

**SPLIT-TYPE ROOM AIR CONDITIONER**

# Wireless Operation Manual

**Models:**

**Heat Pump**

**TWS-TSO25HVGT**

**TWS-TSO32HVGT**

**TWS-TSO50HVGT**

**TWS-TSO70HVGT**

**TWS-TSO80HVGT**

**Cooling Only**

**TWS-TSO25CVGT**

**TWS-TSO50CVGT**

**TWS-TSO70CVGT**

**IMPORTANT NOTE:**

Thank you for selecting a TECO quality Air Conditioner. Read this manual carefully before installing or operating your new air conditioning unit. Make sure to save this manual for future reference.

The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.



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# Smart Phone Environment and Wi-Fi Module

## 1. Minimum specifications on a Smart phone:

Android 5.0 version or higher

IOS 9.0 version or higher

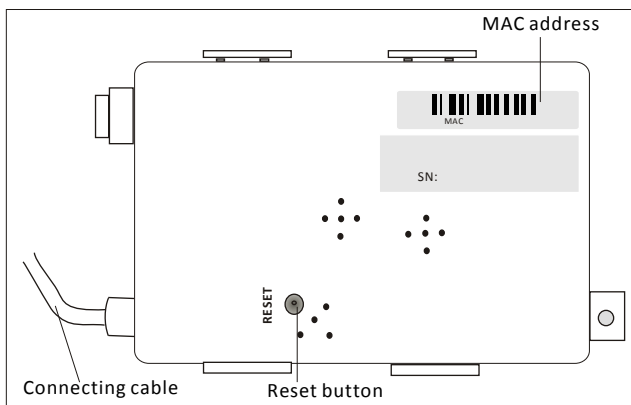
## 2. Wireless Network Requirements of Wi-Fi module

Features \ Standard	IEEE 802.11 b	IEEE 802.11 g	IEEE 802.11 n
Operating frequency	2400 - 2483.5MHz ISM band	2400 -2483.5MHz ISM band	2400 -2483.5MHz ISM band
Modulation	DQPSK,DBPSK CCK,DSSS	QPSK,BPSK,16QAM 64QAM with OFDM	BPSK,QPSK,16QAM 64QAM with OFDM
Channel numbers	13 channels for worldwide	13 channels for worldwide	
Data rate	At most 11Mbps	At most 54Mbps	At most 150Mbps
Sensitivity	-76dBm for 11Mbps	-65dBm for 54Mbps	-64dBm at MCS7 (2.4GHz band/HT20) -61dBm at MCS7 (2.4GHz band/HT40)
Output Power	16±2dBm for 11Mbps	14±2dBm for 54Mbps	12±2dBm at MCS7 (2.4GHz band/HT20) 12±2dBm at MCS7 (2.4GHz band/HT40)
security	Standard: WEP/WEPa/WPA2 encryption algorithm: WEP64/WEP128/TKIP/AES		

## 3. Where is the Wi-Fi module and The MAC address

Open the front panel, the Wi-Fi module is nearby the electric box cover or on the panel.

The MAC address is the ID of a Wi-Fi module, it's very important for after service, please don't remove or destroy the MAC address label.



# Downloading and Installing the APP

## 1. Install the APP for Android Smart phone

**Step1.** Tap the "Play Store" icon on the Smart phone.

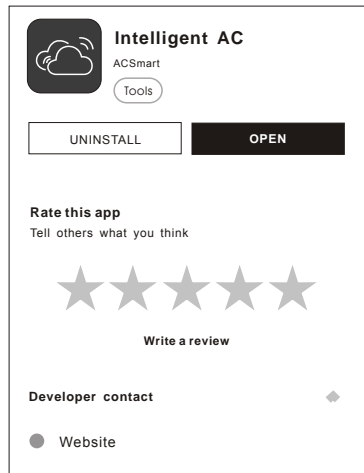
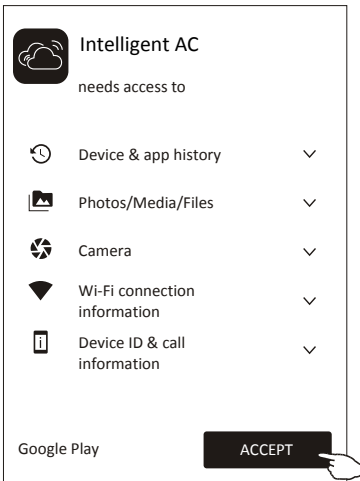
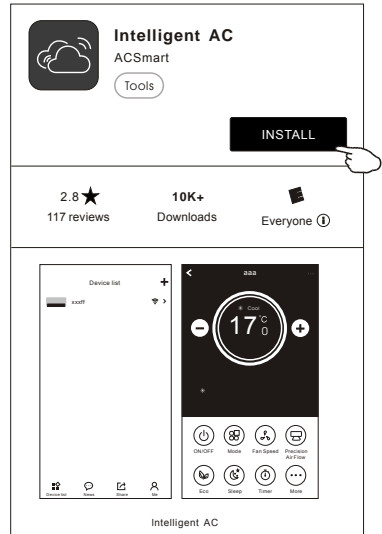


**Step2.** Type "Intelligent AC" in the search window and search the app.

**Step3.** Tap the "INSTALL" button.

**Step4.** Tap the "ACCEPT" button to install the APP.

**Step5.** When the app is finished installing, an OPEN button is displayed on the screen. If you are ready to use it, tap "OPEN" to start it.



