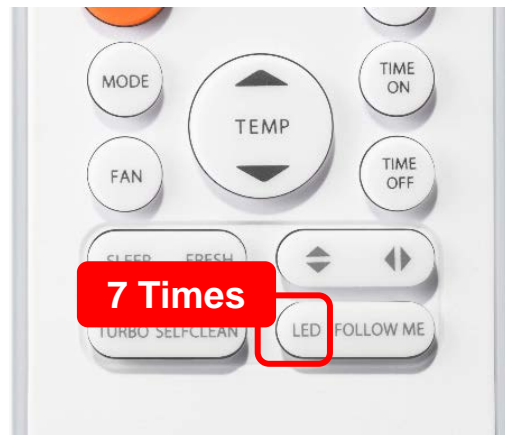
Quit

Midea WIFI Control

Step by Step Connection Guidance

- 1** Cut-off the power and repower the unit.
- 2** Then press "LED" button more than 7 times to active AP mode.

*In AP mode, the WIFI module of A/C unit will generate a WIFI signal named as "net_ac_****".*



Midea WIFI Control

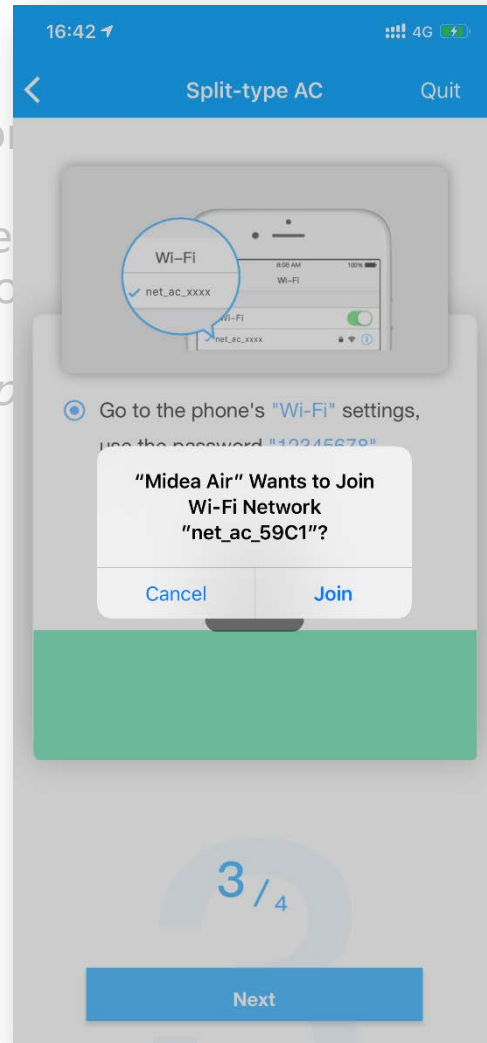
Step by Step Connection Guidance

3

Make mobile phone

(Users don't need to connect manually like before)

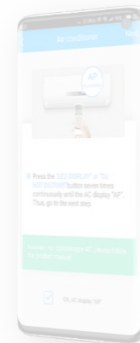
Now the mobile phone



nal named as "net_ac_****" .

g of the phone to connect it automatically with permission.)

and display part of A/C unit.

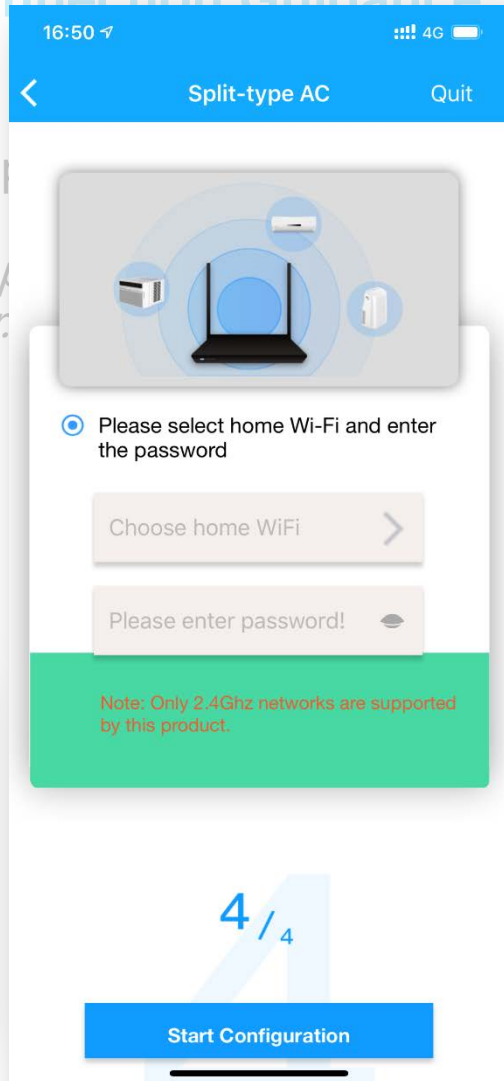


Midea WIFI Control

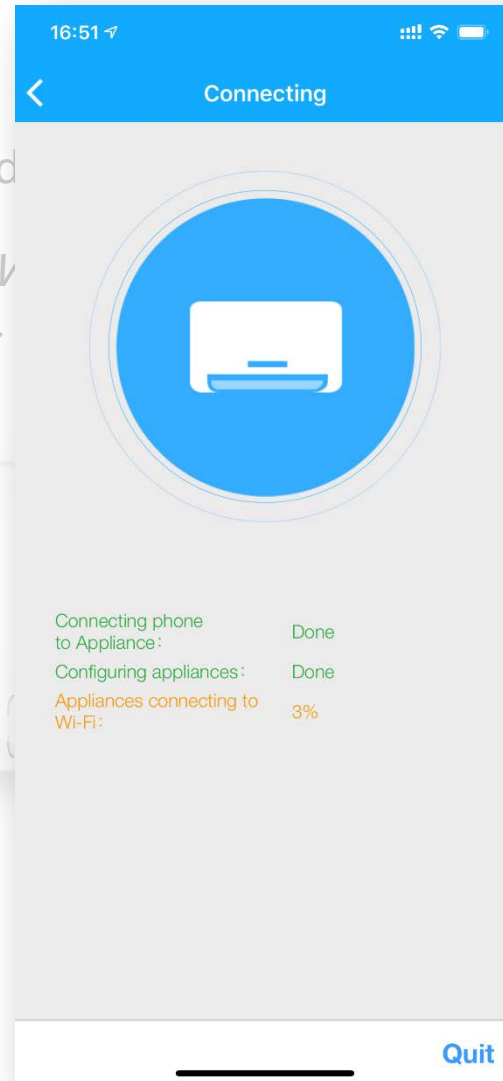
Step by Step Connection Guidance

4

Use mobile phone to search and connect to the same router.



hit search and phone and v connection failure.



WiFi router. to the



Cloud servers & Internet

Midea WIFI Control

Step by Step Connection Guidance

For go to the C e con e of e is a ectly

Choose Method

Scan QR code

Note: Wait 5 - 10 seconds while your device is in AP mode before scanning the QR code.

Manual Setup

Split-type AC

Align the QRcode within the frame to scan

Split-type AC

Please select home Wi-Fi and enter the password

Choose home Wi-Fi

Please enter password!

Note: Only 2.4Ghz networks are supported by this product.

4 / 4

Start Configuration

Connecting

Connecting phone to Appliance: Done

Configuring appliances: Done

Appliances connecting to Wi-Fi: 3%

Quit

A decorative graphic on the left side of the page, consisting of concentric circles and radial lines in shades of blue and red, resembling a stylized globe or a technical diagram.

/02

FAQ of WIFI Connection

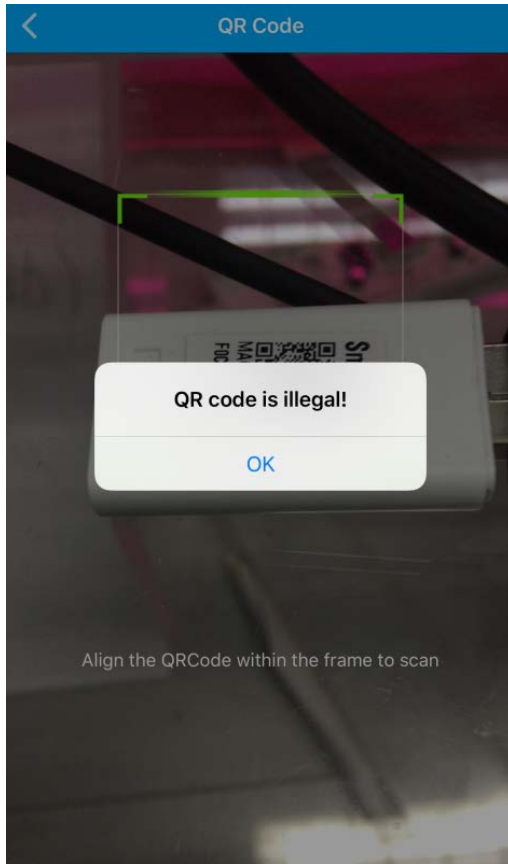
Supporting text here.

When you copy & paste, choose "keep text only" option.

FAQ of WIFI Connection

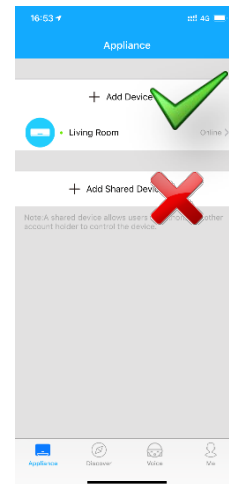
Connection Failure

Case 1. When adding a new device, a "QR code is illegal" pops up after scanning.



Possible reasons:

1. The AP mode of the unit is not active.
2. Users might click on "+ Add Shared Device" on the Add Device page and scanned the QR code of the WIFI module, resulting in an error prompt.
3. Android users might scan other QR codes (like download link of WIFI app) rather than the QR codes of WiFi modules.



FAQ of WIFI Connection

Connection Failure

Case 2. Android users CANNOT proceed to Step 4 even mobile phone connected with the WIFI named "net_ac_****" in Step 3 .

