



VTAC VT-2427 Smart LED Controller Instruction Manual

[Home](#) » [VTAC](#) » VTAC VT-2427 Smart LED Controller Instruction Manual 

Contents

- [1 VTAC VT-2427 Smart LED Controller](#)
- [2 Product Usage Instructions](#)
- [3 Frequently Asked Questions](#)
- [4 TECHNICAL DATA](#)
- [5 INTRODUCTION & WARRANTY](#)
- [6 REMOTE FUNCTION](#)
- [7 WIFI MODULE SAFETY INSTRUCTIONS](#)
- [8 APP INSTALLATION INSTRUCTIONS](#)
- [9 GOOGLE ASSISTANT SETTINGS](#)
- [10 Google Commands](#)
- [11 ALEXA COMMANDS](#)
- [12 Documents / Resources](#)
 - [12.1 References](#)

V-TAC

VTAC VT-2427 Smart LED Controller



Product Usage Instructions

Setup

1. Connect the SMART LED CONTROLLER to a power source using the provided cable.
2. Ensure the LED strips or lights are correctly connected to the controller's output channels.

Control

1. Use the provided remote control or smartphone app to adjust the LED lighting settings.
2. Experiment with different color options and brightness levels to customize your lighting experience.

Maintenance

- 3.1 Keep the controller and connected LED devices free from dust and debris.
- 3.2 Avoid exposing the controller to moisture or extreme temperatures.

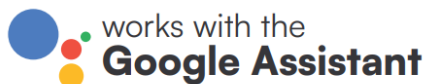
Frequently Asked Questions

- **Q: What should I do if the LED lights connected to the controller are not working?**
 - A: Check the connections between the controller and the LED lights. Ensure that the power source is functioning correctly.
- **Q: Can I use this controller with any type of LED lights?**
 - A: The controller is compatible with most standard LED strips and lights. Refer to the product specifications for more details.

TECHNICAL DATA

- MODEL VT-2427
- SKU 2902
- OUTPUT 2 Channels

- OUTPUT CURRENT <6A
- OUTPUT POWER 72-144W
- INPUT VOLTAGE DC: 12V/24V
- DIMENSION 59.2x24x10mm
- REMOTE SIZE 86x40x7mm
- CONNECTION MODE Common Anode
- NETWORK CONNECTION Powered on& off for 3 times and the light flashes quickly



INTRODUCTION & WARRANTY

Thank you for selecting and buying V-TAC LED CONTROLLER V-TAC will serve you the best. Please read these instructions carefully before starting the installation and keep this manual handy for future reference. If you have any other query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best. The warranty is valid for 2 years from the \date of purchase. The warranty does not apply to damage caused by incorrect installation or abnormal wear and tear. The company gives no warranty against damage to any surface due to incorrect removal and installation of the product. The products are suitable for 10-12 Hours Daily operation. Usage of product for 24 Hours a day would void the warranty. This product is warranted for manufacturing defects only.

NOTE

- This device requires Wi-Fi Frequency 2.4Ghz
- Operating frequency (maximum transmitted power) 2.412-2.484Ghz

WARNING

1. Please make sure to turn off the power before starting the installation.
2. Installation must be performed by a certified person



This is the safety alert symbol. This symbol alerts you to potential hazards that could result in property damage and/or serious bodily harm or death.



Caution, risk of electric shock.



This marking indicates that this product should not be disposed of with other household wastes.

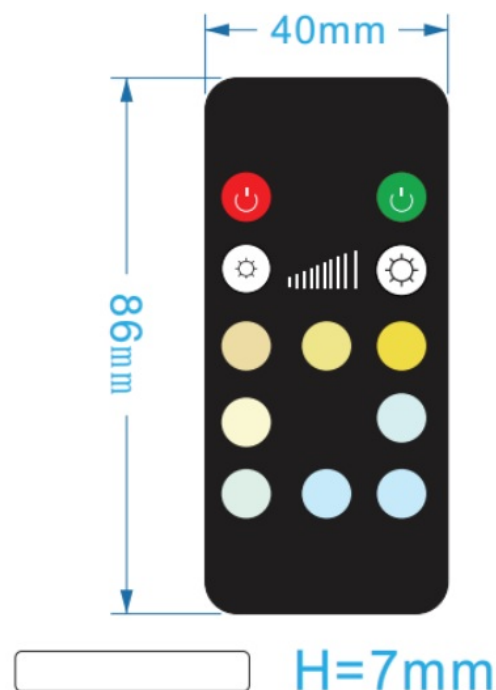
MULTI-LANGUAGE MANUAL QR CODE




Please scan the QR code to access the manual in multiple languages.