# Downloading and Installing the APP

## 2. Install the APP for iPhone (IOS system)

**Step1.** Tap the "APP Store" icon on the iPhone.

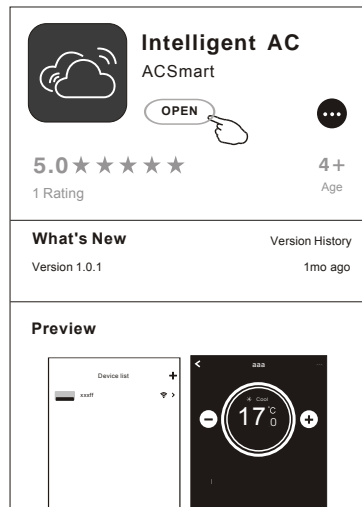
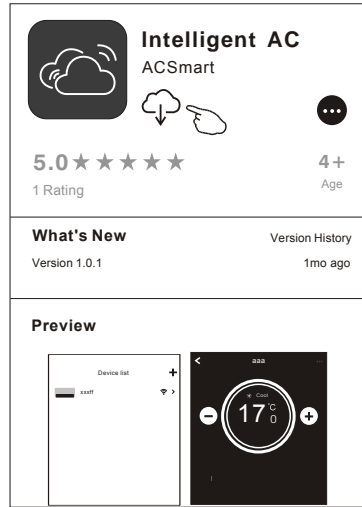


App Store

**Step2.** Type "intelligent ac" in the search window and search the app.

**Step3.** Tap the button  to download and install the APP.

**Step4.** When the app is finished installing, an OPEN button is displayed on the screen. If you are ready to use it ,tap "OPEN" to start it.



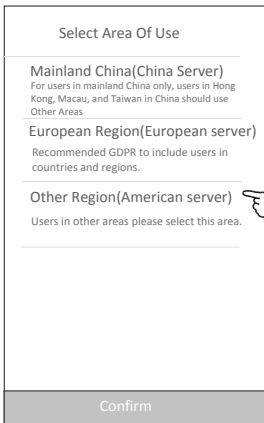
# Activate APP - APP Settings

1. Launch the APP by tapping the Intelligent AC icon on your smart phone.



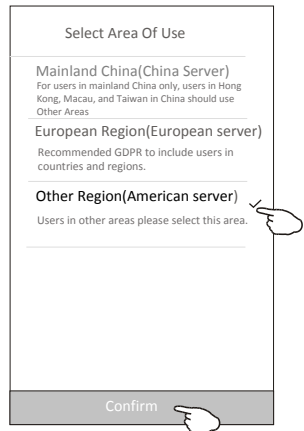
Intelligent AC

2. Once get the permissions, on the next Select Area Of Use screen, please carefully select one of the area and tap Confirm.

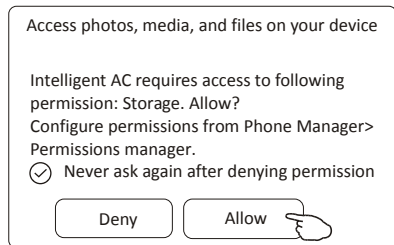
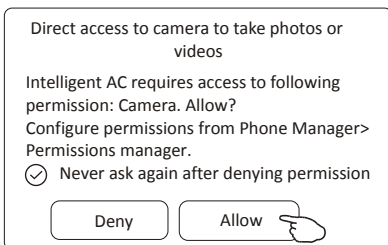


Make sure that the product you use is the same as the local area you choose. Otherwise the product may not work properly

Confirm



3. Tap Allow to get permissions of access to camera and storage on the next permissions screen.



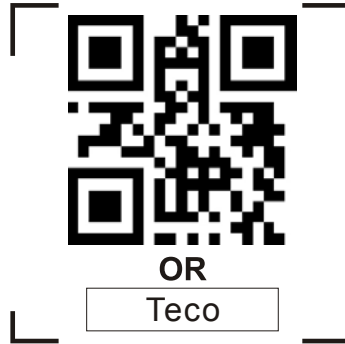
**Note:** if you tap Deny, the app will disable and prompt "Please enable the permission in settings". You can enable the permission in your mobile setting.

# Activate APP - Activation Code and Privacy Agreement

4. On the next activation screen, to activate the APP, you can scan the activate QR code directly or choose Manual input and input the activation code .

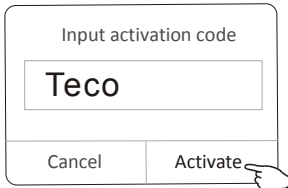


## Activate QR code and activation code

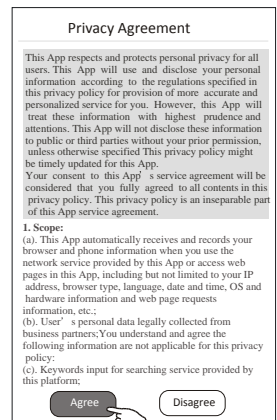
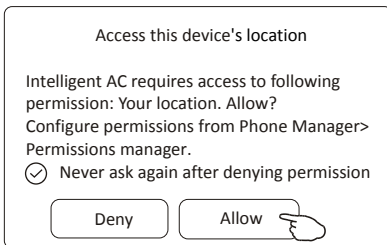


*Note: Without the QR code or activation code, you can't activate the APP and using it, please keep them safe.*

## Scan the QR code or Manual Input



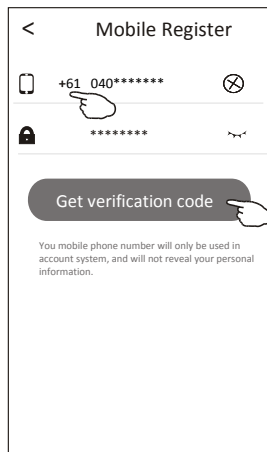
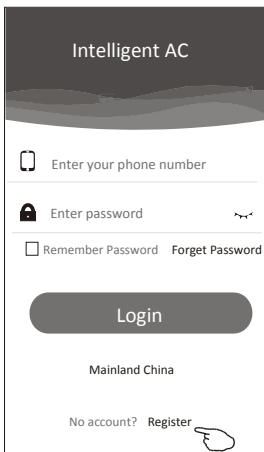
5. Please tap Allow on the next Access to location screen after activation .