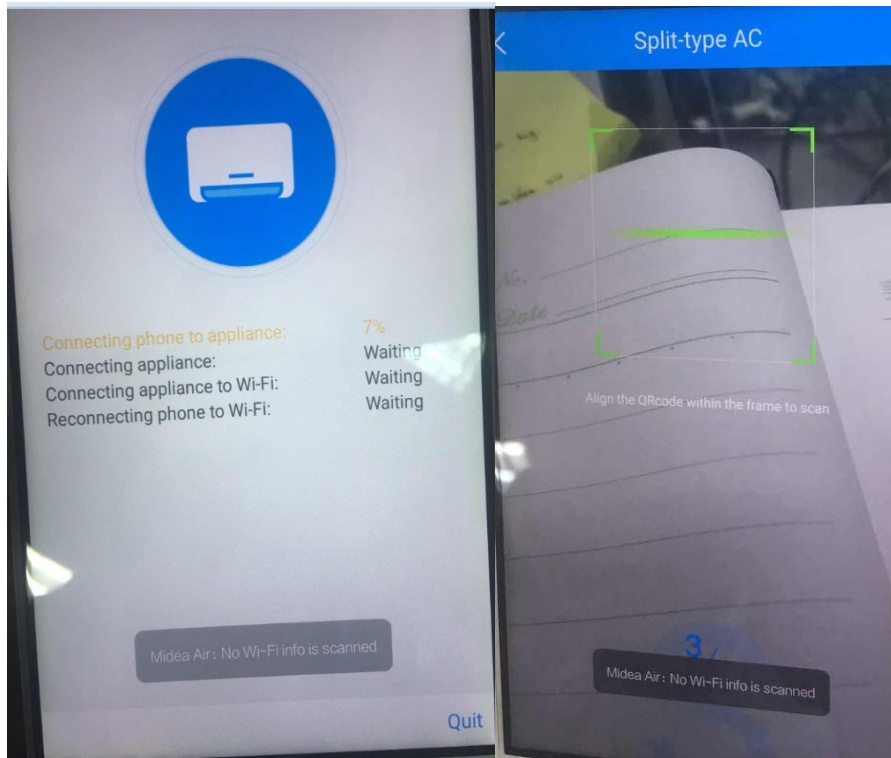
Solutions:

1. Power off the air conditioner, after 5 seconds, reboot the device, and re-operate according to the steps of How to add Device to app.
2. Contact After-sales personnel to replace the WiFi module and try to add device again.

FAQ of WIFI Connection

Connection Failure

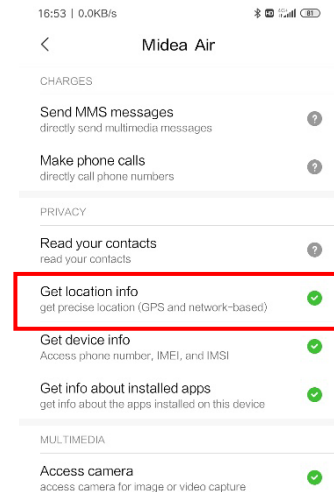
Case 3. Android users get error information “no Wi-Fi info is scanned” in Step 1 while scanning the QR code.



Solutions:

1. Please check whether the APP is granted LOCATION permission in setting of the mobile phone.

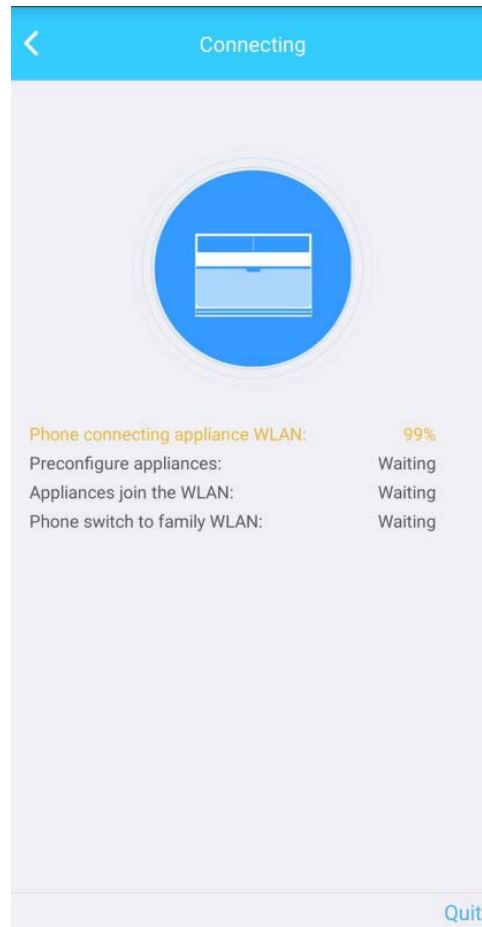
Settings—Apps—Permissions--Midea Air--Get location info ✓



FAQ of WIFI Connection

Connection Failure

Case 5. Freezing at 99% of first stage of Step 4 when making the connection.



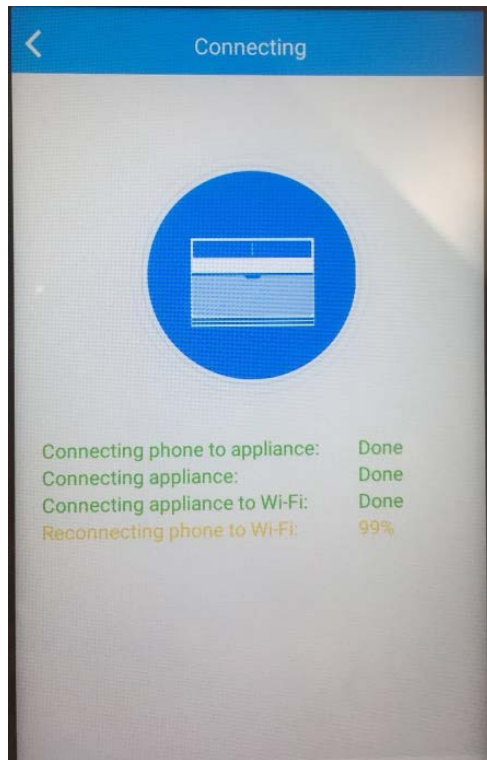
Solutions:

1. Make sure AP mode of A/C unit is active.
2. Confirm the APP is granted LOCATION permission in setting of the mobile phone.
3. Some mobile phones will automatically switch to other WIFI or connected into internet or data if they find out that the WIFI of AP mode cannot reach internet, which will cause this failure. So keep mobile phone connected with the A/C unit during this process.

FAQ of WIFI Connection

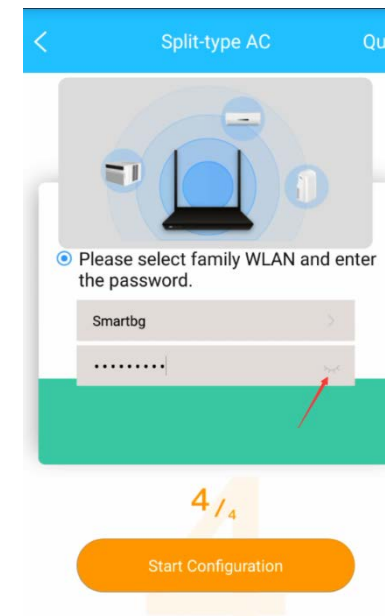
Connection Failure

Case 6. Freezing at 99% of last stage of Step 4 when making the connection.



Solutions:

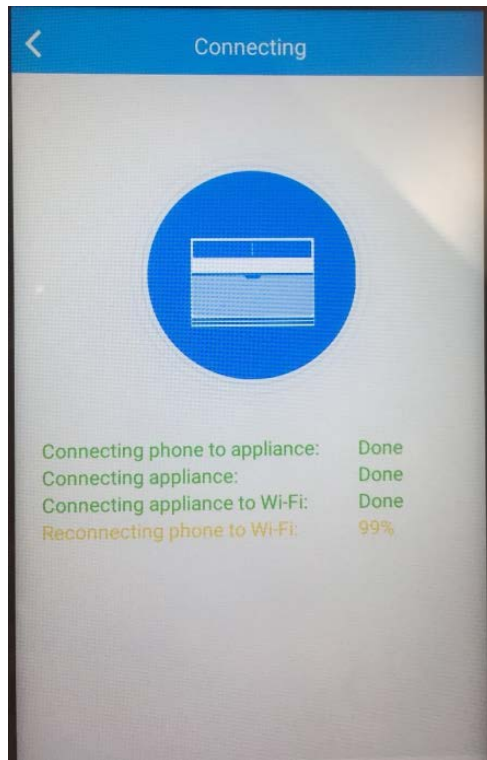
1. Make sure inputted password of the router is right. You can click the eye to show the password while inputting.



FAQ of WIFI Connection

Connection Failure

Case 6. Freezing at 99% of last stage of Step 4 when making the connection.



Solutions:

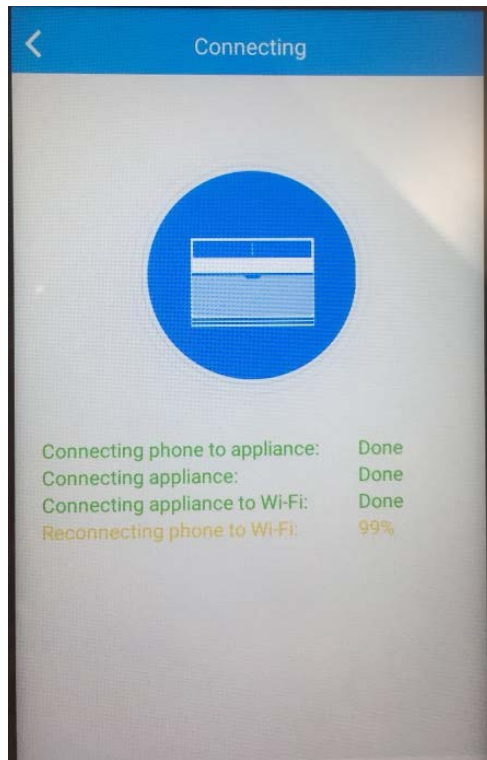
2. Make sure there is only one available WIFI signal there. The mobile phone will possibly switch to other WIFI which is different from the one that the A/C unit tries to connect if there is more than 1 available WIFI signal, which will cause this failure.

It is recommended to forget other WIFI connection of the mobile phone except for the one that the A/C unit tries to connect.

FAQ of WIFI Connection

Connection Failure

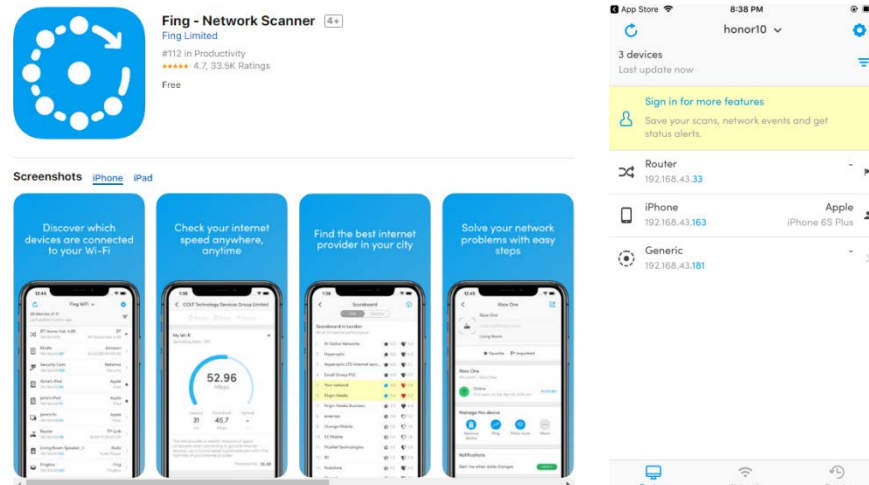
Case 6. Freezing at 99% of last stage of Step 4 when making the connection.



Solutions:

3. If there is timeout information and jumping to another page, the possible reason is that there are too many devices connected to the router or WIFI signal is too bad.