REMOTE FUNCTION

OFF		ON
Brightness -		Brightness +
Warm white 30%	Warm white 60%	Warm white 100%
cool& warm mixed color		cool& warm mixed color
cool white 30%	cool white 60%	cool white 100%



NOTE

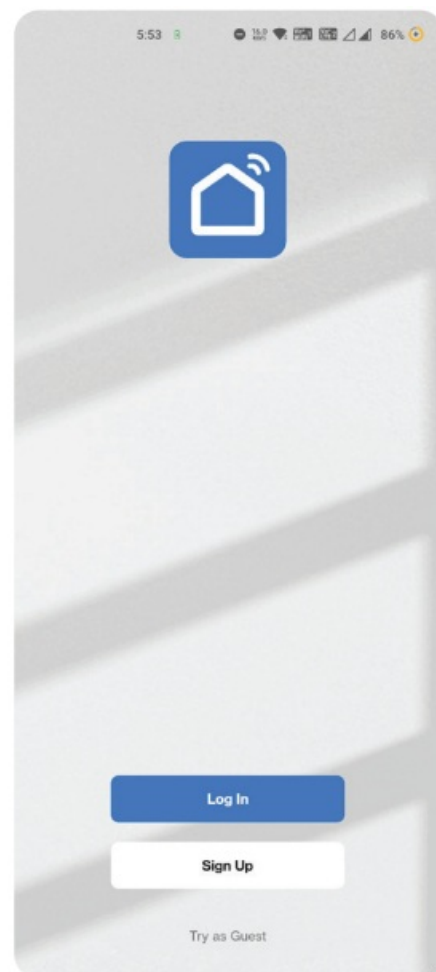
When the key color is inconsistent with the strip light, the output sequence can be adjusted by remote control: the controller is powered on, press the OFF of remote, and then press  continuously for 5 times. The strip light flashes once, indicating that the adjustment is successful. Start-up to determine whether the output corresponds to the remote control key. If not, the above steps should be repeated

WIFI MODULE SAFETY INSTRUCTIONS

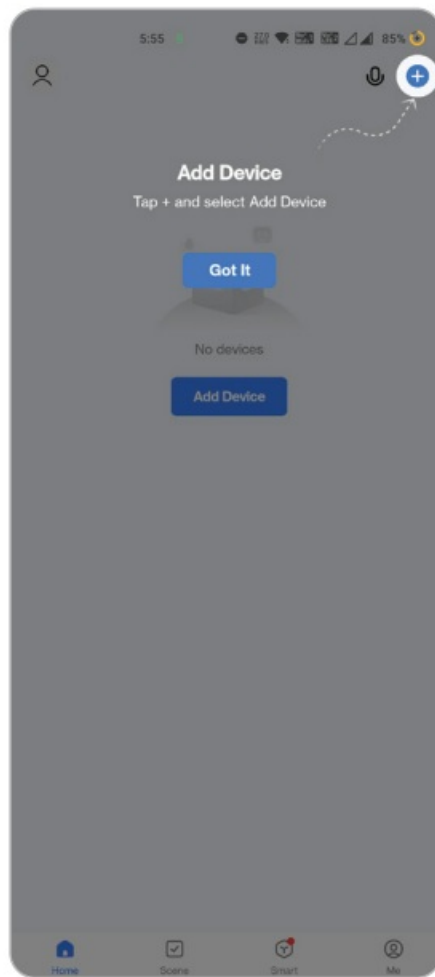
- Make sure that the Input voltage of this product is as prescribed by the manufacturer. Other incoming voltages can cause the product to break down and potentially harm the environment and your health.
- The wires must be connected correctly and in accordance with the colors of the wire and the instructions given in the circuit diagram described in this instruction.
- Make sure before switching on that the power elements have a power lower than that specified by the manufacturer.
- Make sure before plugging in that the led light voltage is suitable for configuration with this product.
- This product is suitable for products manufactured by the company V-TAC, when connected with products of other companies, V-TAC is not responsible for any adverse consequences for your health.

