



IN220800660V01_US

830-641V81



Smart Curtain



IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY

ASSEMBLY INSTRUCTION

Dear customer,

Thank you for purchasing this product. So that your appliance serves you well, please read all the instructions in this user's manual. If you have any questions, please contact our customer care center.

Our contact details are below:

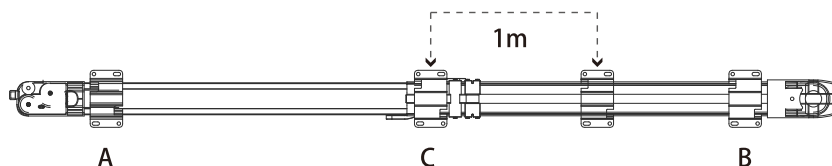
Country	 Phone	 Email
US	001-877-644-9366	customerservice@aosom.com

Expansion Rail Installation Manual

I .Set configuration list

NO.	Name	NO.	Name
1	3.6m/4.6m Electric expansion curtain track	4	Screw kit
2	Specifications	5	Small rail top mount bracket accessory package (Number of bracket: 3.6 m / 3pcs, 4.6 m / 4pcs)
3	Plastic accessories package	6	Large rail top mount bracket accessory package (Number of bracket: 3.6 m / 3pcs, 4.6 m / 4pcs)

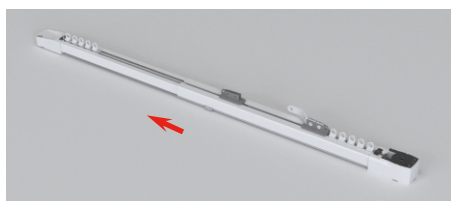
II .Specification for the installation of top-mounted bracket



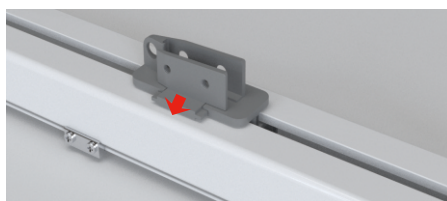
As shown above, both ends, A, B and splicing C, must be fitted with a top bracket. The splice bracket shall be installed at the large rail. Install the rest of the bracket according to the total length - one at every metre. The 3.6m orbital expansion range is 1.95-3.6m, 4.6m. Orbital expansion range is 2.45-4.6m.

III .Track installation

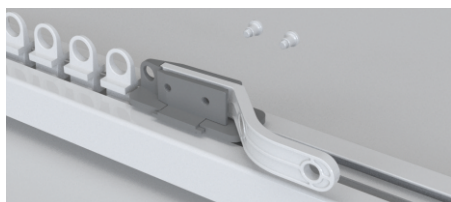
Track length adjustment



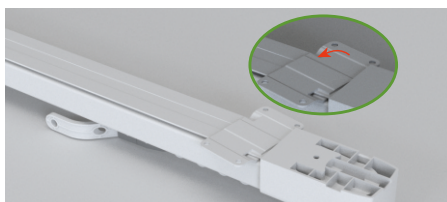
1. Pull the track down to the desired length.



2. Pull the paddle out and push the slide to the end of the small rail.



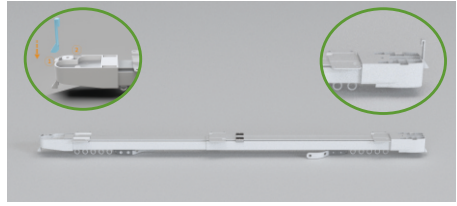
3. Put it in the boom, close the paddle and screw it in.