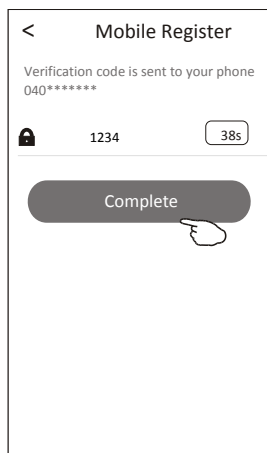
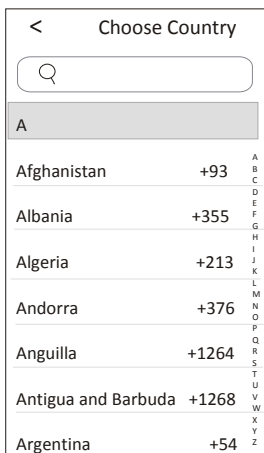
6. Welcome screen and Privacy Agreement screen will POP up , please check the privacy carefully and tap Agree .

# Login - Registration for New User

1. For the new installation of APP, the login screen will appear after Privacy agreement.  
For a new login, it will appear after launching and welcome screen.
2. If you don't have any account please tap Register.
3. Tap country calling code of you phone number like '+61' .
4. Slide the screen or find the country of your mobile phone number located.  
Tap the country like Australia +61.
5. Input your mobile phone number and create a password  
(Password must including 6~20 characters and numbers)
6. Tap Get verification code and a message with verification code will be received on your smart phone.
7. Input the verification code within 59s.
8. Tap Complete when done.



Tap it to display or hidden the password



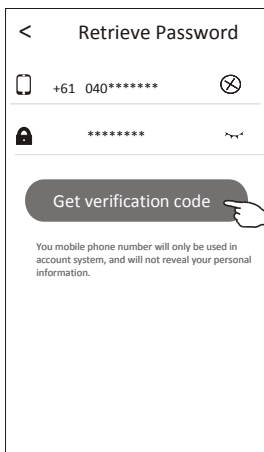
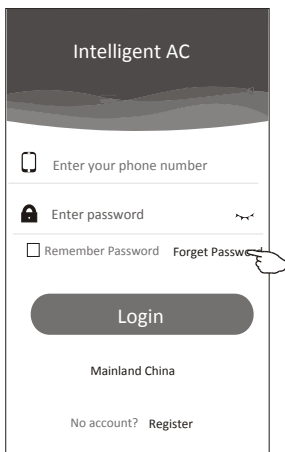
Message sample

[Intelligent AC verification code]: you are now using SMS to obtain Intelligent AC authentication code, verification code is 1234



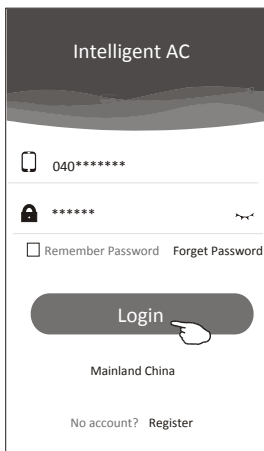
## Login - Forget the Password

1. If you forget the password to login please tap Forget Password.
2. Input your mobile phone number and create a new password (Must including 6~20 characters and numbers).
3. Tap Get verification code.
4. Input the verification code( included in the message received on your smart phone) within 59s.
5. Tap Complete to finish the registration.