APP INSTALLATION INSTRUCTIONS

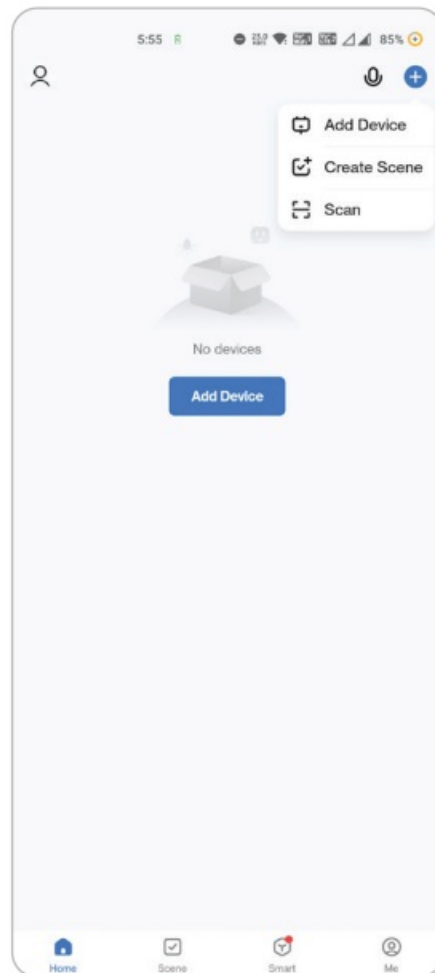
- Step 1: Turn the power button ON of the device. Then follow the below instructions for the device.
- Step 2: Scan the given QR code, or download “Smart Life’ from the App Store (iOS) or the Google Play Store (Android).
- Step 3: Open the Smart Life app and tap on register to create a new account. If you already have an existing account, please proceed to logging in.(Ref Fig 1)



- Enable Bluetooth and Home Wifi for the device to access your wifi connection for pairing



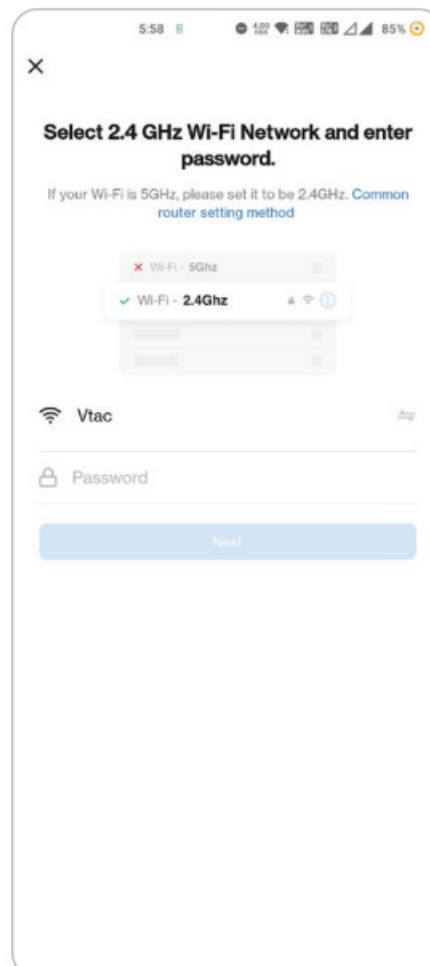
- Click “Add a device” or “+” in the top right corner.



- Click on the Lighting choose “Strip Lights (Wi-Fi)”



- Select 2.4GHz Wi-Fi network and enter the password

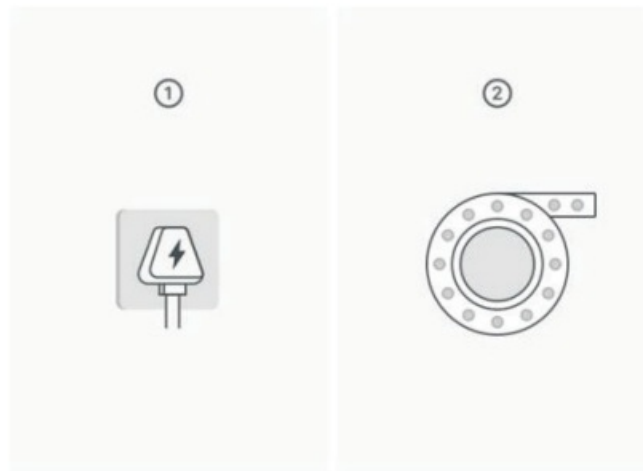


Step 8: To pair the device with LED Smart Strip Light make sure the light is blinks rapidly. Once the light blinks rapidly, the light is in pairing mode. If the light is not blinking rapidly, you can do one of the following steps:

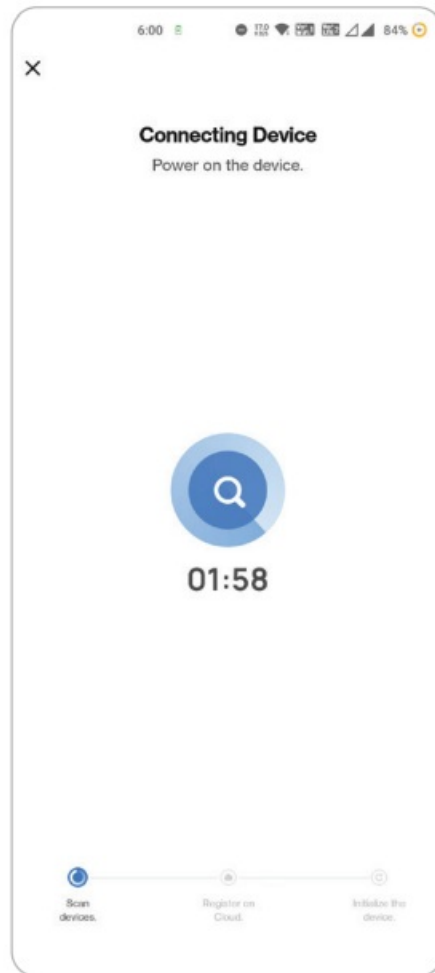
- A. Switch the light on & off repeatedly for 3 times, with short intervals of less than 2 seconds.
- B. Tap the 'How to make light blink rapidly' link (as shown on the image to the right)
- C. You can also enable pairing mode from the Wi-Fi controller. Press and hold the ON/OFF button for 5-7 seconds and wait till you observe the light flashing. Please refer to the instruction section "WI-FI CONTROLLER FUNCTIONS"

Network Modes:

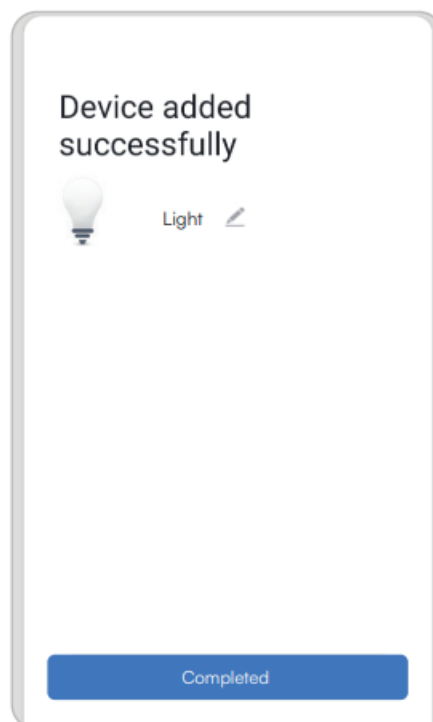
1. Smart Mode: Light flashes rapidly.
2. AP mode: Slow flash, once every 2 seconds. Confirm if the light blinks rapidly, select the Wi-Fi network, and enter the password.



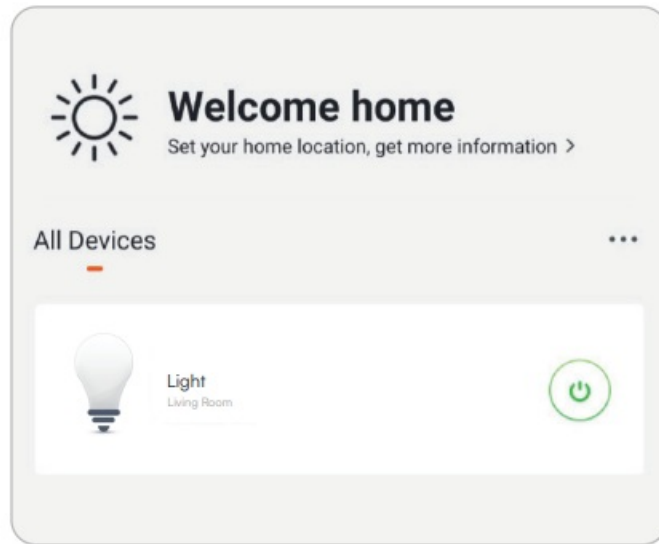
- Step 9: Once you have successfully completed step 10, you will be redirected to below page, where the App searches, registers and initializes the device(lamp) (ref image below).



