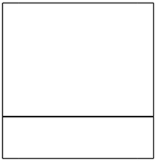
Wifi Bridge

Quick Start Guide

AC701



Function

Max. 30 motors

Max. 50 scenes

Max. 20 Rooms

Max. 30 timers

Parameter

input Voltage
5V

Product Size
51.5x10.0x50.0mm

Wireless Frequency
433Mhz

Standby Power Consumption
≤0.5W

WI-FI
2.4GHz

Net Weight
About 20g

Working Temperature
0℃~40℃

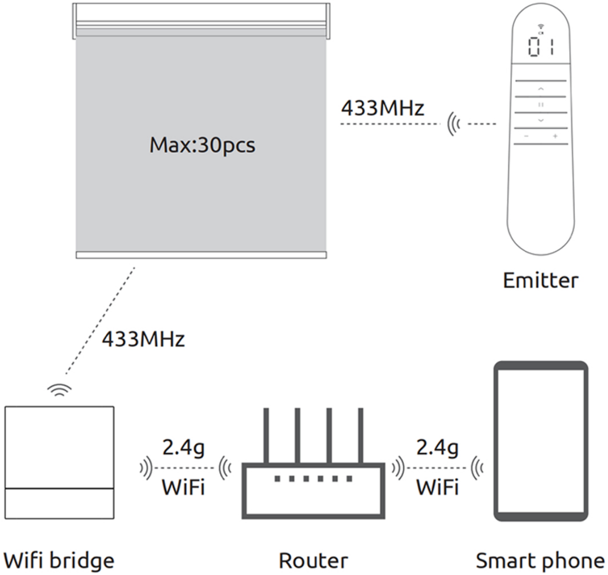
Infrared Frequency
38K

Relative Humidity
≤85% RH（no condensation）

Infrared Communication Distance
≤8m（Changes due to usage environment ）

2

Control Scheme


Max:30pcs
433MHz
Emitter
433MHz
2.4g
WiFi
2.4g
WiFi
Wifi bridge
Router
Smart phone

3

Before Using

Download the Tuya App by following the link in QR Code.
You must register and login into app on your desired smartphone.

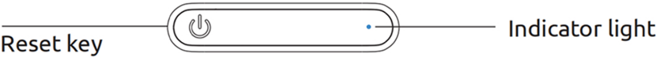
or

Make sure your smart phone WiFi and Bluetooth is turned on.
Make sure to connect to a 2.4 G WiFi connection.

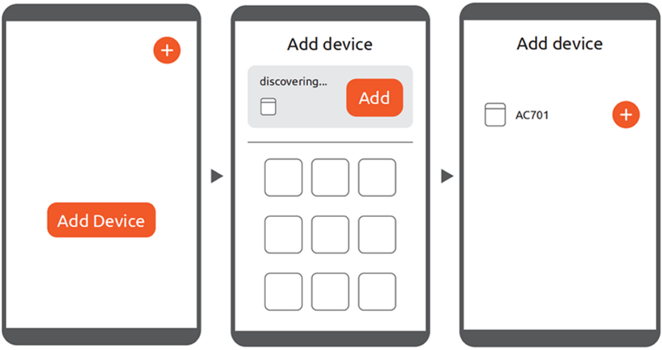
2.4G WiFi

Bluetooth

Match the wifi bridge


Reset key
Indicator light

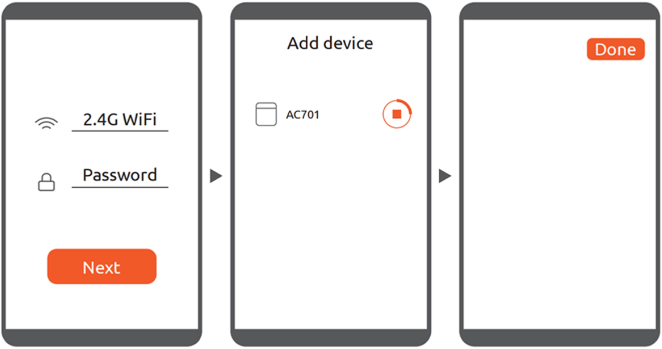
1.Long press Reset key on wifi bridge at least 5 seconds until the indicator light flashes