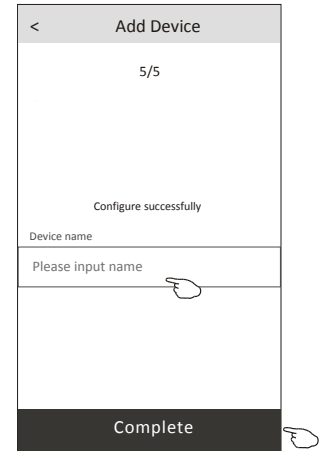
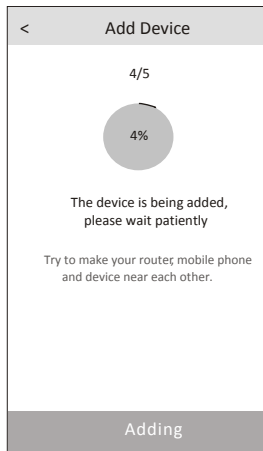
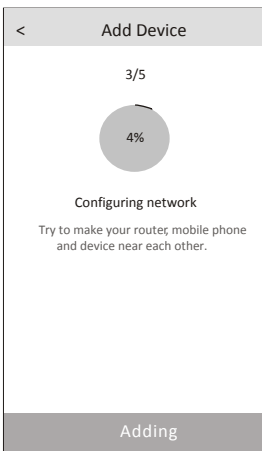
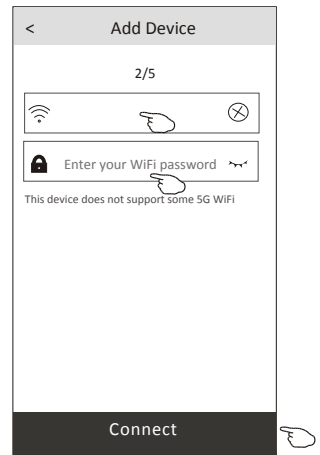
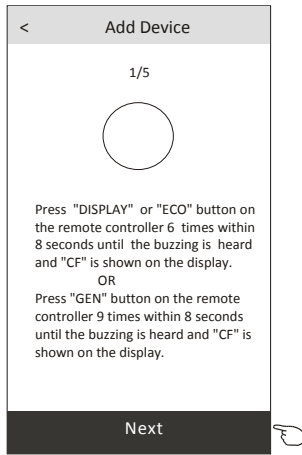
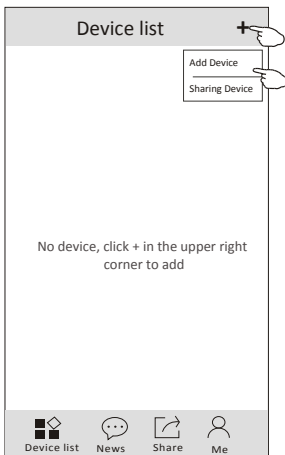
## Login

1. Input your mobile phone number and password.
2. Tap Login.



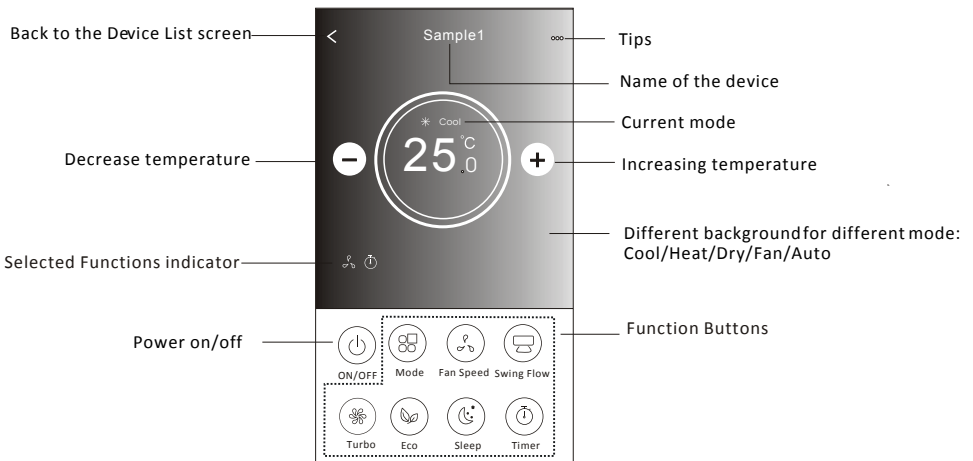
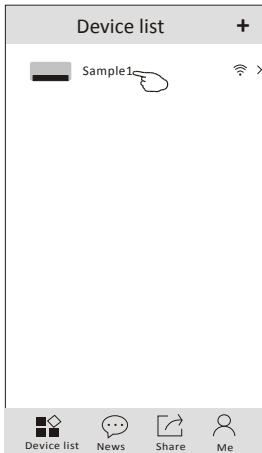
# Add Device

1. Click + in the upper right corner of the Device list screen ,then tap Add Device.
2. Power on the indoor unit(Launching the Air conditioner is not required ) and follow up the instruction on 1/5 screen or press restart button of the Wi-Fi module to restart the Wi-Fi module. Tap next on 1/5 screen.
- 3.Input the Wi-Fi name and password, the same as your smart-phone connected, tap Connect.
4. You can see the percent rate of connecting process,at the same time "PP","SA","AP" shining in turn on the indoor display.  
"PP" means "searching the router"  
"SA" means "connected to the router"  
"AP" means "connected to the server"
5. When finished the configuration it will get into 4/5 and 5/5 screen automatically.
6. Input the name of this device and tap Complete on 5/5 screen.  
The device will be listed on the Device list screen when done.



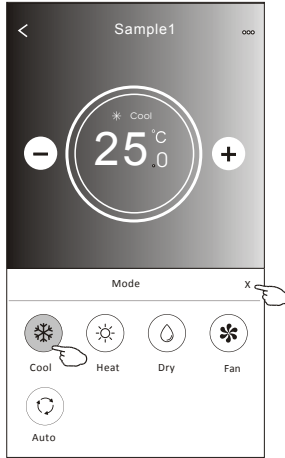
# Air Conditioner Control - Main Control Screen

Tap the name of one device, it will get into the main control screen of the device.



# Air Conditioner Control - Mode

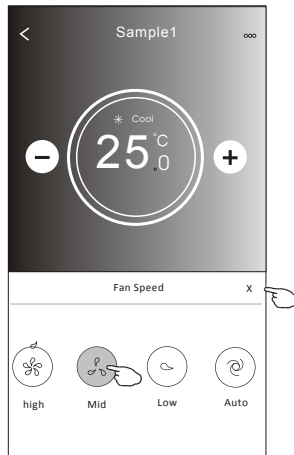
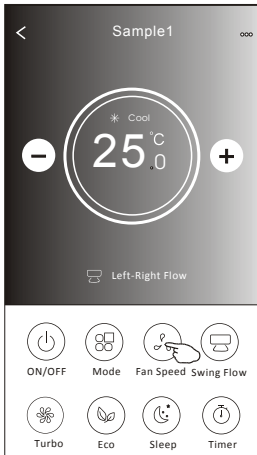
1. Tap the Mode button.
2. There are 5 modes on the Mode screen, tap one button to set the Air conditioner working mode.
3. Tap the X button to back to the main control screen.
4. The mode and background will change on the screen.