4. Install the top mounting bracket.

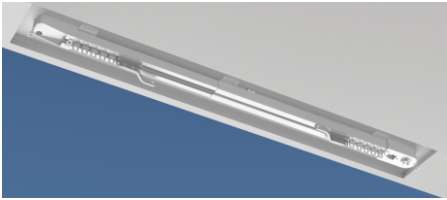


5. Install multiple top brackets - one at every one metre.



6. Install end hooks at both side ends.
The end of the curtain cloth should be hung on the end hook.

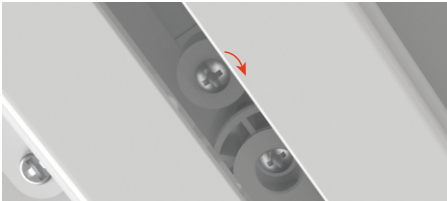
Install the track



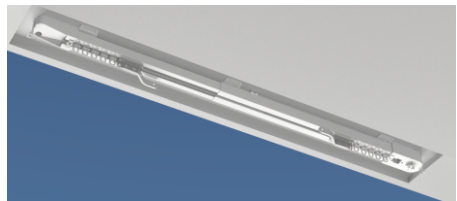
1. Drag the track onto the mounting slot.



2. Screw the top bracket and both ends.



3. Tighten the screws at the track fixing point.



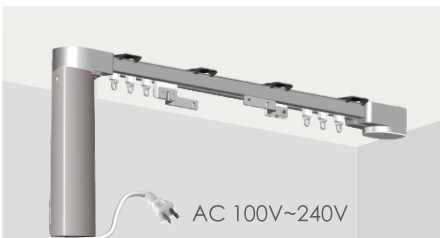
4. Installation is complete.



5. Install curtain motor



6. Auto close



7. complete

Note:

1. Large rail top bracket groove is shallow, small rail top bracket groove is deep, please pay attention to distinguish the two.
2. The pulley must be reset before installing the boom arm and subsequent operation.
3. If the installation groove is wooden, it can be inserted directly in but if it is concrete, it needs to be set in position. Hit the hole with an electric drill, then plug into the fish-shaped sheath before entering the screw. Please pay special attention to not scratch the track with screws!

Curtain motor Instruction

DT82TN/NA

Features

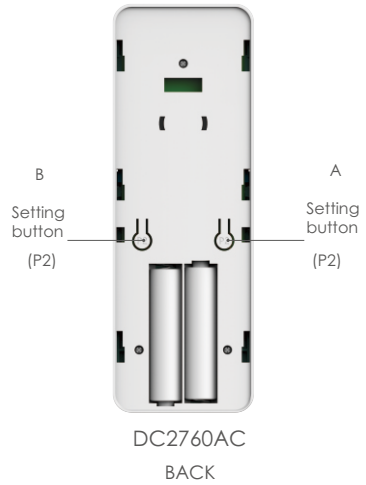
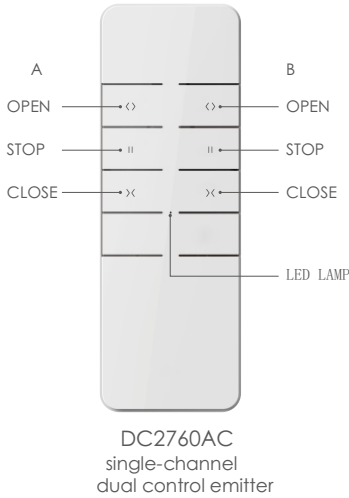
Model	Built-in Receiver	Switch Direction	Stall Detection	Electronic Limit	Preferred Stop Position
DT82TN/NA	●	●	●	●	●
	Manually Set The Open And Close Limits	Run/stop By Pulling Fabric	Weak-current Switch Function	Tuya WIFI WBR3	Reset To Factory Mode
	●	●	●	●	●

1. Gently open and close: When the curtain is running, the speed goes from slow to fast. When it is close to the limit, the speed goes from fast to slow.
2. Stall detection: To avoid accidents, the motor automatically stops if it encounters resistance during use. If the motor encounters resistance at the same point three times in a row, use this point as a reference to correct the limit - the total limit length remains unchanged.