Add Device
Add device
discovering...
Add
Add device
AC701

"Add device" or ⊕ Autoscan Click "⊕"

5

Match the wifi bridge


2.4G WiFi
Password
Next
Add device
AC701
Done

Click **Next** Connecting Done

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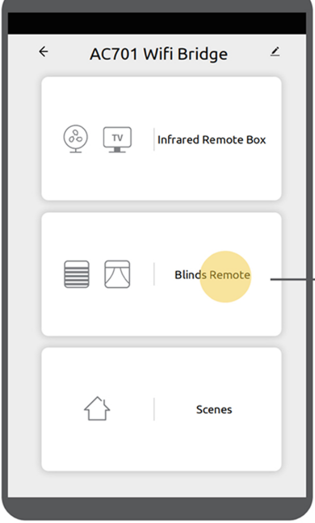
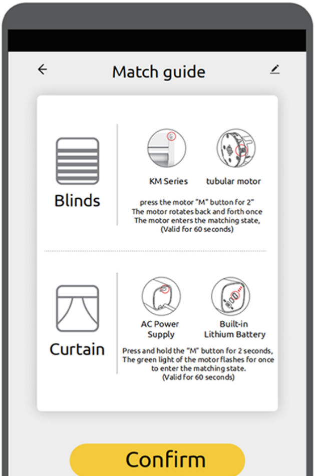
Match the Smart Blinds


AC701 Wifi Bridge
TV
Infrared Remote Box
Blinds Remote
Scenes

Match the Smart Blinds

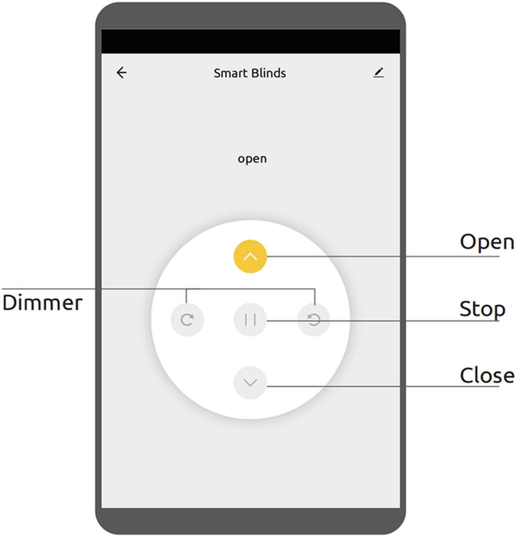

Match guide
Blinds
KM Series
tubular motor
Curtain
AC Power Supply
Built-in Lithium Battery
Confirm

press the motor "M" button for 2"
The motor rotates back and forth once
The motor enters the matching state,
(Valid for 60 seconds)

Press and hold the "M" button for 2 seconds,
The green light of the motor flashes for once
to enter the matching state.
(Valid for 60 seconds)