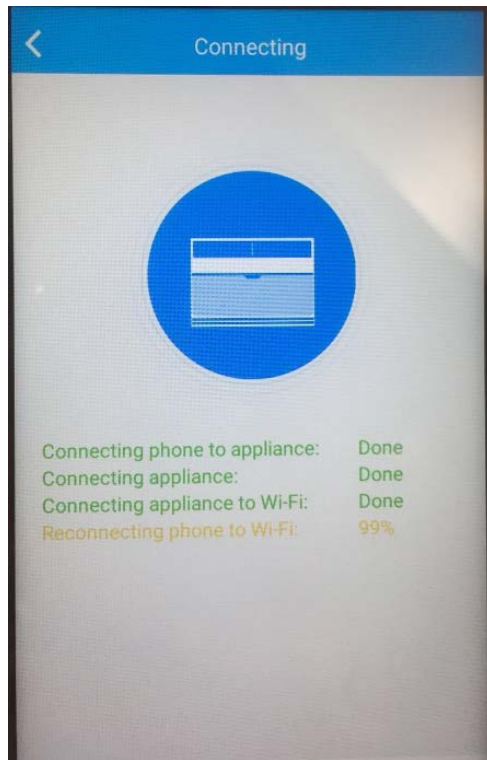
You can get into router management platform or download Fing-Network Scanner to check how many devices are connected to the router.



FAQ of WIFI Connection

Connection Failure

Case 6. Freezing at 99% of last stage of Step 4 when making the connection.



Solutions:

4. There may be multiple routers with the same WIFI ID and password. The A/C unit and mobile phone are connected to different router.

You can download WiFi Analyzer to check if there are more than 1 router sending out the WIFI signal with same name.



FAQ of WIFI Connection

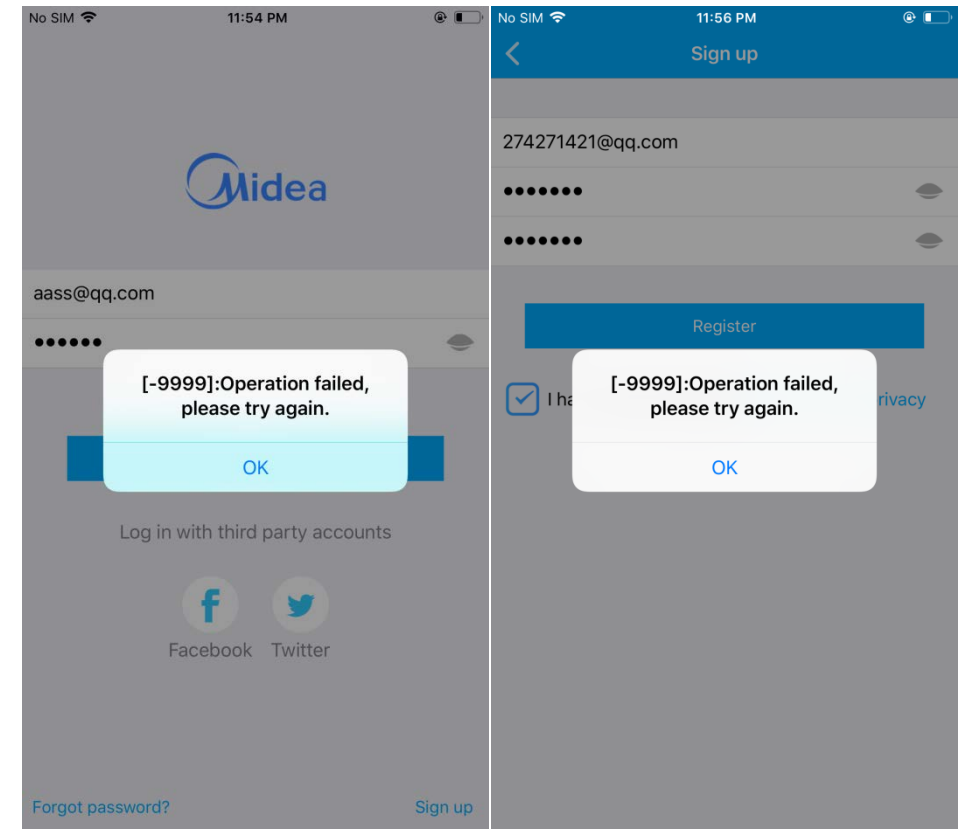
APP Problems

Case 1. Failure when register or login, error code: -9999.

Solutions:

1. Check the internet connection.
2. Go to the APP management page of mobile phone and grant the permission of WLAN.

If the error repeats, uninstall the app and re-install it again.

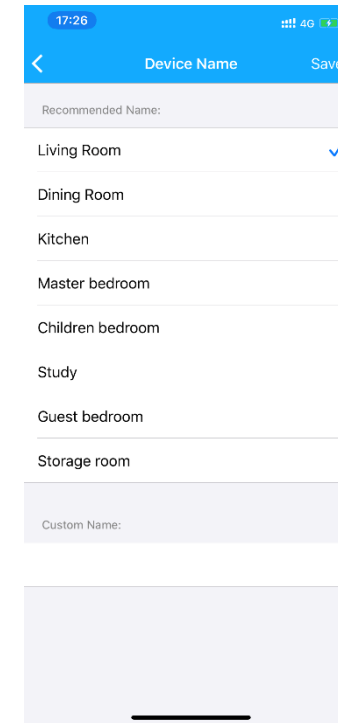
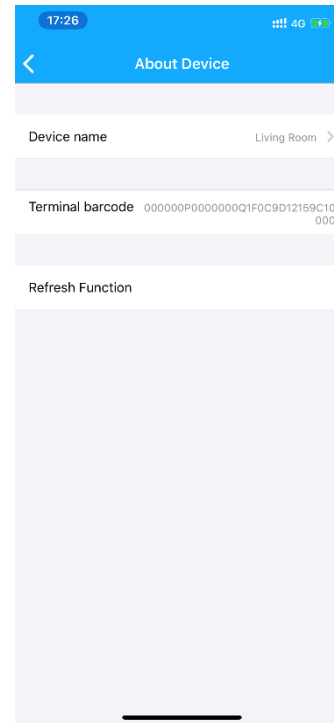
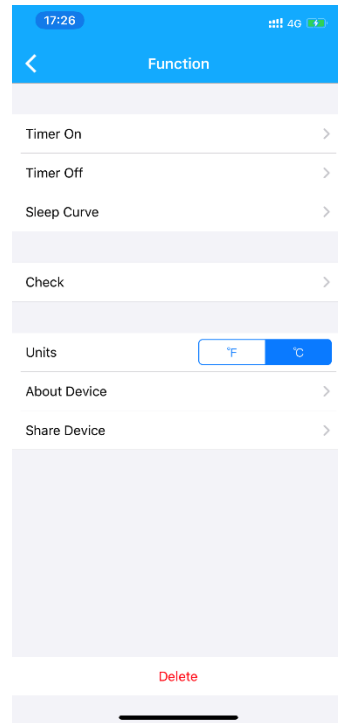
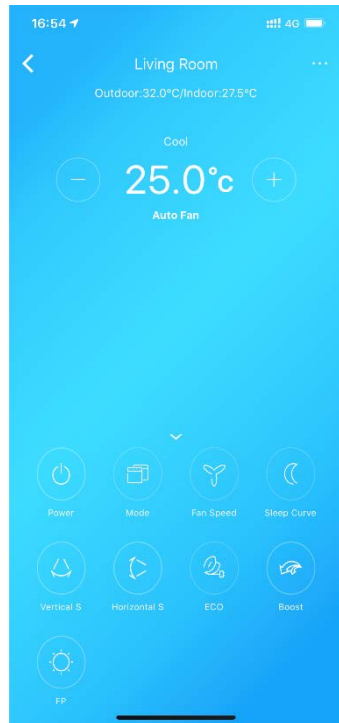


FAQ of WIFI Connection

APP problems

Case 2. Modifying the A/C name.

Solutions:



FAQ of WIFI Connection

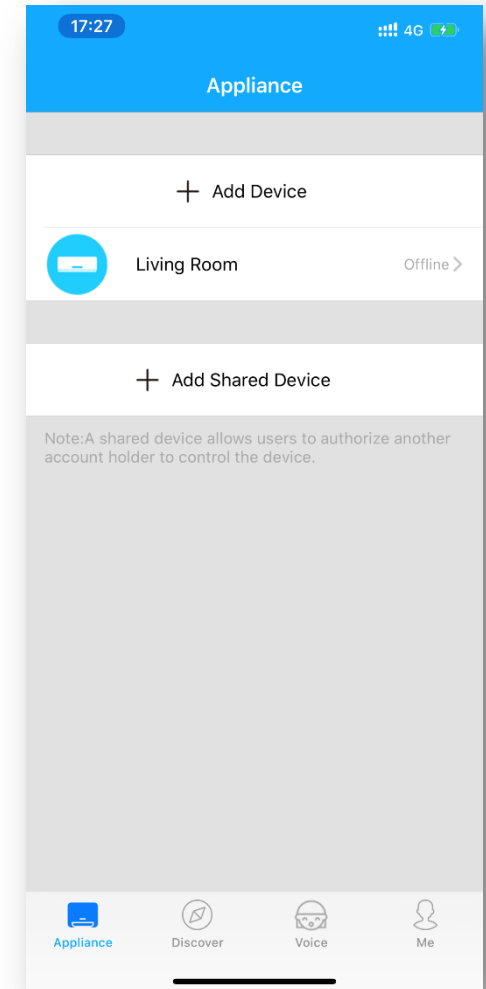
APP problems

Case 3. Why the A/C is offline?

Solutions:

1. Please check if the A/C unit is electrified.
2. Please check if the A/C unit is connected with the home router and make sure the SSID and password of home router never changed.
3. If the internet connection is OK, make sure there is no such situation that too many devices connected to the home router.

Make the A/C unit connect to the home router again.



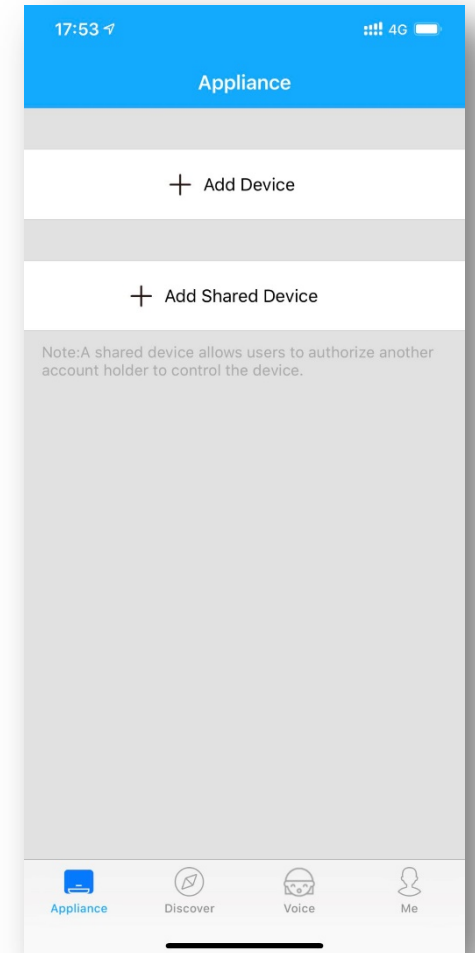
FAQ of WIFI Connection

APP problems

Case 3. Why the A/C disappears?