Main Parameters

Model	Radio Frequency (MHZ)	Rated Voltage (V)	Working Temperature (°C)	Max. continuous running time(min)
DT82TN/NA	433.92	AC 100~240	-10~+55	4

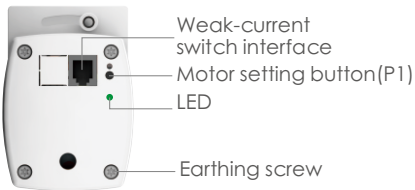
Button functions



Technical specification

Battery: 3V (AAAx2)	Battery life: >2 years	Radio frequency: 433.05~434.79MHz
Working temperature: -5°C~50°C	Transmitting power: 10 mW	Radio range: 100 meters outdoor, 25 meters indoor

Wiring



Troubleshooting

NO.	Common issues	Solution
1	Motor does not work	Check the power
2	The emitter cannot be controlled	Replace the emitter battery
3	Emitter reverse	Perform the "Switch Rotation Direction"
4	External switch reverse	Replace the wire sequence of the switch
5	The curtains do not close together	a. Check whether the direction of the emitter and switch is reversed. If it is reversed, please follow the "Switch Rotation Direction" b. Delete limit position and reset set limit position itinerary
6	Curtains always hit or go to the side	Delete limit position and reset set limit position and boundary
7	Hand pull curtains will get stuck	Set limit position and boundary
8	The motor against an obstacle does not stop	Check the fixing screws on the upper and lower covers of the track



Warning instruction of AC curtain motor

Important Warning:

Incorrect installation may cause serious injury. Please follow all instructions. Before installing the motor, remove all irrelevant power cords and disable all devices except those required for power supply. The installation height of the manually controlled actuation mechanism does not exceed 1.8 m.

The actuator of self reset switch shall be installed within the linear visible range of the driven part and away from the moving part. Its height can not be less than 1.5m.

Important safety instructions. Complying with this instruction is very important to personal safety, please keep this instruction properly:

1. Please follow all instructions to install the motor and accessories.
2. Please keep the product number and nameplate.
3. Persons (including children) who have physical, sensory or mental disabilities or who have no experience and related knowledge, should not use this product.
4. Children must not use the fixed control switch. The emitter should be placed out the reach of children.
5. Regularly check if the installation is balanced and if the wire spring screws are loose, worn or damaged. If damages are found, stop using this product.
6. Do not store the motor near strong acid, strong alkali or dirty and corrosive materials.
7. Do not use the motor in a humid environment.
8. Please install the actual load according to the rated load of the motor.
9. To protect the service life of the motor, do not start frequently or use when overloaded.
10. The fixed controller must be installed in a position visible to the naked eye.

12. Keep power cord out of direct sunlight and rain. Motors with a SVT 18AWG power cord can only be installed indoors.
13. The actuating member of the self-reset switch should be installed within the linear visual range of the driven part, away from the moving part. Its installation height is a minimum 1.5m - the fixed controller must be installed where it is visible.
14. The moving parts of the motor must be installed at 2.5m or more above the ground or platform.
15. The rated working time of the motor is four minutes. The motor cannot restart until the temperature drops to the ambient temperature.
16. When servicing the motor, disconnect the power supply!
17. If the power cord or motor is damaged, please contact a professional for a replacement.
18. Do not disassemble the motor by yourself.

A and B channel use the same operation. The 'flash' is a prompt from the motor LED indicator. During the button combination settings, all key operations need to be completed within 10 seconds - they cannot be completed after 10 seconds.

1 Pairing

Press 2S → Release button (Flash once) → Press 1S (Flash once) → Press 1S (Flash 5 times) → The emitter paired successfully

2 Switch Rotate Direction

1. Press 'UP' to close the motor, try below to switch direction.
2. After the switch is successful, the motor limit will be deleted.

Press for 5S (Flashes twice) → Release button → Press for 2S (Flashes 5 times) → The direction has been switched successfully

P2 (Flashes once) → <> (Flashes once) → >< (Flashes 5 times) → The direction has been switched successfully

Press for 1S Press for 1S Press for 1S

3 Intelligent module distribution network

Press for 8S (Flashes 3 times) → Release button → Enter the pairing mode. The red LED indicator flashes quickly, indicating the motor is ready to be paired.

P2 (Flashes once) → <> (Flashes once) → || (Flashes 5 times) → Enter the pairing mode. The red LED indicator flashes quickly, indicating that the motor is ready to be paired.