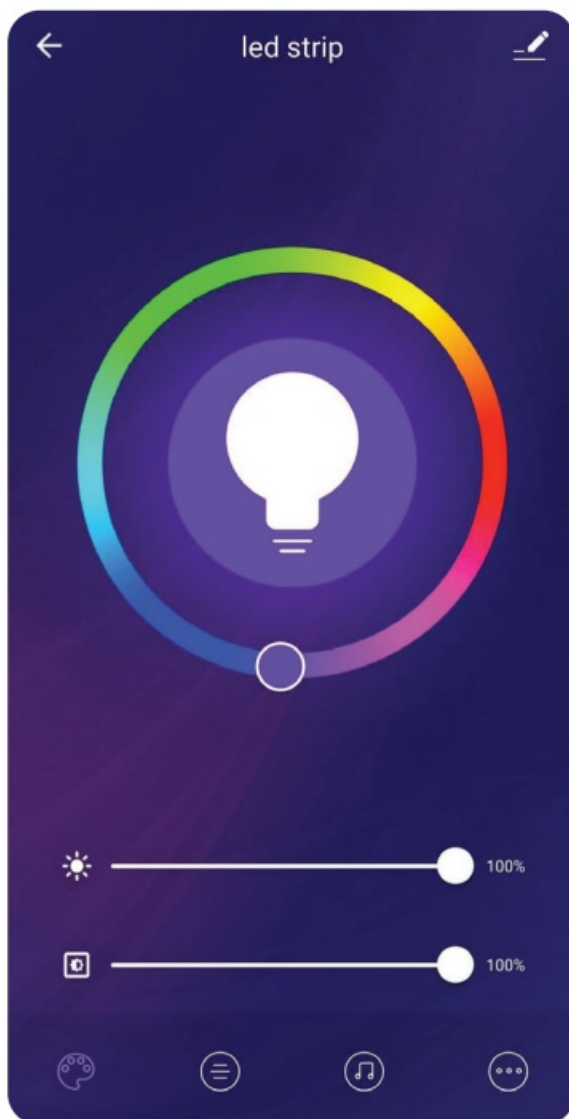
- Step 9: Once your device is successfully added, rename the device to your preference.



- Step 10: You can now start controlling your device with the App. Tap the device name on the home page to enter the controls and features of the device.



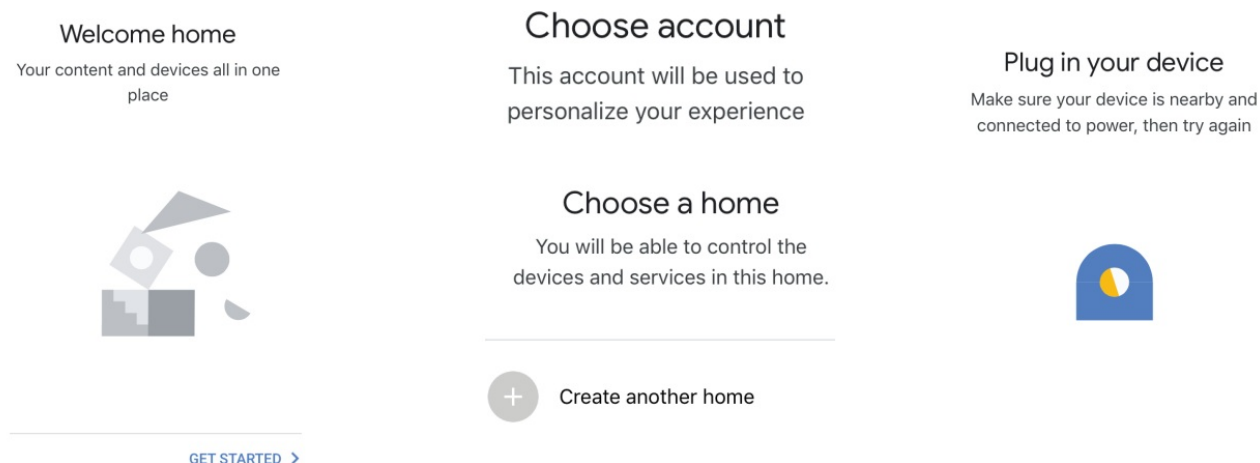
- Step 11: After successfully pairing the Wi-Fi receiver with the app, you can start controlling multiple features of the lamp through your mobile– on/off switch, timing & schedules, and more.