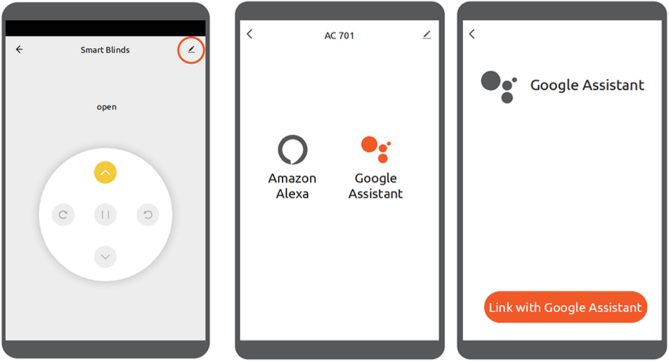
8

Control Interface


Smart Blinds
open
Open
Dimmer
Stop
Close

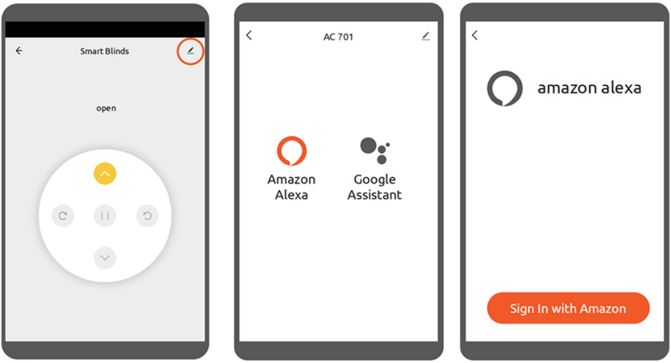
9

Connect Google Assistant


Smart Blinds
open
AC 701
Amazon Alexa
Google Assistant
Google Assistant
Link with Google Assistant

Click Link with Google Assistant
(Multiple devices only need to bind account once)
"OK Google, open <device name>"
"OK Google, close <device name>"

Connect Alexa


Smart Blinds
open
AC 701
Amazon Alexa
Google Assistant
amazon alexa
Sign In with Amazon

Click Sign In with Amazon
(Multiple devices only need to bind account once)

"Alexa, open <device name>"
"Alexa, close <device name>"

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FCC Caution:
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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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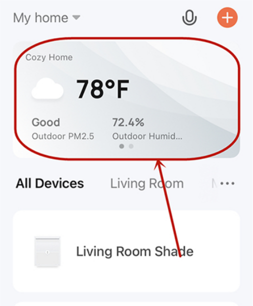
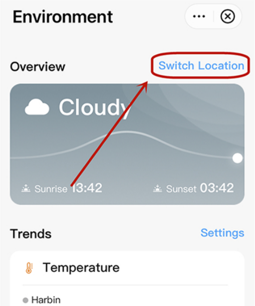
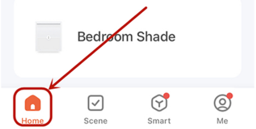
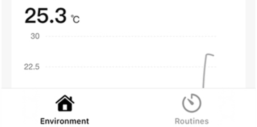
Find your city


My home
Cozy Home
78°F
Good
Outdoor PM2.5
72.4%
Outdoor Humid...
All Devices
Living Room
Living Room Shade


Environment
Overview
Switch Location
Cloudy
Sunrise 13:42
Sunset 03:42
Trends
Settings
Temperature
Harbin


Bedroom Shade
Home
Scene
Smart
Me


25.3 ℃
30
22.5
Environment
Routines

Click “Switch Location”,select city.
Find your city on the home page and start mobile positioning

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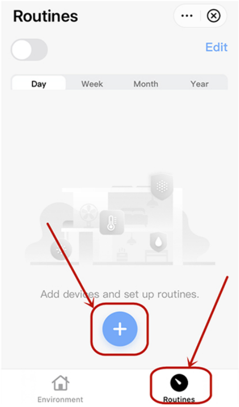
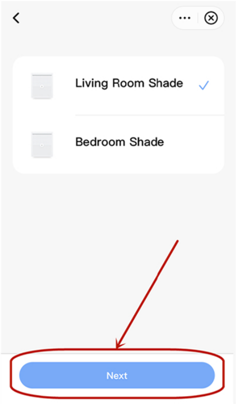
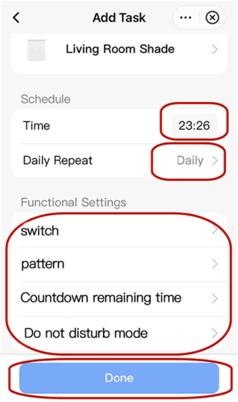
Set cycle


Routines
Edit
Day
Week
Month
Year
Add devices and set up routines.
Environment
Routines


Living Room Shade
Bedroom Shade
Next


Add Task
Living Room Shade
Schedule
Time
23:26
Daily Repeat
Daily
Functional Settings
switch
pattern
Countdown remaining time
Do not disturb mode
Done