**Note:** please read the details of each mode in the user manual to control more comfortable.

# Air Conditioner Control - Fan Speed

1. Tap the Fan speed button.
2. Choose your desired fan speed and tap it.
3. Tap the X button to back the main control screen.
4. The selected fan speed indicator will appear on the screen.



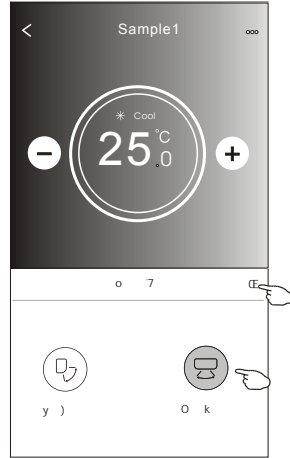
Mode	Fan Speed
Cool	All speeds
Fan	All speeds
Dry	
Heat	All speeds
Auto	All speeds

**Note:**  
Fan Speed can't be adjusted on Dry mode.

# Air Conditioner Control - Air Flow Control

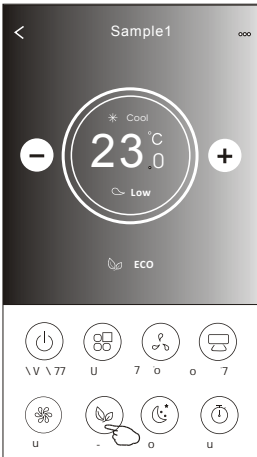
- u h 7 o 7
- #
- u
- u

**Note:** For some models without auto Left-Right wind, If you active it, you will hear a beep, but no any actions.



# Air Conditioner Control - ECO

- 7
  - u
  - u
- @/#
- @
- W °C
- W °C



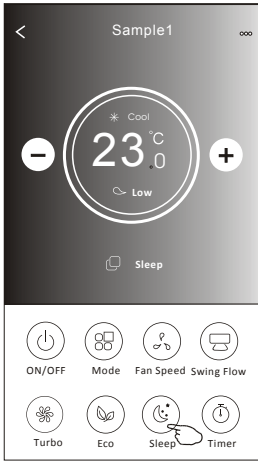
Mode	ECO enabled
Cool	'
Fan	
Dry	
Heat	'
Auto	

-#\ 7 )

**Note:**  
ECO is disabled on Turbo/Sleep mode too for some air conditioner model.

# Air Conditioner Control - Sleep

1. Tap the Sleep button.
2. Choose your desired sleep mode and tap it.
3. Tap the X button to back to the main control screen.
4. The selected sleep mode indicator will appear on the screen.



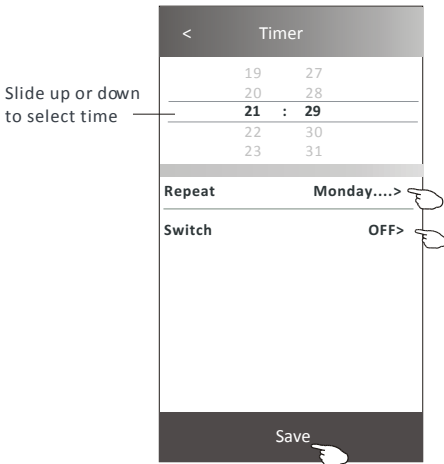
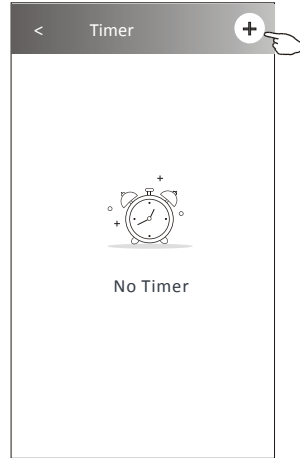
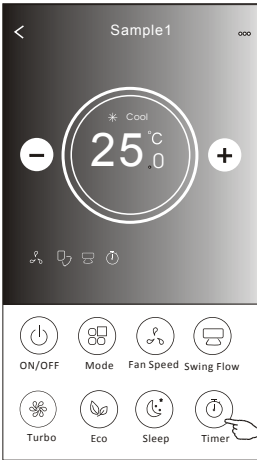
Mode	Sleep enabled
Cool	Yes
Fan	
Dry	
Heat	Yes
Auto	

Sleep is disabled on Fan/ Dry/Auto mode .

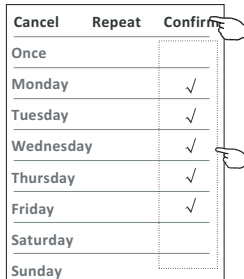
**Note:**  
Sleep is disabled on Turbo/Sleep mode too for some air conditioner model..