Press for 1S Press for 1S Press for 1S

4 Setting limits automatically

Do not control the motor during the automatic limit setting, otherwise the setting will fail. After the limit is automatically set, the motor automatically runs to the position desired.

Press for 1S (<>) → The curtain will open until stop against obstacle → Press for 1S (><) → The curtain will close until stop against obstacle → The limit has been set successfully

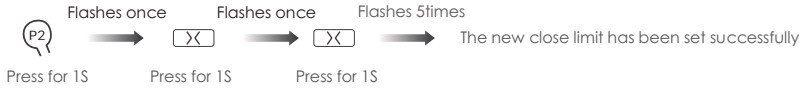
5 Manually Set The Open Limits

1. When the open limit has been set and the curtain is moves to the set position, the following operations can be performed.
2. Repeat this operation to cancel the manually set open limit.

Press for 1S (Flashes once) → Press for 1S (Flashes once) → Press for 1S (Flashes 5 times) → The new open limit has been set successfully

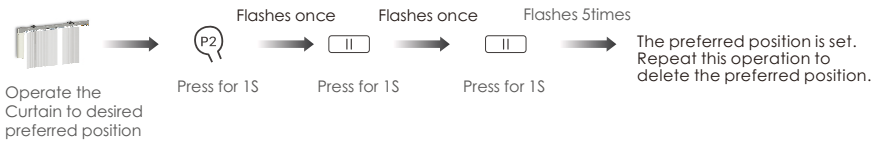
6
Manually Set
The Close Limits

1. In the status that the limit has been set, after the curtain is moved to the position where the curtain needs to be set, the following operations can be performed.
2. Repeat this operation to cancel the manually set close limit.



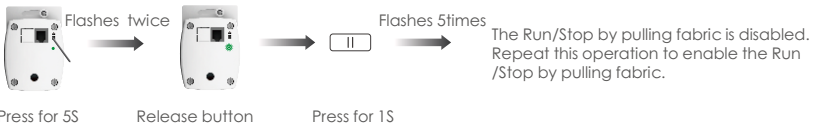
7
Add / Delete A
Preferred Position

Press 'STOP' for 2s, the motor automatically moves to its preferred position.



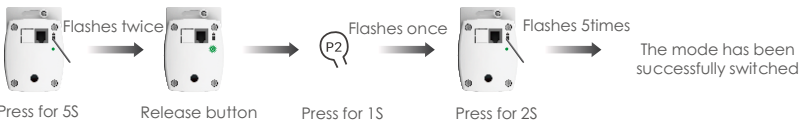
8
Run/Stop By
Pulling Fabric

The factory default Run/Stop by pulling fabric is enabled.

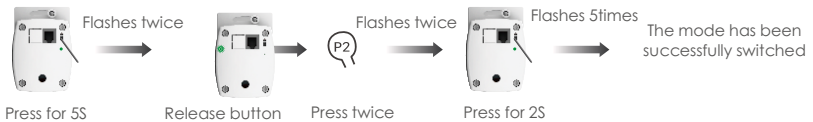


9
Weak-current
Switch Modes

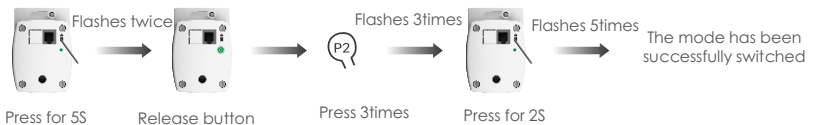
1. Dual button pushbutton switch mode (Factory default)