Solutions:

1. It maybe the internet connection problem. Pull down the page to refresh serve data.
2. Other user bonded this A/C, so it will disappear from current user' s device list.
3. If the shared device disappears, the user sharing it has deleted it or it is bonded to other user.



FAQ of WIFI Connection

APP problems

Case 4. Why the mobile phone screen is black when trying to scan the QR code?

Solutions:

1. The APP doesn't get the permission of camera, please grant it.

Case 5. Why there is no WIFI named as "net_ac_****" after AP mode is active?

Solutions:

1. Cut off the power and re-power the A/C unit again in 2 minutes and set AP mode.
2. If P7 error code shows, it could be the connection problem or inner problem of WIFI module, please contact after-service team to check or replace it.

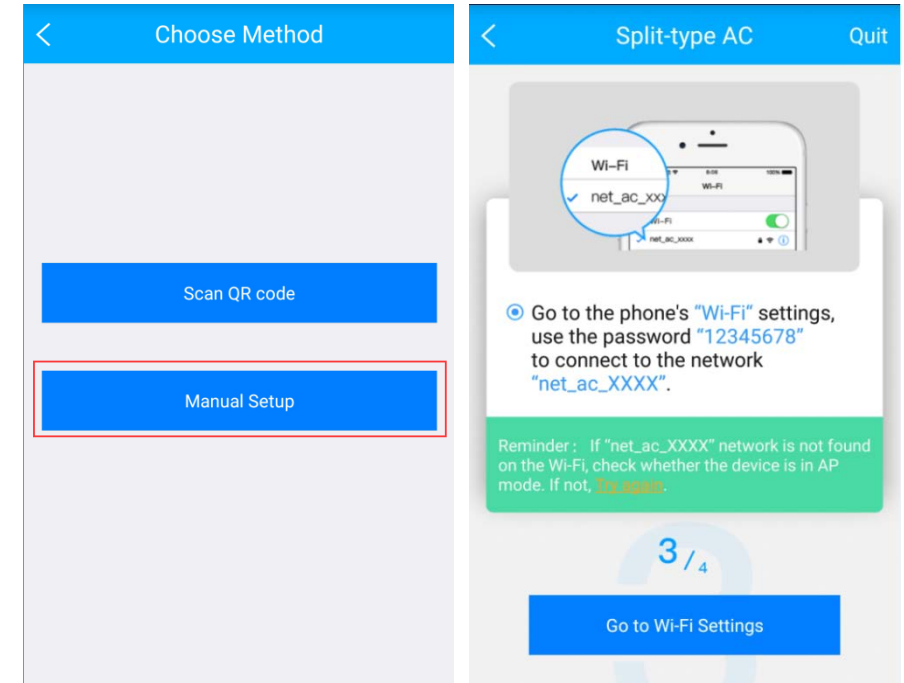
FAQ of WIFI Connection

APP problems

Case 6. Why there is no any response while scanning the QR code?

Solutions:

1. Try to adjust the angle or distance while scanning.
2. If the QR code is damaged, try to use "Manual Setup" . Go the WLAN setting of mobile phone and connect the WIFI named as "net_ac_****" and the password is "12345678" .



FAQ of WIFI Connection

APP problems

Case 7. Why there is no AP displayed after “LED” button is pressed 7 times?

Solutions:

1. Press LED button once more to turn on display, meanwhile check the WLAN setting of phone if there is the WIFI named as “net_ac_****” .
2. If the WIFI signal is there, the display board may have problem or POWER button was pressed after AP mode is active.

If the WIFI signal isn't there, pull out the WIFI module and plug it in again after cut off the power of A/C unit and try again. Or the WIFI module is broken.



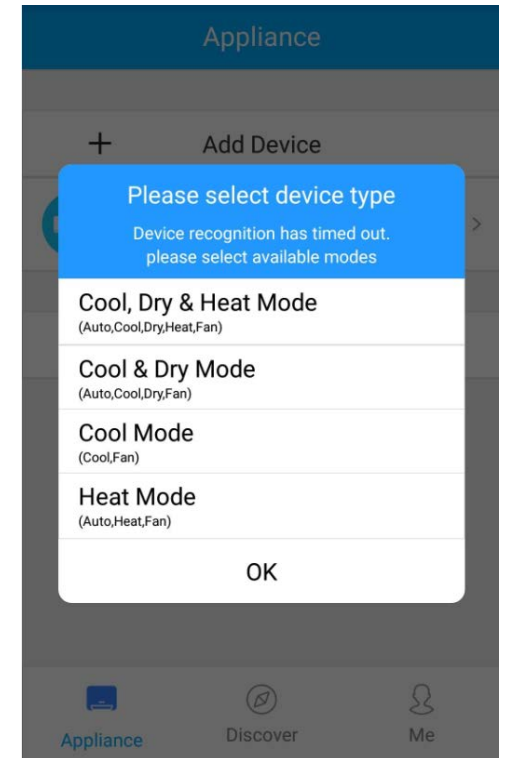
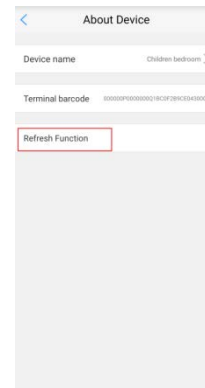
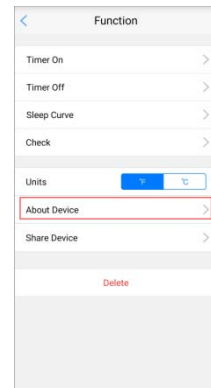
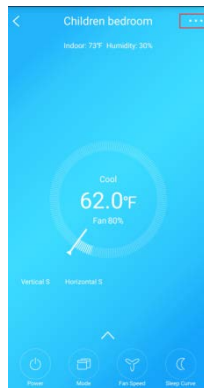
FAQ of WIFI Connection

APP problems

Case 7. Why some functions of A/C unit are available in the remote controller but not in the APP?

Solutions:

1. After making A/C unit connect to the WIFI, there is a function information for your choice when you press the device first time. When you made the choice, the functions will upload to the serve. But some old models don't have this function or uploading failure will cause the problem.
2. You can refresh the function uploading according to following steps.



FAQ of WIFI Connection

APP problems

Case 7. APP crash when start.

Solutions:

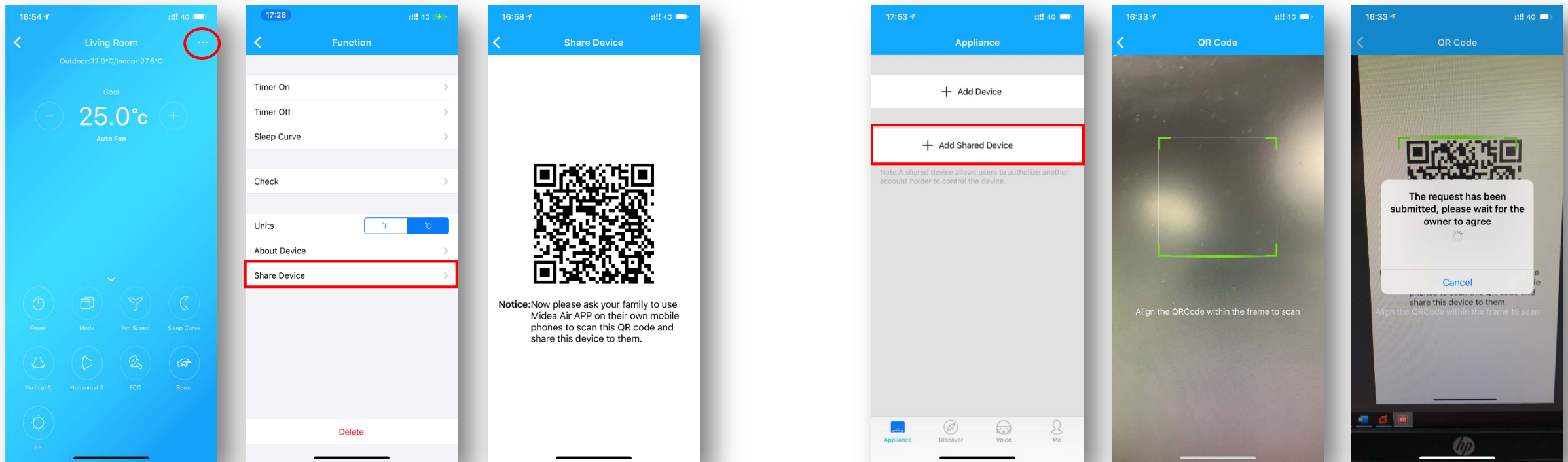
1. Quit the APP completely (delete the background program) and restart.
2. Uninstall the app and reinstall it from App Store or Google Play and try again.
3. Try other mobile phone. Some phone with very old OS may cause crash problem. The APP is available for Android 4.0 or iOS 8.0 or later version.

FAQ of WIFI Connection

APP problems

Case 7. How to share the A/C device to other user?

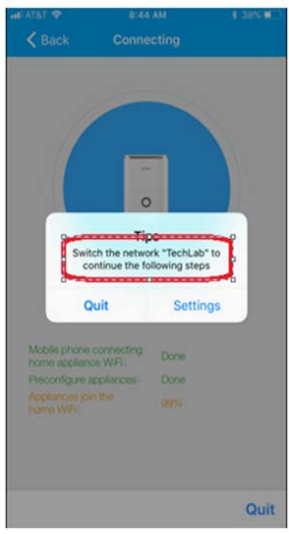
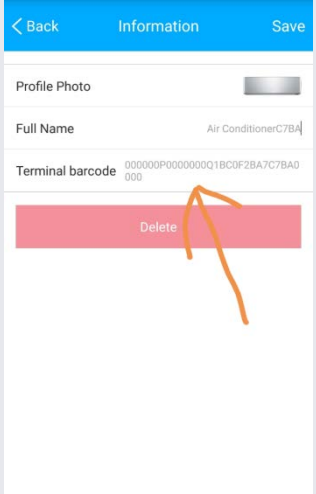
Solutions:



FAQ of WIFI Connection

If problem cannot be solved

Feedback necessary information to us

Time	Location	User Name	Problem Description	With pictures or Video	AC Model / Barcode	APP name / Version	Phone Type / OS version	Terminal Barcode
18-02-12 18:12	US	zhfmtr@gmail.com	Tip 4042 code Do not operate for a period of time. After entering, it will prompt Error Code.		DF6-AC 83748919434 3	Midea Air 1.2.1	iPhone 6 SP IOS 11.3	

A decorative graphic on the left side of the page, featuring concentric circles and radial lines in shades of blue and red, resembling a stylized speaker or a futuristic interface element.

/03

WIFI Control and Intelligent Speakers

How to use Echo and Google Home to Control

WIFI Control and Intelligent Speakers

In November, 2014, Amazon presented a whole new intelligent speaker Echo which integrated voice interaction

There are 2 types of Amazon speakers till now, **Echo** and **Echo Show**. Call Echo/Amazon/Alexa to wake them up.