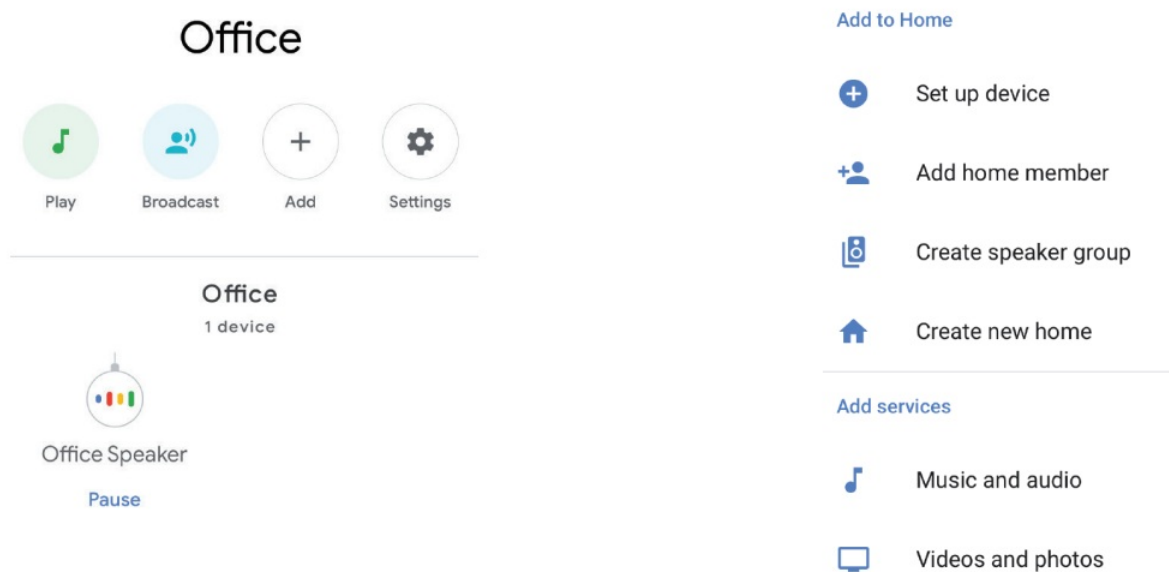
GOOGLE ASSISTANT SETTINGS

- Install the Google Assistant app via the App Store (iOS) or the Play Store (Android) and register. If you already have an existing account with Google Assistant, please proceed to logging in.

- Create a New Home/Choose from the existing home if any.
- Power ON the Google Assistant device and connect it to the App.(Then Proceed to step 2)



- Once you are on the Google home page, tap on the Add “+” icon– to add a new device and skill. And then tap on Set up device as shown in below image.



- Step 3: Make sure the Wifi Switch is paired with Smart Life app before starting, Tap on the arrow section as highlighted in the below image.
- Step 4: Type “Smart Life” on the search bar and tap on the icon of “Smart Life”

Set up

Set up new devices or add existing devices and services to your home

New devices



Set up new devices

Google Home, smart displays and devices labelled 'Made for Google' such as C by GE smart bulbs


Works with Google




Have something already set up?

Link your smart home services such as Philips Hue and TP-Link

- Step 5: Sign In with your Smart Life Login credentials to Link the Smart Life device.
- Step 6: Tap on Authorize in order to proceed to linking the device.

 +1 ▼

Phone Number/Email Address

Type your password here 

Link Now

[Forgot Password](#)

[Help](#)



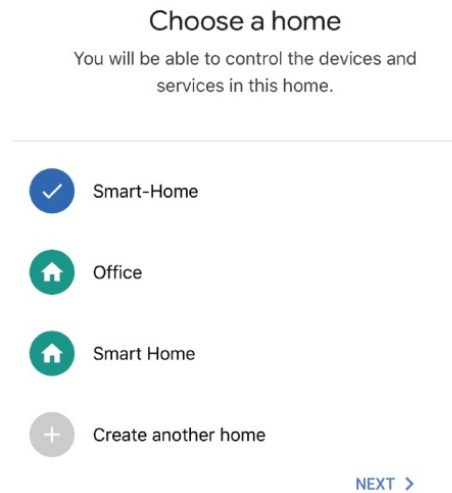
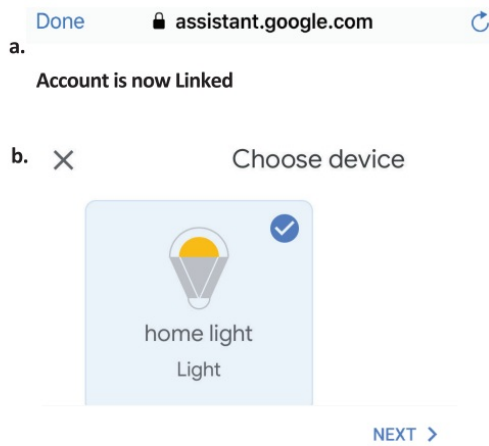
Google will be able to:

Receive your public profile
Control your devices over internet

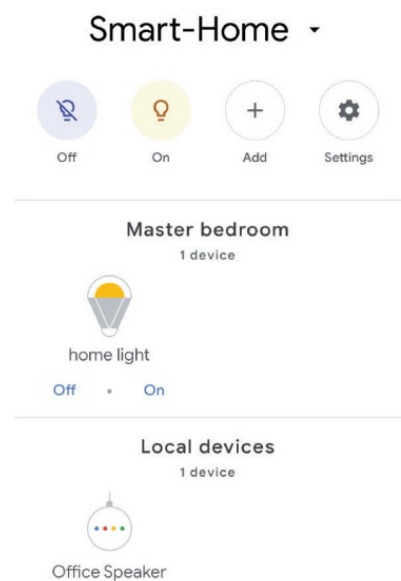
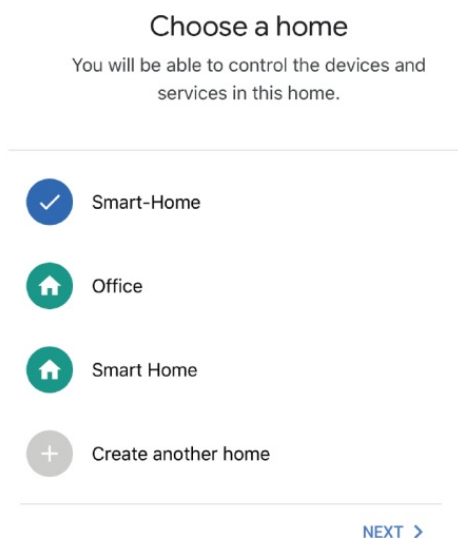
Authorize

Step 7

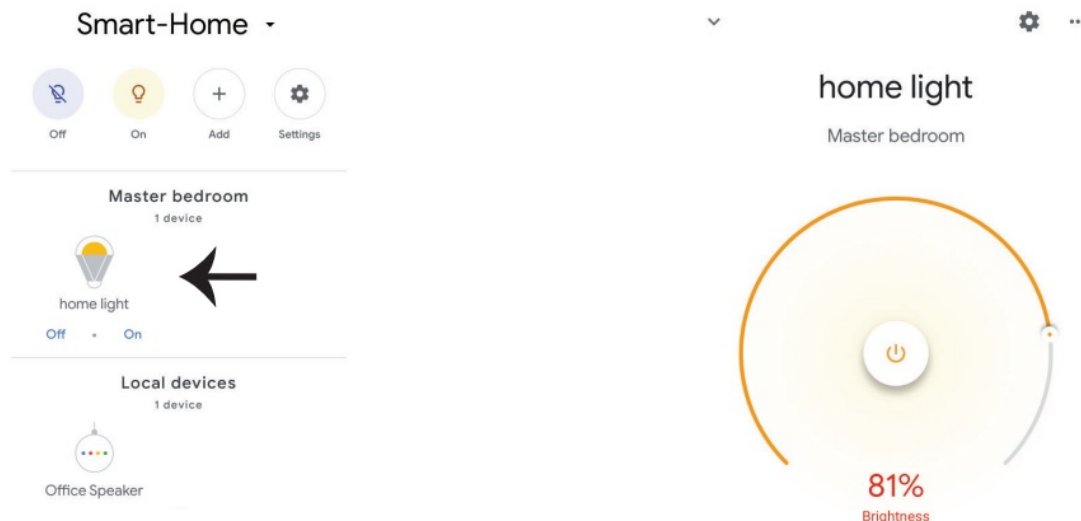
- a. Account will now be linked, please stay on the page you will be redirected in few seconds to select the device to add to your home.
- b. Select the device and tap on Next as show in image b.



- Step 8: Select the Home where you would like to add the Smart Life under. (Or) you can create a New home in order to add the Smart Life to it.
- Step 9: You have successfully added Smart Life device to your Google Assistant App.



- Step 10
- a. You can turn the Lamp On/OFF by tapping on On/O• options as shown below. (OR) You can tap on the Smart Lamp.
- b. You will be redirected to page(as shown in image b) where you can control the lights “Power and Dimming functionality”.