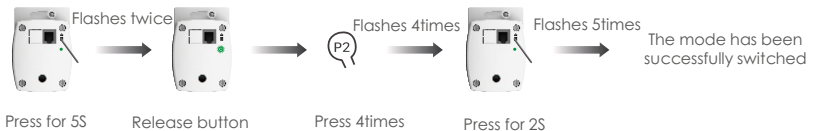
2. Dual button interlock switch mode



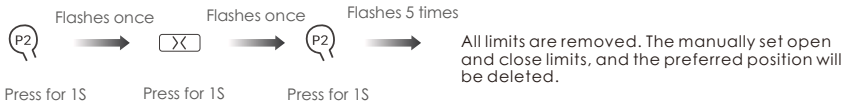
3. DC246 switch mode



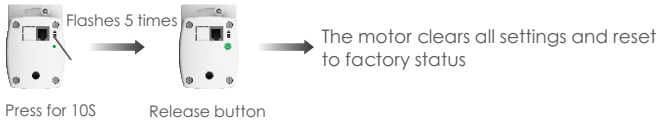
4. Single button pushbutton switch mode



10 Remove All limits



11 Reset to Factory Mode



12 The LED indicator illustration

1. The green LED light indicates the motor state, and the red LED indicator light indicates the Wi-Fi connection state.
2. The green LED indicator has a higher priority than the red LED indicator - it shields the red LED indicator when on when the motor is set.
3. The red LED indicator indicates that time will run out in two minutes. After two minutes, the red LED indicator will automatically turn off if there is no state change.

NO.	Indicator lamp status	Illustration
1	Red LED indicator flash flash (bright second, extinguish second)	Ready to connect to Wi-Fi
2	Red LED indicator light goes out often	The WIFI module has been connected to the cloud

13 2 app control

- 1.Preparation for Use:
 - ① Search for the app or scan the QR code to download.
 - ② If you are downloading for the first time, click the registration button to create an account. If you have an account, click the login button.
- 2.Network Settings:
 - ① Connect the device to the power supply, ensuring he phone is linked to the network.
 - ② Hold the setting button for 8 seconds - the device is ready to be paired.
 - ③ Open the app, select the curtain motor on the 'Select Device Type' page, click the confirmation indicator in the flash button.
 - ④ Find the device in the 'My Home list'.

Off-grid and pairing: Hold the pairing button for a few seconds - the device will be off-grid and enter the pending pairing state when the equipment red indicator flashes quickly; if the pairing is successful, the red indicator will be off.

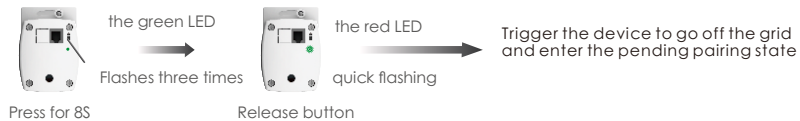
Download the tuya Smart APP



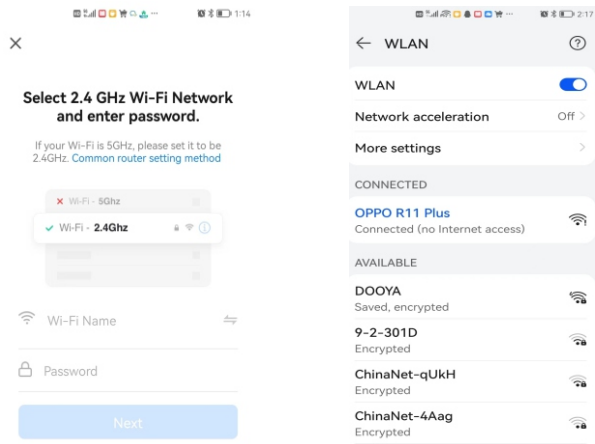
Please read this manual carefully before using
 Before the next steps, scan this QR code or search 'Smart Life' in the App Store or Google Play.

1 Adding device to the Smart Life app

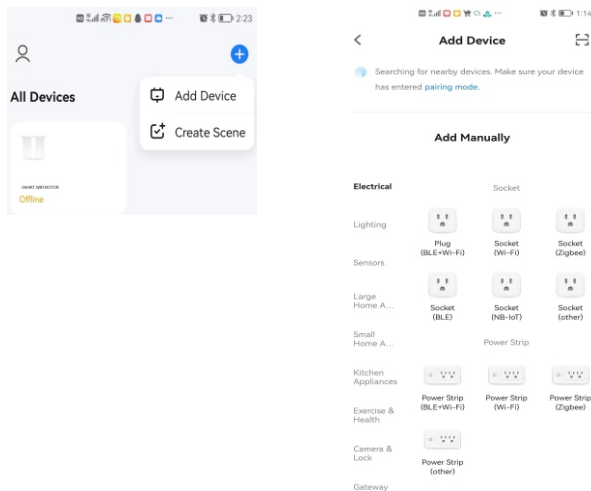
1. Ensure curtain motor is connected to the power supply. Hold the setting button of curtain motor for eight seconds - the device enters pairing mode.