# Air Conditioner Control - Timer (Off)

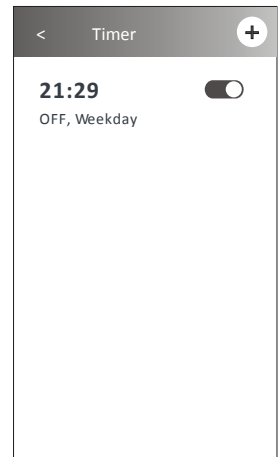
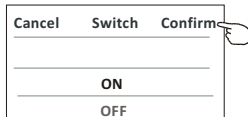
1. Tap the Timer button.
2. Tap + in the upper right corner of the Timer main screen.
3. Choose the Time/Repeat/Switch OFF then tap Save.
4. The timer(off) will appear on the Timer main screen.



Tap repeat> then tap your desired repeat days or Once, then tap Confirm your selection.

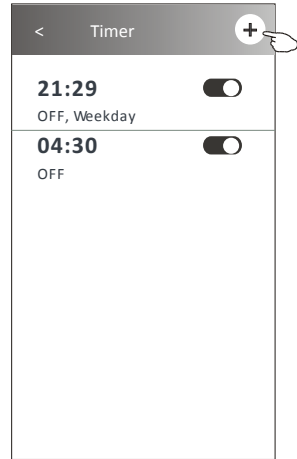
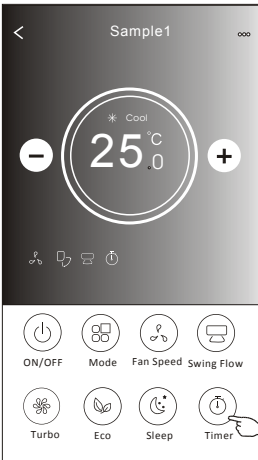


Tap Switch> then slide the screen to choose ON and Confirm.

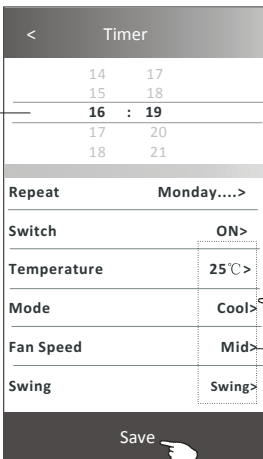


# Air Conditioner Control - Timer (On)

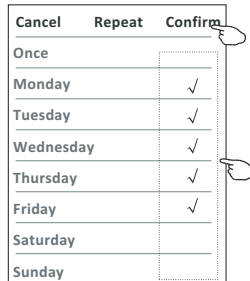
1. Tap the Timer button.
2. Tap + in the upper right corner of the Timer main screen.
3. Set the Time/Repeat Date/Switch(ON)/Temperature/Mode/Fan speed/Air Flow as your desired and then tap Save.
4. The timer will appear on the Timer main screen.



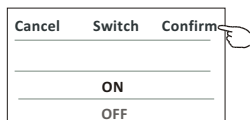
Slide up or down to select time



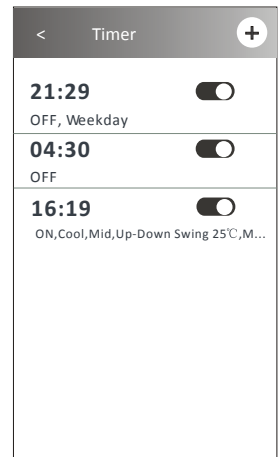
Tap repeat> then tap your desired repeat days or Once, then tap Confirm your selection.



Tap Switch> then slide the screen to choose ON and Confirm.



Tap Temperature/Mode/Fan Speed/ Air Flow > one by one then setas your desired as mentioned on the previous chapter and tap Confirm the setting.





# Air Conditioner Control - Timer (Change /Disable /Delete)

## 1. Change the Timer setting:

Tap anywhere of the timer list bar except the switch bar to get into the Timer setting screen, change the setting and then tap save.

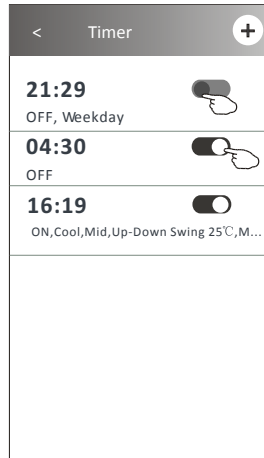
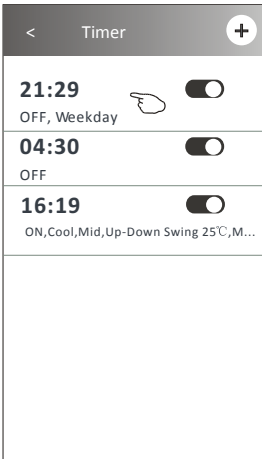
## 2.Enable or Disable the Timer:

Tap the left of the switch to disable the Timer.

Tap the right of the switch to enable the Timer.

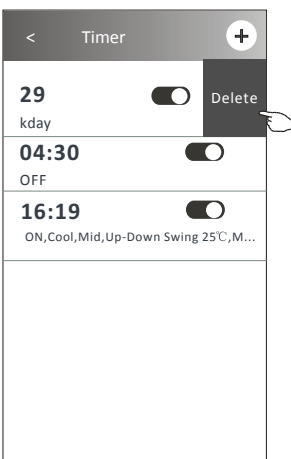
## 3.Delete the Timer:

Slide the list bar of the Timer from right to left until Delete button appear, then tap delete.