Click “Routines”, and then click “+” add device settings cycle event.
Set events, repetition frequency, and function settings

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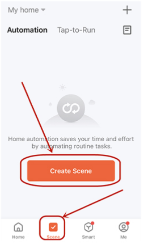
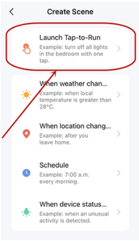
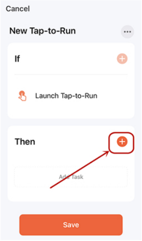
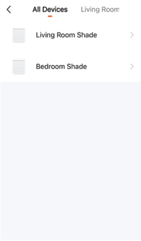
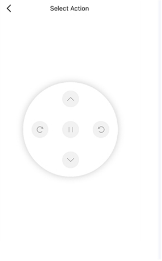
Set group control on TUYA app


My home
Automation
Tap-to-Run
Home automation saves your time and effort by automating routine tasks.
Create Scene
Home
Scene
Smart
Me




Cancel
New Tap-to-Run
If
Launch Tap-to-Run
Then
Add Task
Save

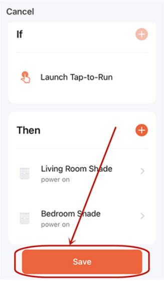

All Devices
Living Room
Living Room Shade
Bedroom Shade

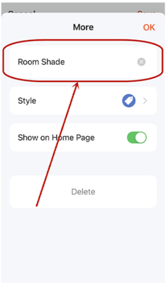

Select Action

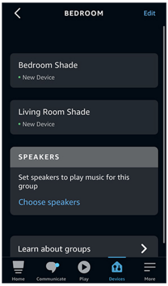
Back to the homepage and click “Scene”, and then click “Create Scene”.
Click “Launch Tap-to-Run”.

Click “+”,then you can add more devices.
Select the device you want to set up.
Click the action you want to perform, for example if you want to open the shade you should click ”^”.

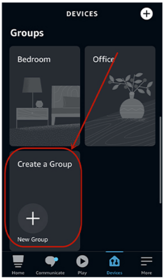
Set group control on TUYA app


Cancel
If
Launch Tap-to-Run
Then
Living Room Shade
power on
Bedroom Shade
power on
Save


More
OK
Room Shade
Style
Show on Home Page
Delete

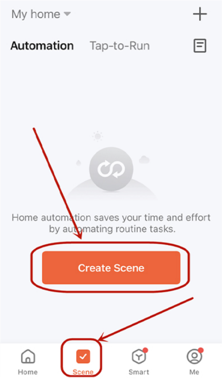

BEDROOM
Edit
Bedroom Shade
• New Device
Living Room Shade
• New Device
SPEAKERS
Choose speakers
Learn about groups
Home
Communicate
Play
Devices
More

Set speakers to play music for this group

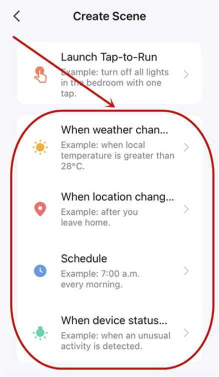

DEVICES
Groups
Bedroom
Office
Create a Group
New Group
Home
Communicate
Play
Devices
More

Finish your setting, click “Save”.
You can change the name for this setting.
Voice commands are ”turn on”, ”turn off”.
Notice:Group control can also be set in Alexa. Just create “Group”, and the voice commands are ”open” and ”close”.

DIY scene on TUYA app – weather


My home
Automation
Tap-to-Run
Create Scene
Home
Scene
Smart
Me

Home automation saves your time and effort by automating routine tasks.


Create Scene
Launch Tap-to-Run
When weather chan...
When location chang...
Schedule
When device status...

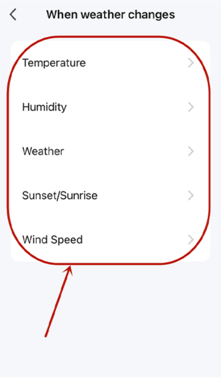
Example: turn off all lights in the bedroom with one tap.