2.Ensure your mobile device is connected to your home Wi-Fi(2.4GHz only).



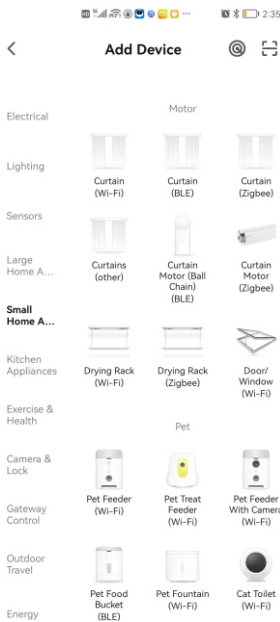
3. Go to the Smart Life app and enter your account details. Click '+' on the top right corner. A window will pop up, click 'Add Device'.



4. Click "Small home Appliances" on the left list. A windows will pop up.



5. Click "Curtain(Wi-Fi)" on the right list. (selcet to connect one by one,not support on multi-device selected)



6. Type the password of your home Wi-Fi, then click 'Next' on the pop-up window.



7. The red LED indicator shows that it will timeout in two minutes. After two minutes, the red LED indicator will automatically turn off if there is no state change. if the pairing is successful, the red LED indicator will turn off.

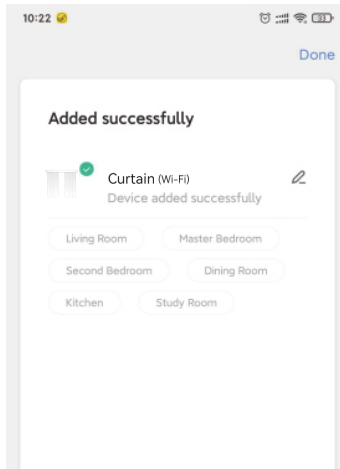


Pairing is successful.

8. Wait for the pairing to complete, then press 'Done' on the top right corner. It will go to the manage page. If there are multiple devices ready for connection, you will be directed to the device list.

Tips:

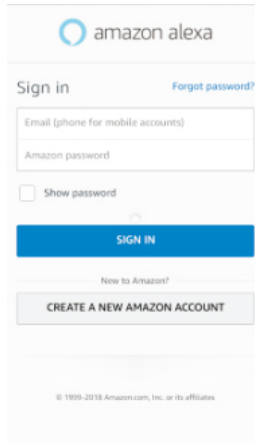
- a. For voice control, the name you gave the device will be used again when paired to Amazon Alexa or Google Home -keep this in mind.
- b. The device name should consist of English words and Arabic numerals - do not use special characters.



Works with Amazon Alexa.

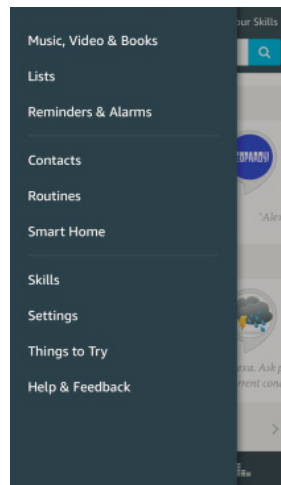
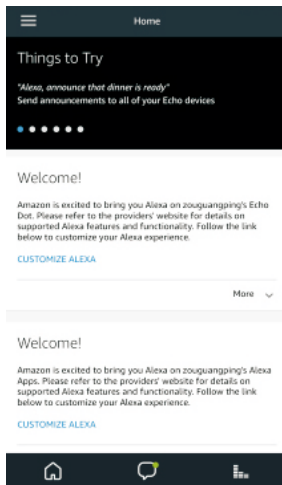
1. **Download the Amazon Alexa app.**
Search for 'Amazon Alexa' in the Apple Store or Google Play.
2. **Sign in or register a new account.**
3. **Pair the Amazon Alexa app with Amazon Echo device.**
(follow the Amazon Echo user manual).
4. **Login to the Amazon Alexa app, then click on the left bar 'Skills'.**