Smart Home Skill: User can control air-conditioners directly without wake up special skill. But only On/Off, mode, temperature and fan speed. **A certificate will be issued by Amazon, and all features are limited.**

Custom skill: Extended Features are supported without Amazon certification. Users have to wake up the custom skill (Midea Air/Nethome Plus) to control air-conditioners.

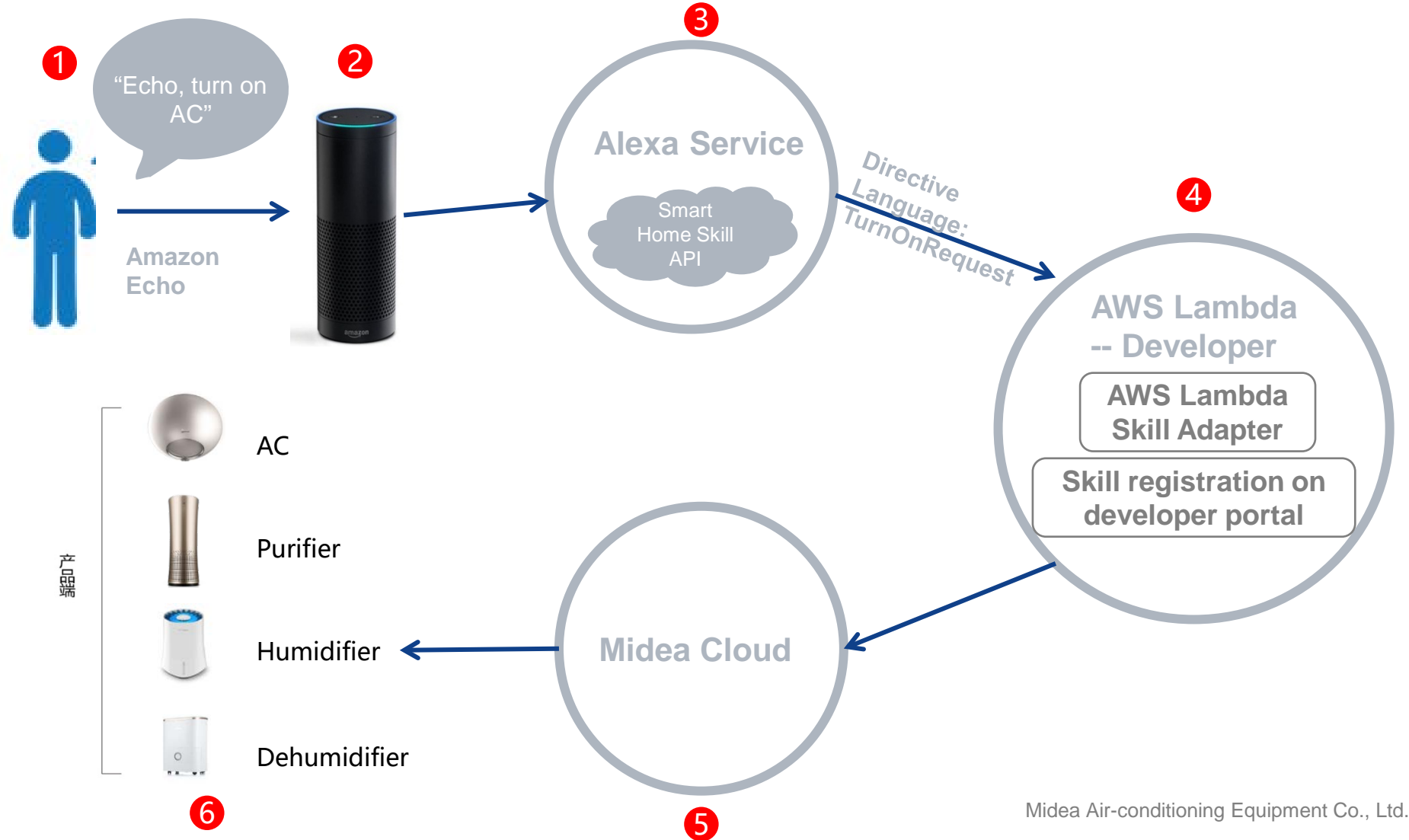
WiFi Control and Intelligent Speakers

Google published its own intelligent speaker Google Home integrated voice interaction on Oct 5th, 2016.



The control of air-conditioner is almost same as Echo, but the wake up directive is "Ok, google" .

WIFI Control and Intelligent Speakers

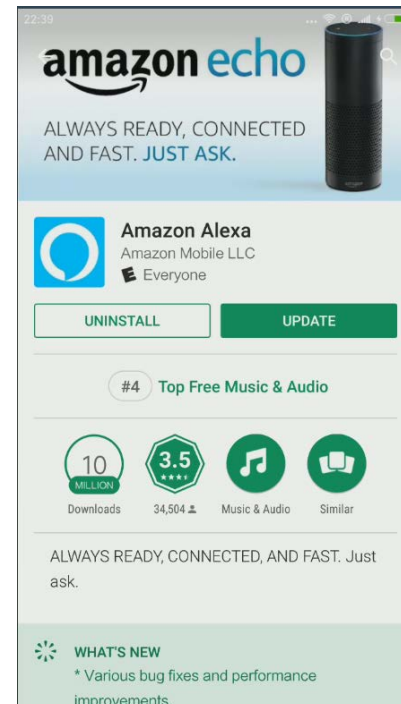
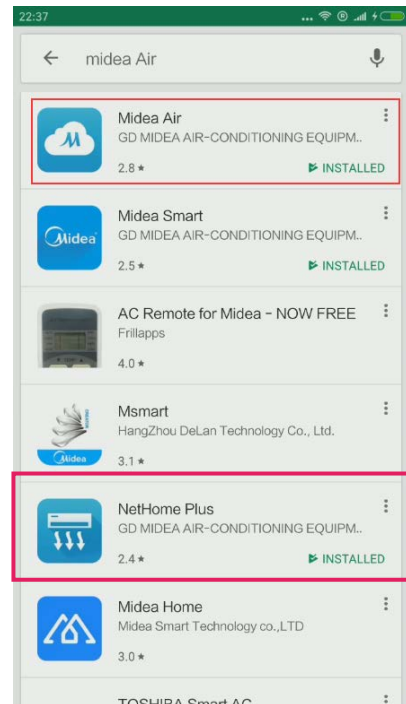


- 1 Voice input
- 2 ECHO Alexa
- 3 Alexa Service
- 4 AWS Lambda
- 5 Midea Cloud
- 6 Midea Products

WIFI Control and Intelligent Speakers

amazon echo

1. Download Midea Air (or Nethome Plus) and Amazon Alexa app from App Store or Google Play.

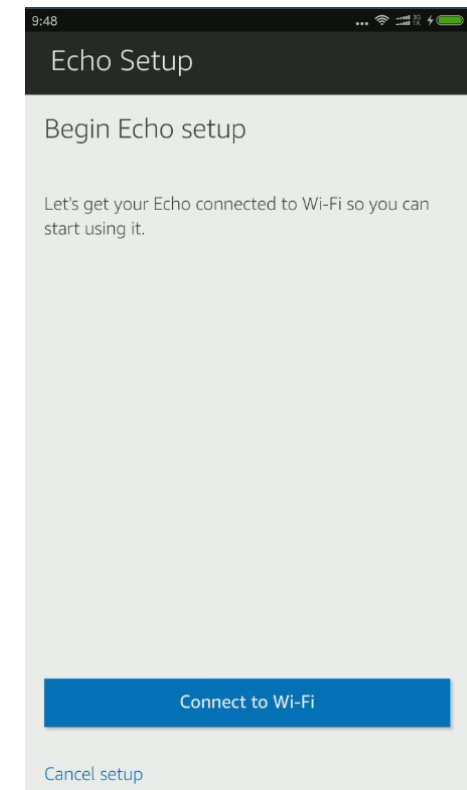
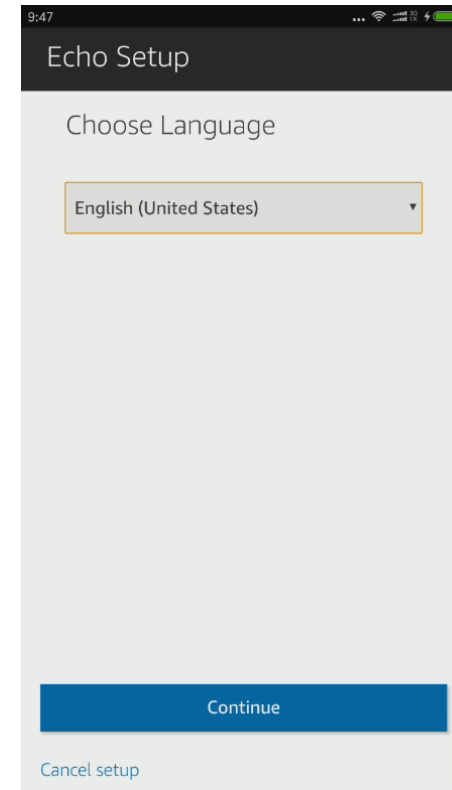
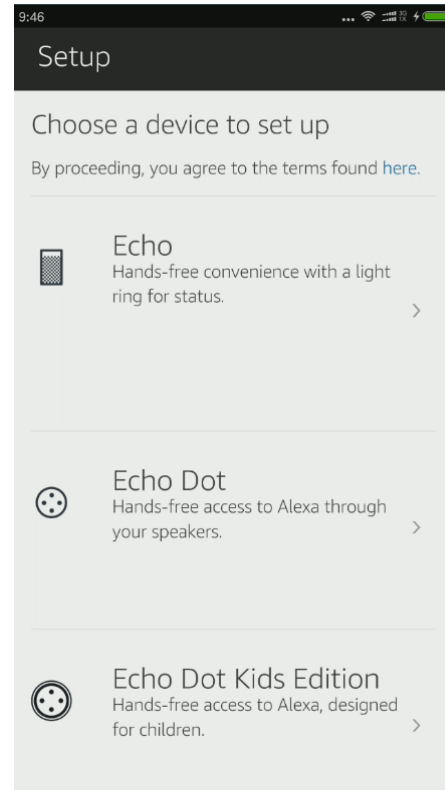
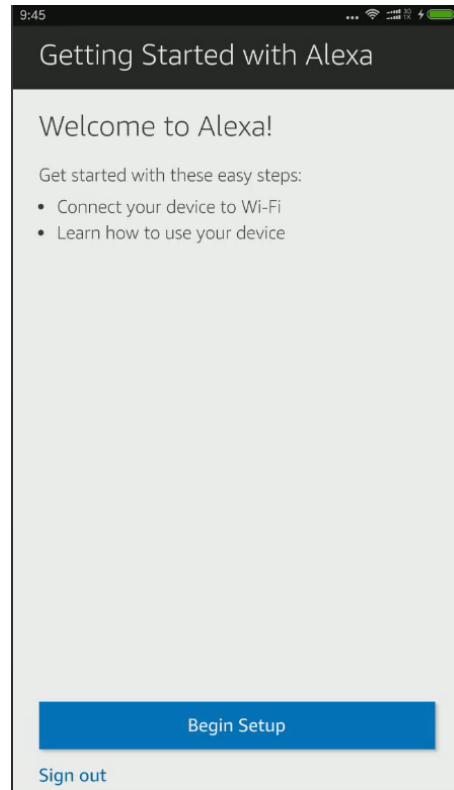
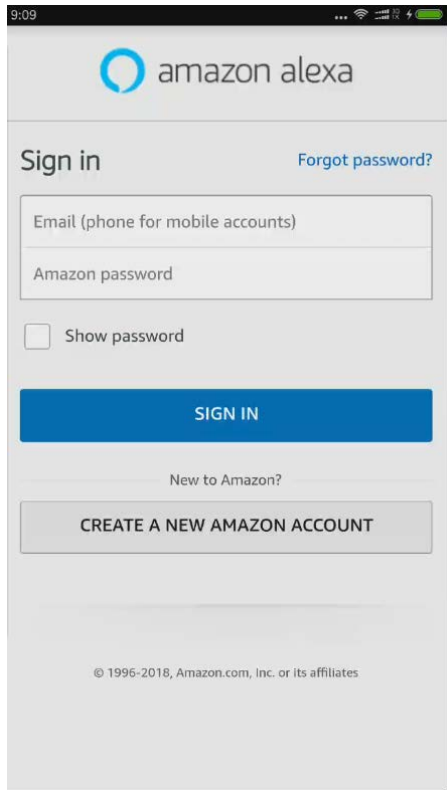