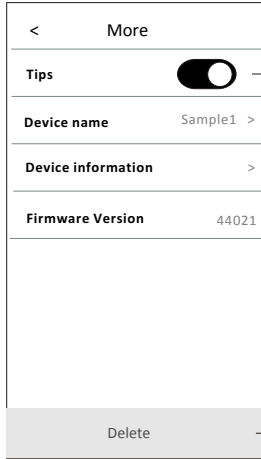
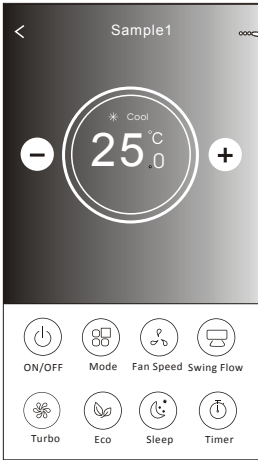
Slid left to disable the Timer.

Slid right to enable the Timer.



# Tips of the Device

Tap . . . in the upper right corner of the device main screen.



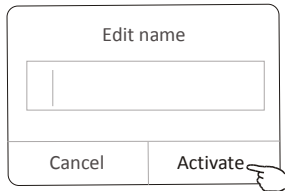
Tap rightor left of thebar to switch on/off the tips below.

Tap to Edit name(rename).

Tap toget the device information.

Tap todelete the device.

Device information	
PID	00000xxxxxx
DID	00000xxxxxx
MAC	34.ea.xxxxxx
Device IP	192.168.xxxxxx
Access cloud	106.xxxxxx
Data cloud	47.xxxxxx
Copy all	



Input the new name and tap Activate.

# News

1. Tap News in the bottom of the device list screen.

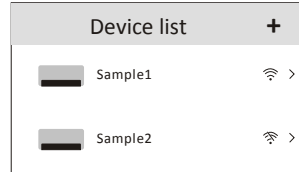
2. Tap the device name and you can check the news of the device when operation.



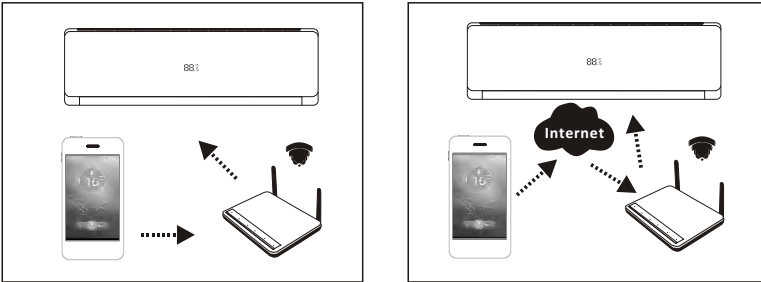
# Share the Device

## 1. Online, Offline

📶 Online, You can control the air conditioner through Wi-Fi without Internet in the same Wi-Fi home network, or you can control the air conditioner through Internet base on mobile network (3G/4G) or other Wi-Fi resources.



📶 The air conditioner is off or connecting issue.

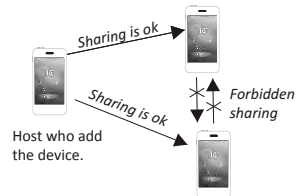


2. Tap Share in the bottom of the device list screen.

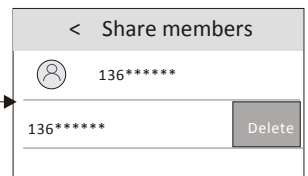
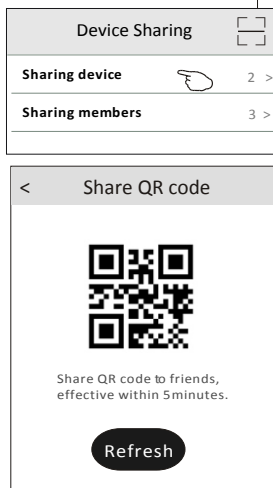
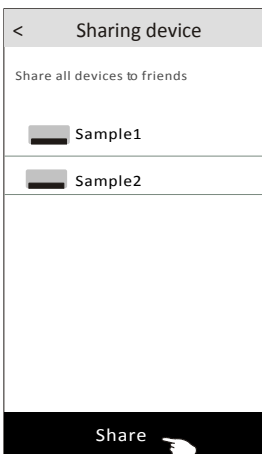
3. Tap Sharing device.