(Important tips: Ensure the Smart Life app, Amazon Alexa app and Amazon Echo are connected to the same Wi-Fi network.

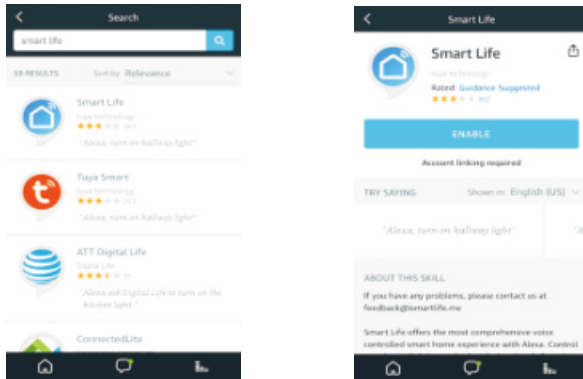


5. Enabling the Smart Life skill in the Alexa app.

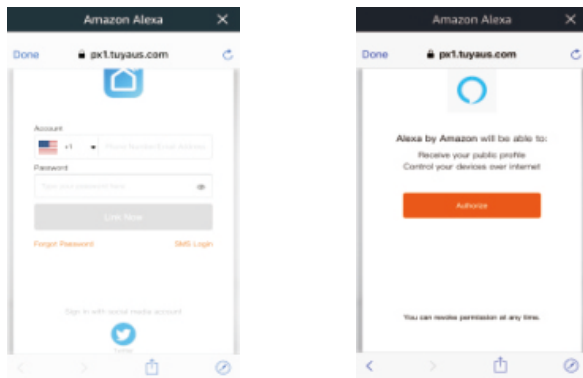
- a. Click 'Smart Home' in the home page.



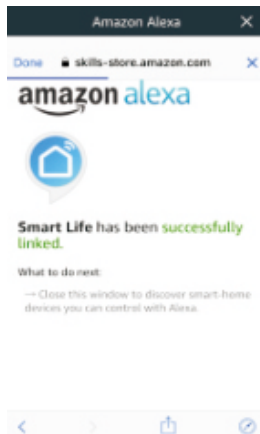
b. In the popup page, type 'Smart Life' in the search bar. Click 'Smart Life' in the search results and click 'ENABLE'.



c. Log in with your 'Smart Life' details. Click 'link now' and click 'Authorise' in the next page.
 Tips: Ensure you log in with your 'Smart Life' details - not your 'Amazon Alexa' details.



d. Click 'Done' in the next page - the Alexa app will automatically discover the devices. If it does not discover, click 'Add Devices' in the pop-up page, so the Alexa app will continue to discover devices. Once finished, you will find your named device in the pop-up page (we've named it 'curtain' as an example). Click the device to control it on the Alexa app.



6. Enjoying Amazon Alexa

Ask your Amazon Alexa to Open and close the curtains in proportion.

For example, using these Alexa commands below:

- "Alexa, open 'named device' "
- "Alexa, close 'named device' "
- "Alexa, pause 'named device' "
- "Alexa, set the 'named device' to thirty percent"
- "Alexa, increase 'named device' by ten percent"
- "Alexa, decrease 'named device' by twenty percent"

Tips: 'named device' will be replaced with name you chose in the 'Smart Life' app.

3
Adding device to
the Google Home app

Works with Google Assistant.

1. Download the 'Google Home' app.

Search for 'Google Home' in the Apple Store or Google Play.