2. Connect the air-conditioner to internet via Midea Air app according to the prompts.

WIFI Control and Intelligent Speakers



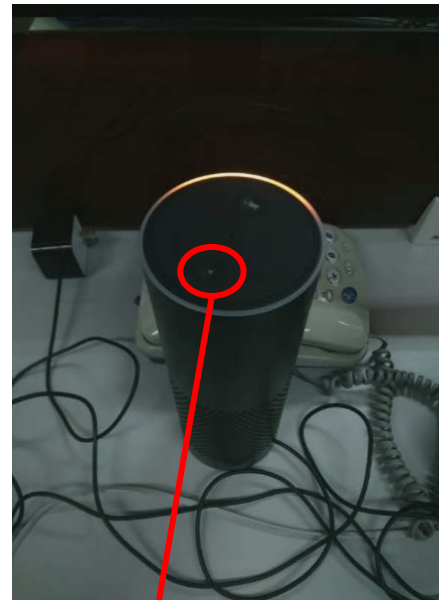
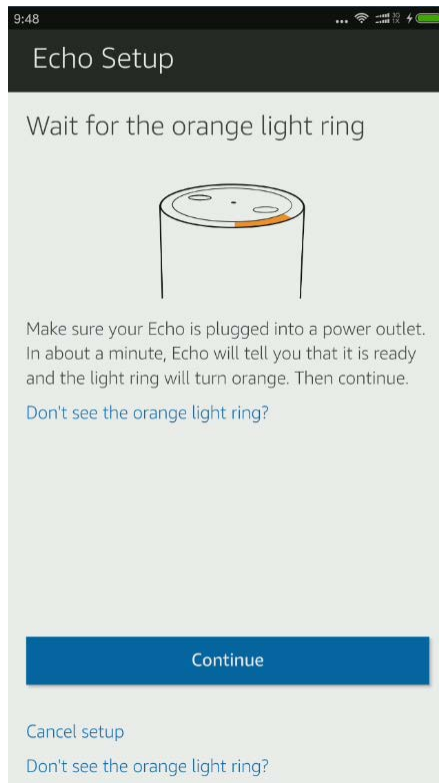
3. Configure your Echo speaker via Alexa app according to the prompts.



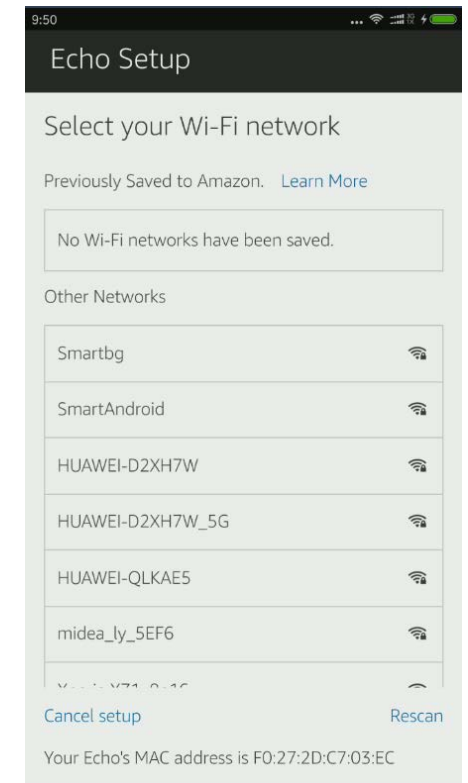
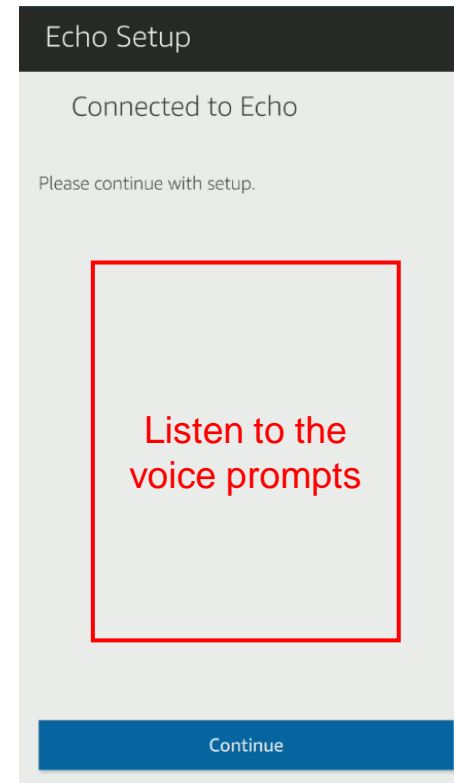
WIFI Control and Intelligent Speakers



3. Configure your Echo speaker via Alexa app according to the prompts.



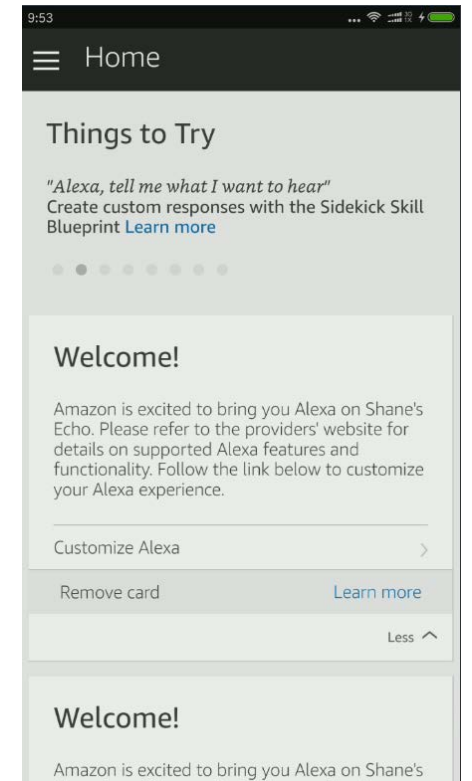
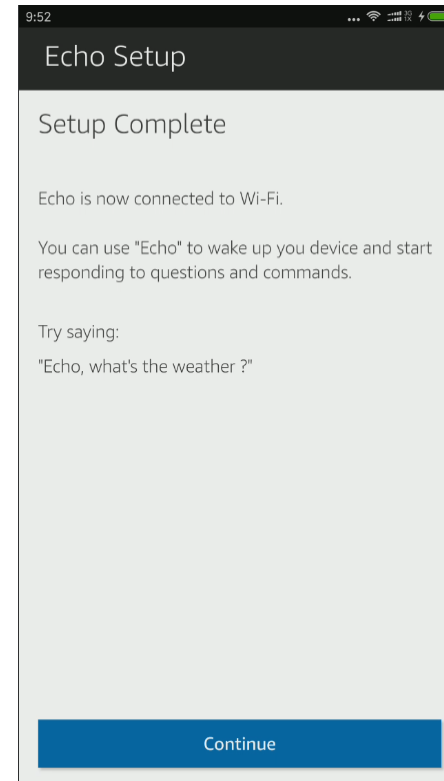
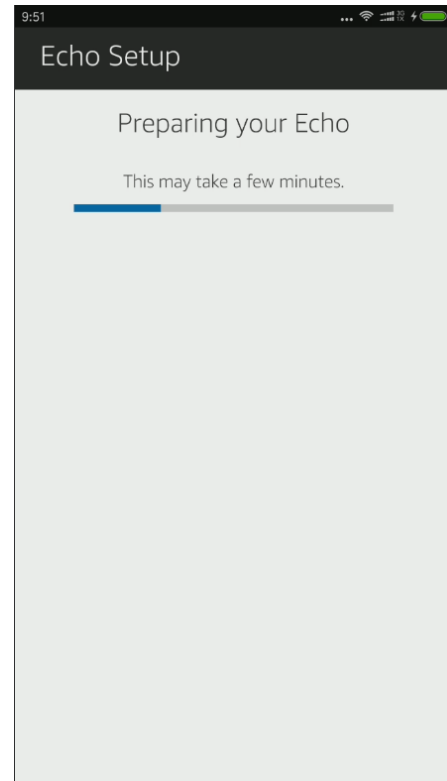
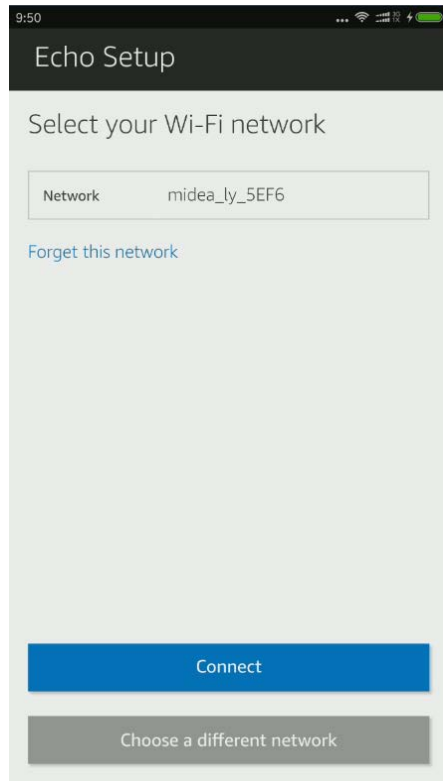
Press and hold POWER button to AP mode