4. Tap share and send the QR code to other people.

5. Other people have to get into the Device Sharing screen of this APP to use the integrate scanner to scan the QR code.



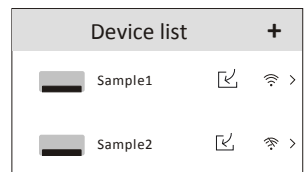
## Scanner





Slide the name from left to right  
Tap Delete to remove the sharing member

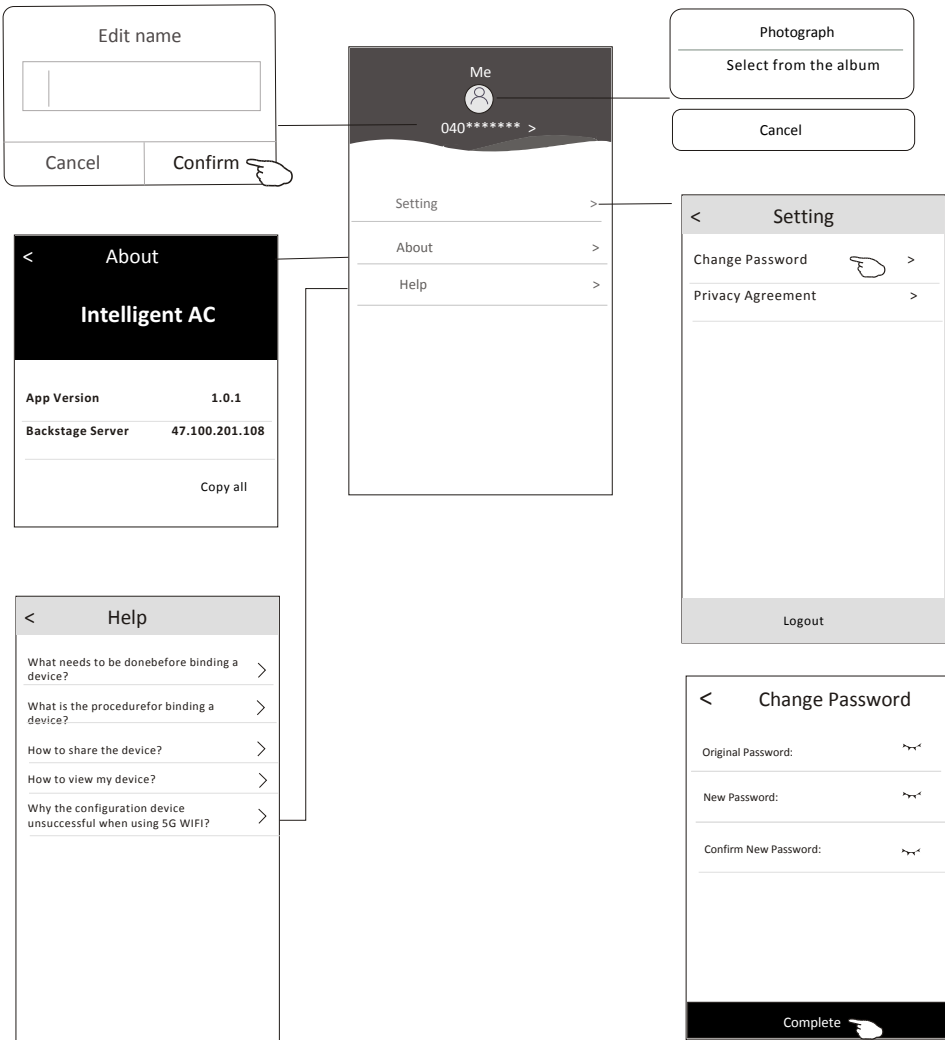
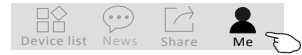
Note:  
It's a sample, don't scan. Scan the sharing QR code on your friend phone.  
And must use the integrate scanner.

Tap Refresh if QR code is noneffective.



# Account and Help

1. Tap  in the bottom of the device list screen.
2. Tap  to take or choose a picture for your account.
3. Tap your account name to edit the name.
4. Tap setting to change your login password if possible.
5. Tap About to check the APP version and Backstage Server.
6. Tap Help to get some operate instructions and solutions of problems.



Tap complete to confirm the change

## Notice

1. For technical update, there is maybe deviation of the actual items from what is on the manual. Please refer to your actual product and APP.
2. Smart air conditioner APP can be altered without notice for quality improvement and also be deleted depending on the circumstances of manufacturing firms .
3. In case Wi-Fi signal strength is weakened, smart APP may be disconnected. So make sure the indoor unit near to wireless router.
4. DHCP server function should be activated for wireless router.
5. The Internet connection may fail because of a firewall problem. In this case, contact your Internet service provider.
6. For smart phone system security and network setting, make sure Smart air conditioner APP is trusted.

## Trouble Shooting

Description	Analysis of cause
<b>Air conditioner can't be configured successfully</b>	<ol style="list-style-type: none"> <li>1. Check the mobile connected Wi-Fi address and password is correct;</li> <li>2. Check the air conditioner under configuration status;</li> <li>3. There are any firewall or other restrictions have been set or not;</li> <li>4. check the router work normally;</li> <li>5. Make sure air conditioner, router and mobile work within signal scope;</li> <li>6. Check router shielding APP or not;</li> </ol>
<b>Mobile can't control air conditioner</b>	<p>Software display: Identification failed, It means the air conditioner has been reset, and the mobile phone lost control permission.</p> <p>You need to connect Wi-Fi to get permission again. Please connect the local network and refresh it. After all still can't work, please delete air conditioner and wait its refresh.</p>
<b>Mobile can't find air conditioner</b>	<p>Software display: Air conditioner out of line. Please check network working;</p> <ol style="list-style-type: none"> <li>1. The air conditioner has been reconfiguration;</li> <li>2. Air conditioner out of power;</li> <li>3. Router out of power;</li> <li>4. Air conditioner can't connect to router;</li> <li>5. Air conditioner can't connect to network through the router (under remote control mode);</li> <li>6. Mobile can't connect to router(Under local control mode);</li> <li>7. The mobile phone can't connect to network (under remote control mode).</li> </ol>

## Repairs, Services & Warranty

It is hazardous for anyone installing, removing, altering, repairing, servicing or testing of this appliance.

Only an Authorised Service Person can carry out servicing or repairs to this appliance.

### **IF SERVICE IS REQUIRED:**

If you have a problem, and the problem persists after you have made the checks mentioned in this manual, contact: TECOAustralia's Service on 1300 660 037 (8:30am - 4pm Mon~Fri AEST)

For warranty details please visit [www.teco.com.au](http://www.teco.com.au)

Service Email: [had.service@teco.com.au](mailto:had.service@teco.com.au)

Spare Parts: [had.parts@teco.com.au](mailto:had.parts@teco.com.au)