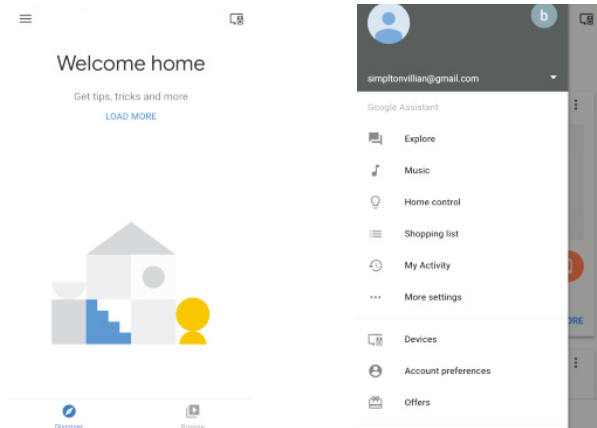
2. Register and set up Google Home

a. Go to the Google Home app-sign in with your Google details (if not registered, sign up first).

b. Select and connected to the Wi-Fi. Go to the Google Home app, then follow the on-screen steps to finish setting up. Google Home app will be connected to the Google Home device.

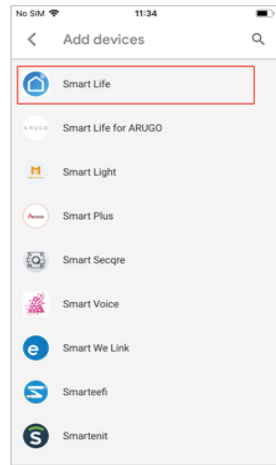
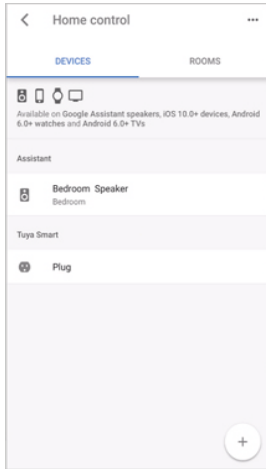
3. Linking your Smart Life account in Home Control.

a. Click 'Home control' on the Google Home home page. Then click 'Home Control'

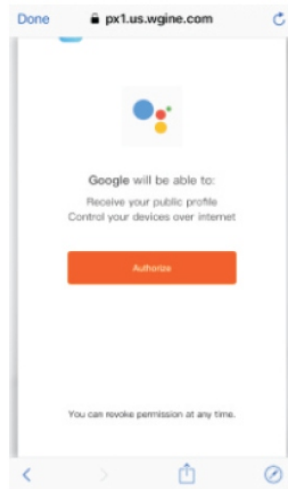
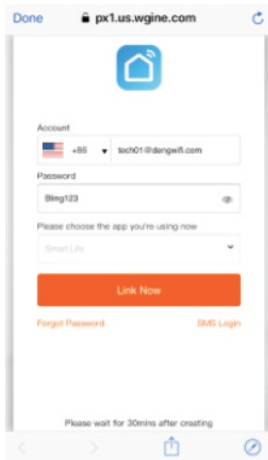


b. Click '+'

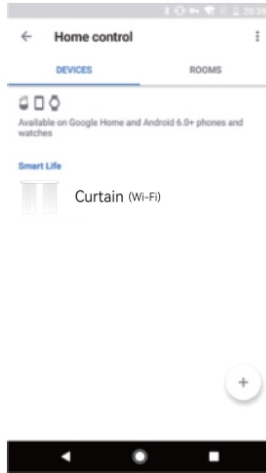
c. Find 'Smart Life' on the list.



d. In the new window, select your region and input your Smart Life details, then click 'Link Now' after you assign rooms for devices, which will be listed in the home control page.



4. Enjoy Google Home control



You can control your smart devices through Google Home; Take the command 'bedroom curtain' as an example, the voice control are:

- "Ok Google, open 'named device' "
- "Ok Google, close 'named device' "
- "Ok Google, pause 'named device' "
- "Ok Google, turn on 'named device' "
- "Ok Google, turn off 'named device' "

Tips: 'named device' will be replaced with name you chose in the 'Smart Life' app.