WIFI Control and Intelligent Speakers



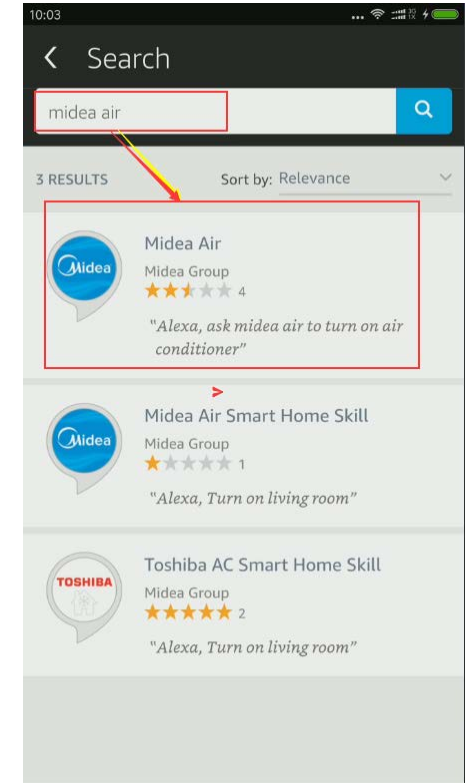
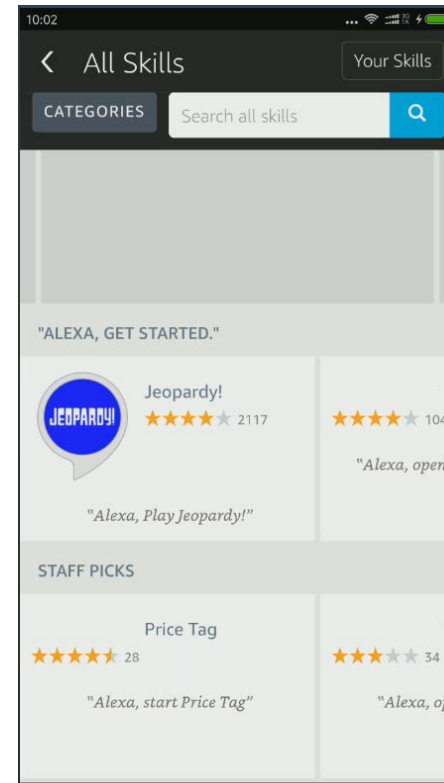
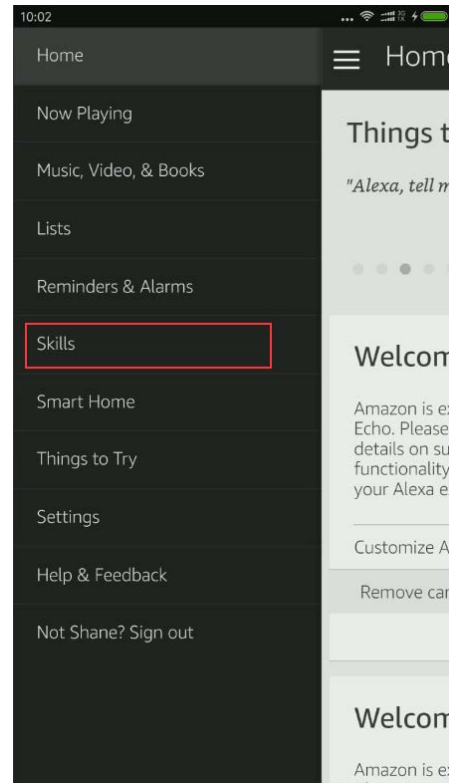
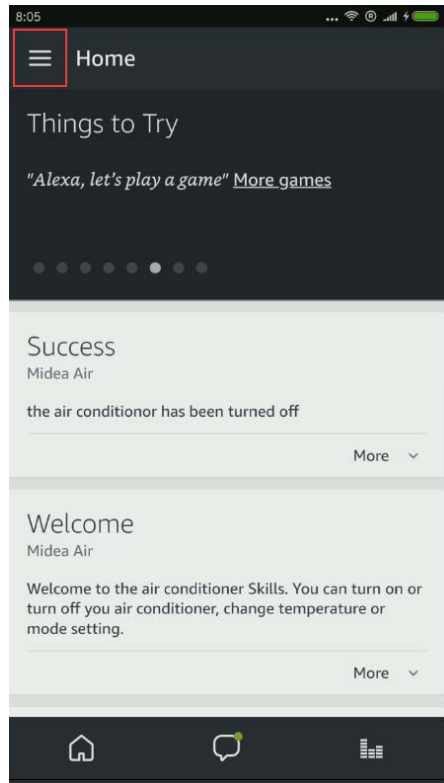
3. Configure your Echo speaker via Alexa app according to the prompts.



WIFI Control and Intelligent Speakers



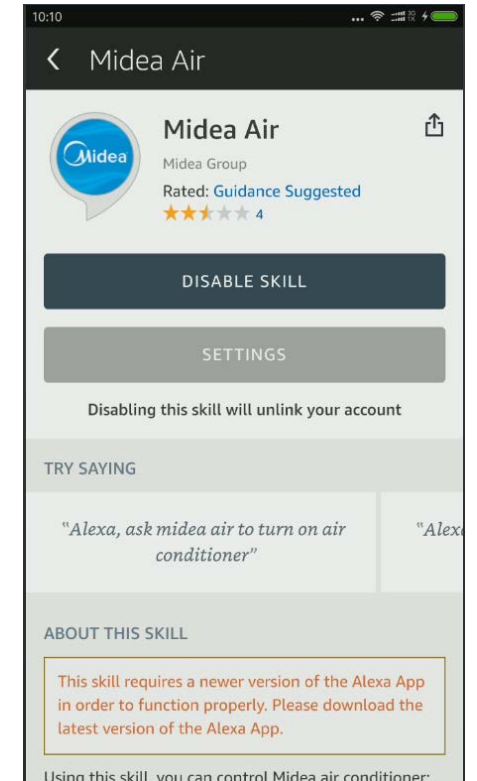
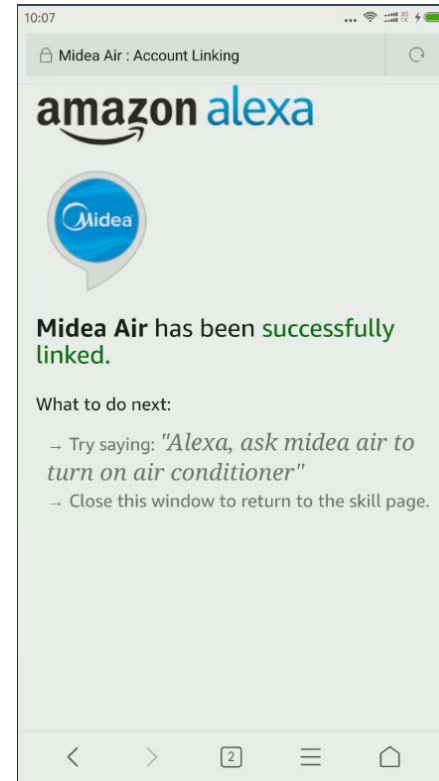
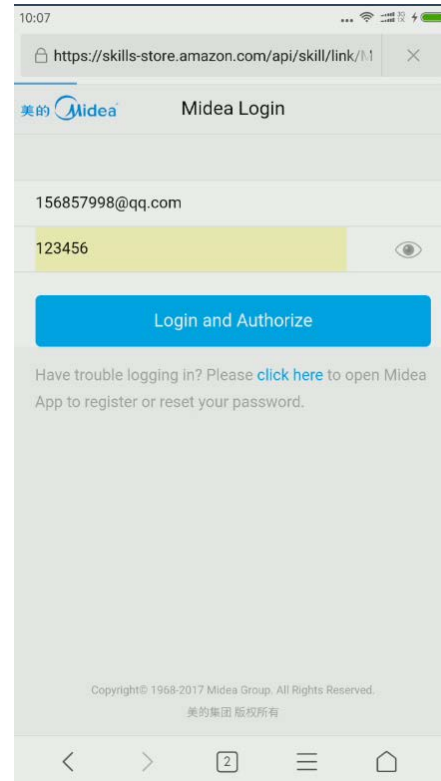
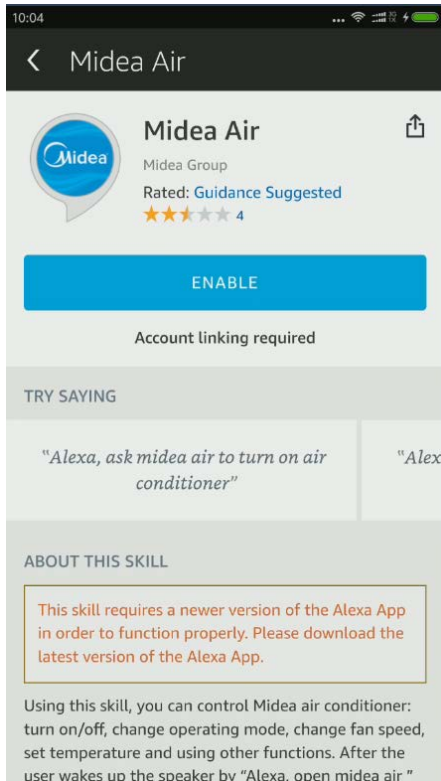
4. Configure Midea Air Skill.