Example: when local temperature is greater than 28°C.

Example: after you leave home.

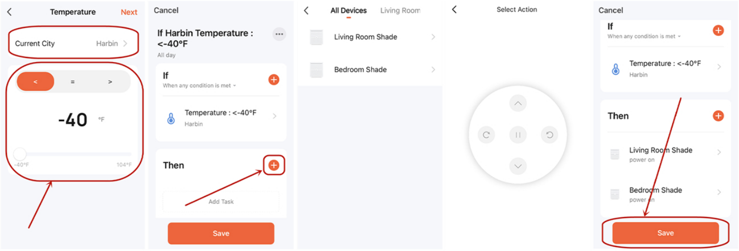
Example: 7:00 a.m. every morning.

Example: when an unusual activity is detected.


When weather changes
Temperature
Humidity
Weather
Sunset/Sunrise
Wind Speed

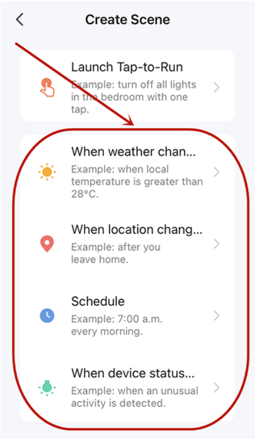
Back to “Scene”,click “Create Scene”.
You can choose“When weather change”、“When location change”、“Schedule”、“When device status change”, here we click “when weather change”.

DIY scene on TUYA app – weather


Temperature
Next
Current City
Harbin
<
=
>
-40
°F
-40°F
104°F
Cancel
If Harbin Temperature : <-40°F
All day
If
When any condition is met
Temperature : <-40°F
Harbin
Then
Add Task
Save
All Devices
Living Room
Living Room Shade
Bedroom Shade
Select Action
Cancel
If
When any condition is met
Temperature : <-40°F
Harbin
Then
Living Room Shade
power on
Bedroom Shade
power on
Save

If you choose to control the curtain according to the temperature change, for example choose "Temperature",then confirm the current city,and set the degrees Fahrenheit greater than, equal to and less than, click "Next" after finished,click "+", you can add more devices, select the shade you want to control, and then click the control button,click "save" after completing all settings.

DIY scene on TUYA app – change of home location



Create Scene

Launch Tap-to-Run
Example: turn off all lights in the bedroom with one tap.

When weather chan...
Example: when local temperature is greater than 28°C.

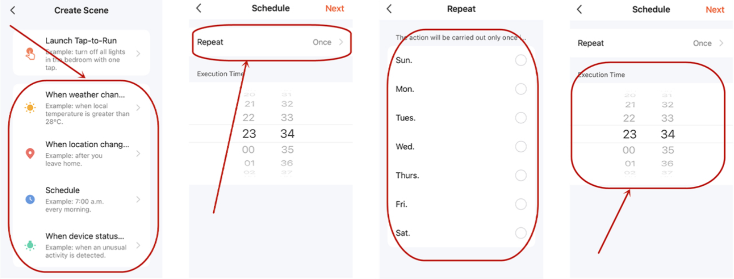
When location chang...
Example: after you leave home.

Schedule
Example: 7:00 a.m. every morning.

When device status...
Example: when an unusual activity is detected.

Position change Setting, click "When Location change",the mobile phone is required to always open the location for the "Tuya" app,mobile phones consume more power.Then locate the location and range of the home, and change the state of the shade when going out and going home.

DIY scene on TUYA app – timing


Create Scene
Launch Tap-to-Run
When weather chan...
When location chang...
Schedule
When device status...
Schedule
Next
Repeat
Once
Execution Time
20 31
21 32
22 33
23 34
00 35
01 36
02 37
Repeat
Sun.
Mon.
Tues.
Wed.
Thurs.
Fri.
Sat.
Schedule
Next
Repeat
Once
Execution Time
20 31
21 32
22 33
23 34
00 35
01 36
02 37

Example: turn off all lights in the bedroom with one tap.