WIFI Control and Intelligent Speakers

amazon echo

4. Configure Midea Air Skill.



WIFI Control and Intelligent Speakers



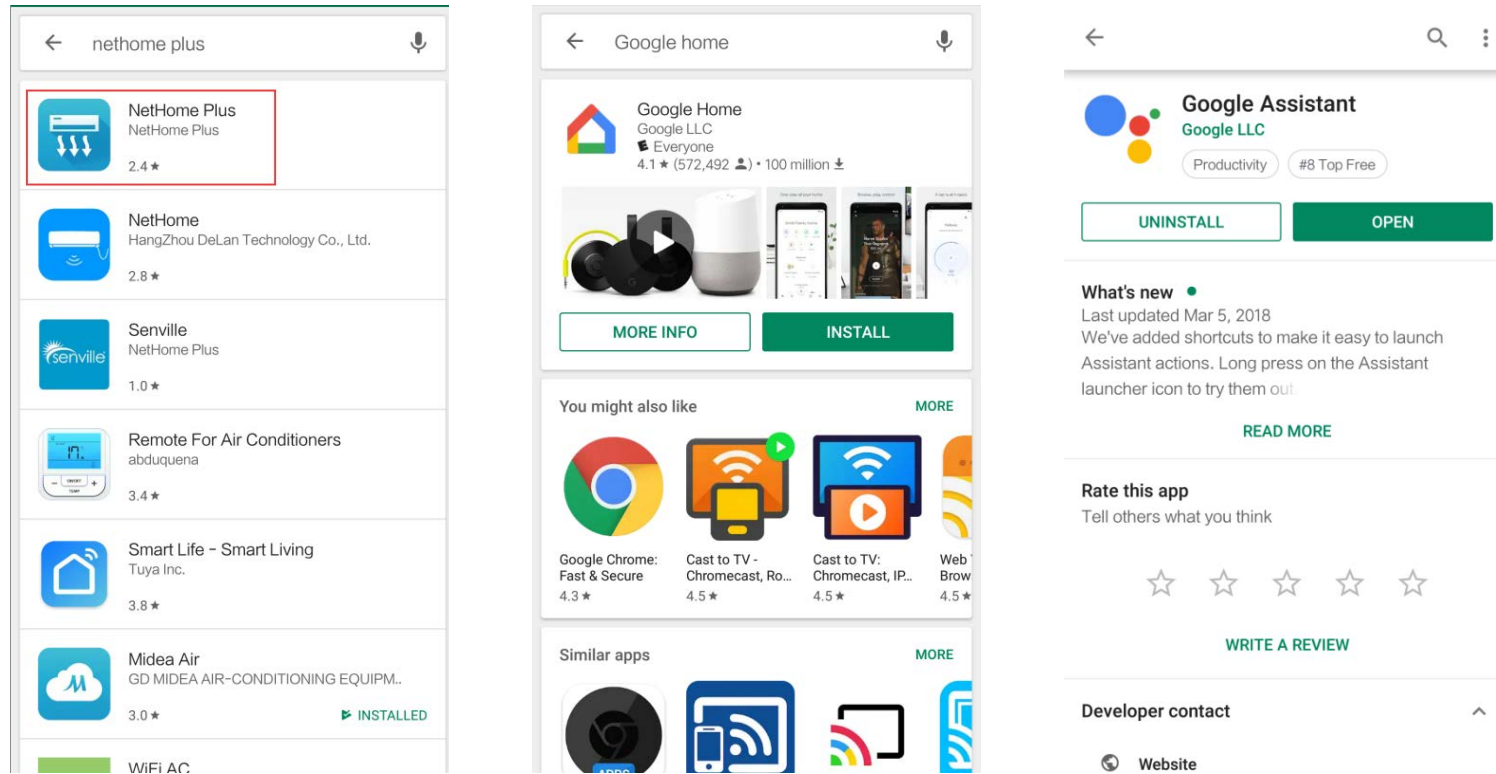
5. Voice command

Function	Parameter	Command
On/off	Turn on	Echo, turn on the air conditioner
	Turn off	Echo, turn off the air conditioner
Temperature setting	62°F	Echo, set air conditioner to 62 degrees
	63°F	Echo, set air conditioner to 63 degrees
	86°F	Echo, set air conditioner to 86 degrees
	17°C	Echo, set air conditioner to 17 degrees
	29°C	Echo, set air conditioner to 29 degrees
	30°C	Echo, set air conditioner to 30 degrees
Mode setting	Cool	Echo, set air conditioner to cool mode
	Heat	Echo, set air conditioner to heat mode
	ECO	Echo, set air conditioner to ECO mode

WIFI Control and Intelligent Speakers

Google Home

1. Download Midea Air (or Nethome Plus), Google Home and Google Assistant app from Google Play.



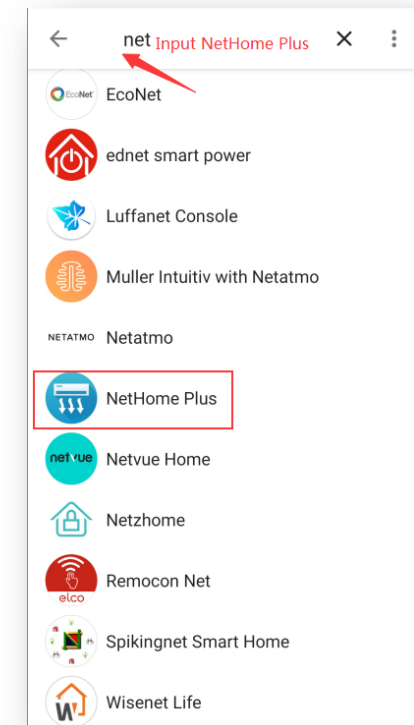
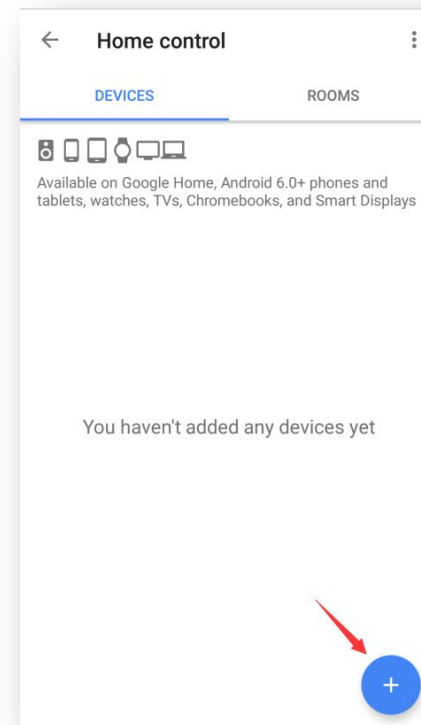
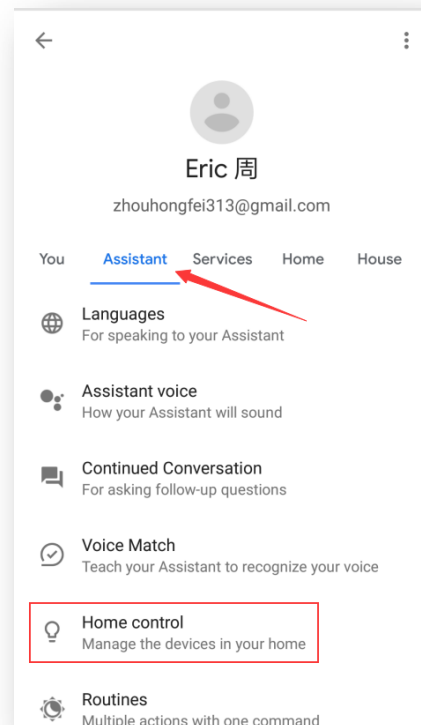
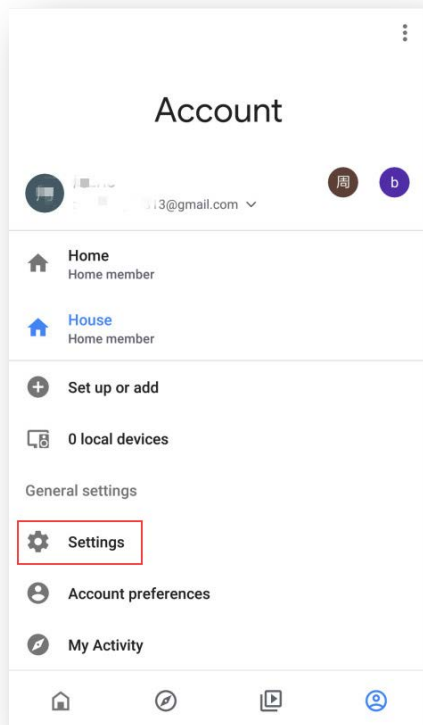
2. Connect the air-conditioner to internet via Midea Air (or Nethome Plus) app according to the prompts.

WIFI Control and Intelligent Speakers

Google Home

3. Configure your Google Home speaker via app according to the prompts.

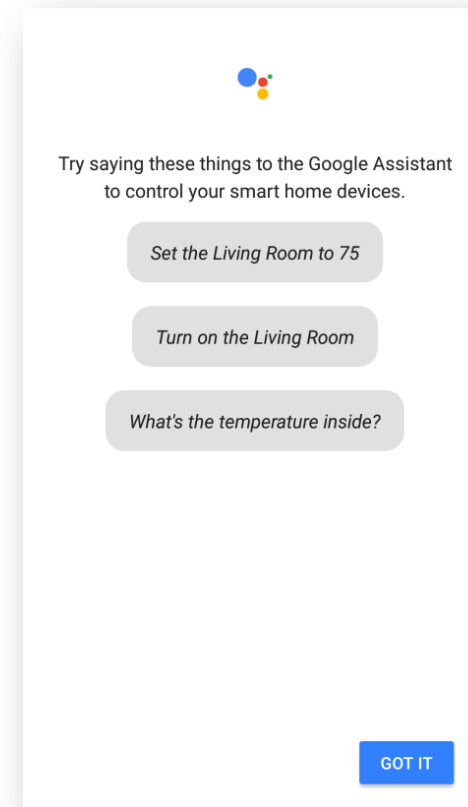
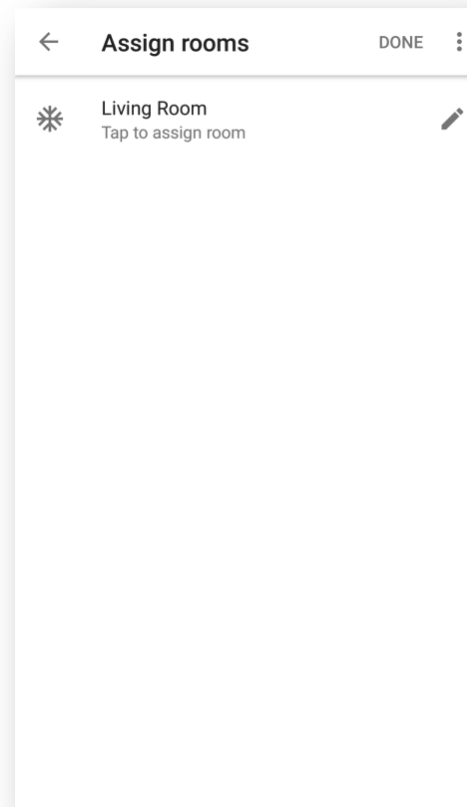
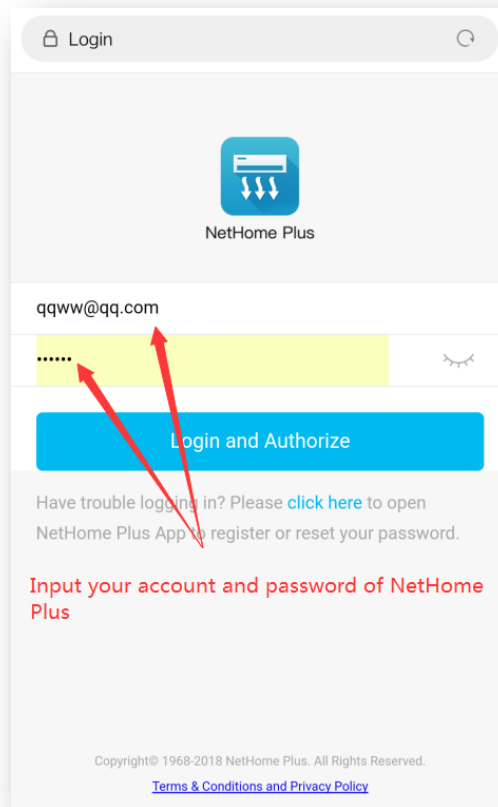
4. Link Nethome Plus to Google Home



WIFI Control and Intelligent Speakers

Google Home

4. Link Nethome Plus to Google Home



WIFI Control and Intelligent Speakers

Google Home

5. Voice command

Function	Parameter	Command
On/off	Turn on	OK, Google, turn on the air conditioner
	Turn off	OK, Google, turn off the air conditioner
Temperature setting	62°F	OK, Google, set air conditioner to 62 degrees
	63°F	OK, Google, set air conditioner to 63 degrees
	86°F	OK, Google, set air conditioner to 86 degrees
	17°C	OK, Google, set air conditioner to 17 degrees
	29°C	OK, Google, set air conditioner to 29 degrees
Mode setting	30°C	OK, Google, set air conditioner to 30 degrees
	Cool	OK, Google, set air conditioner to cool mode
	Heat	OK, Google, set air conditioner to heat mode
	ECO	OK, Google, set air conditioner to ECO mode



Thanks

Make Yourself Home

Dennis Huang

Midea Air-conditioning Equipment Co., Ltd.