Example: when local temperature is greater than 28°C.

Example: after you leave home.

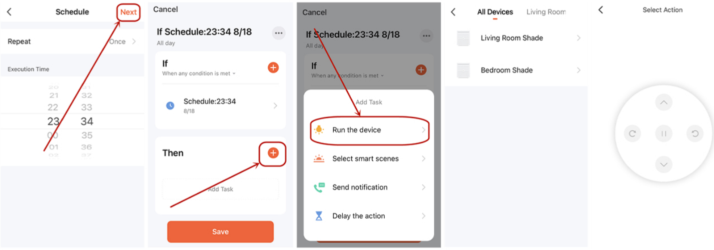
Example: 7:00 a.m. every morning.

Example: when an unusual activity is detected.

The action will be carried out only once i...

Click "Schedule" to enter the setting interface.
First set the frequency and select "Repeat"
elect the number of days you want to repeat execution like setting an alarm clock.If not, it will only be executed once by default, and return after completion.

DIY scene on TUYA app – timing


Schedule
Next
Repeat
Once
Execution Time
20 31
21 32
22 33
23 34
00 35
01 36
02 37
Cancel
If
Then
Add Task
Save
Cancel
If
Add Task
Run the device
Select smart scenes
Send notification
Delay the action
All Devices
Living Room
Living Room Shade
Bedroom Shade
Select Action

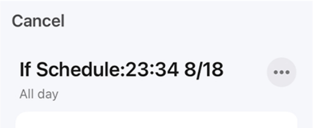
If Schedule:23:34 8/18
All day

When any condition is met

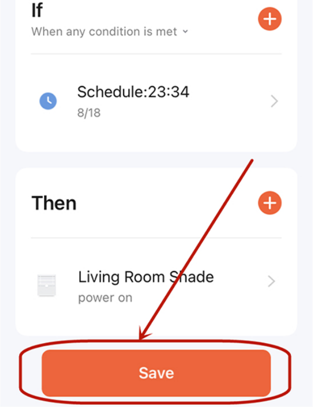
Schedule:23:34
8/18

After setting, click "Next"
Click "+" to set the tasks to be executed. Multiple tasks can be added
Click "Run the device"
Select the shade you want to use. Next, select the button you want to use

DIY scene on TUYA app – timing

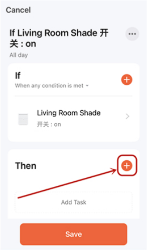


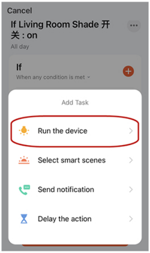
If Schedule:23:34 8/18
All day

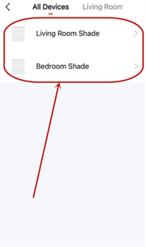

If
When any condition is met
Schedule:23:34
8/18
Then
Living Room Shade
power on
Save

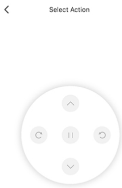
After setting,
click ”Save” to complete the timing

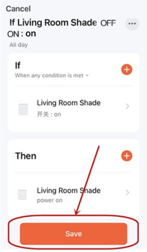
DIY scene on graffiti app – when device status changes


Cancel
If Living Room Shade 开关 : on
All day
If
When any condition is met
Living Room Shade
开关 : on
Then
Add Task
Save


Cancel
If Living Room Shade 开关 : on
All day
If
When any condition is met
Add Task
Run the device
Select smart scenes
Send notification
Delay the action


All Devices
Living Room
Living Room Shade
Bedroom Shade


Select Action


Cancel
If Living Room Shade OFF ON : on
All day
If
When any condition is met
Living Room Shade
开关 : on
Then
Living Room Shade
power on
Save

Click ”+” to set multiple tasks at the same time
Select ”run the device”, then select the changed shade, and then select the corresponding control button
Click ”save” to complete all settings