Google Commands

Now, you can control your smart device using voice commands on Google Assistant. Below are a few commands you can use:

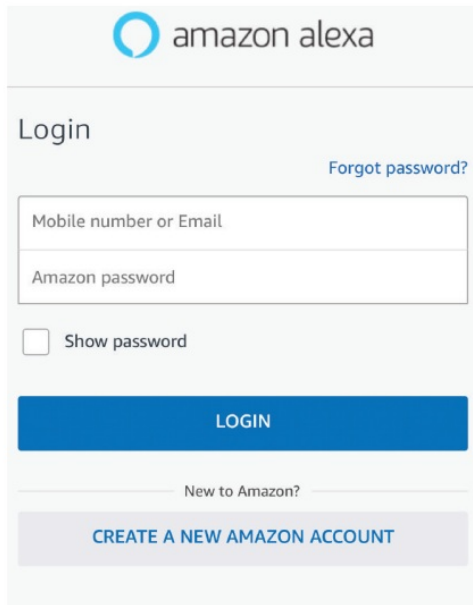
- Ok, Google, turn on/off the bedroom light,
- Ok, Google, turn on/off the Hall light.

THINGS TO REMEMBER BEFORE STARTING INSTALLATION

1. Smart Life App & Google Assistant App Ok, Google, set bedroom light to warm white.
2. Make sure you have Google Assistant Device
3. Smart Device – Lamp
4. Stable Wifi network

ALEXA SETTINGS

- Step 1: Install the Amazon Alexa app via the App Store (iOS) or the Play Store (Android) and register. If you already have an existing account with Amazon Alexa, please proceed to logging in. –
- Step 2: Once you are on the Amazon Alexa home page, tap on the lower right icon — where the arrow is pointed — to add a new device and skill.



amazon alexa

Login

[Forgot password?](#)

Mobile number or Email

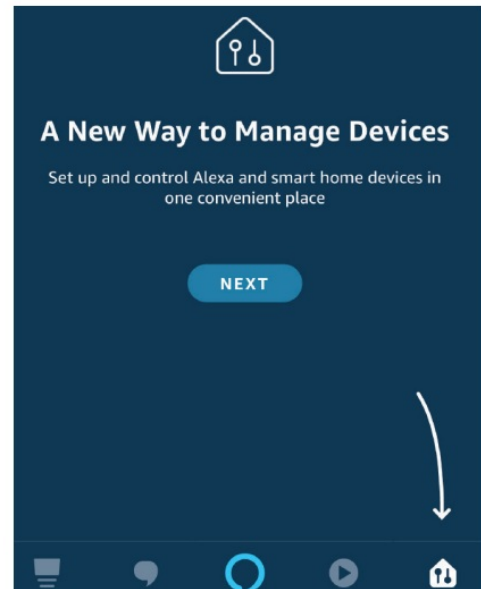
Amazon password


☐ Show password

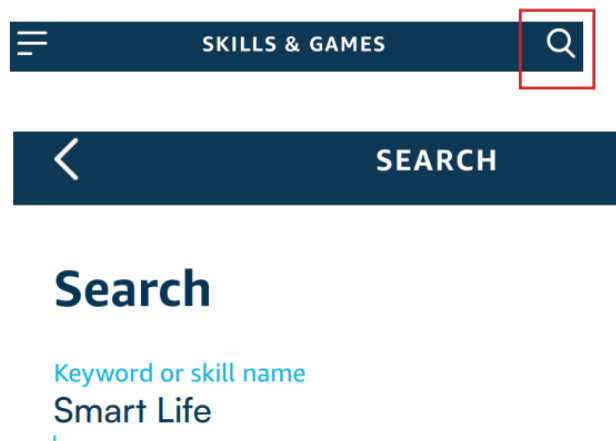
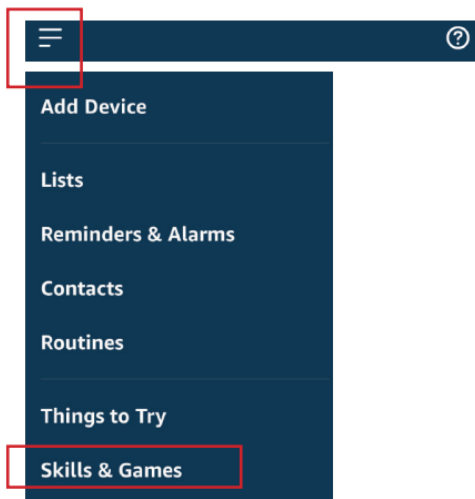
LOGIN

New to Amazon?

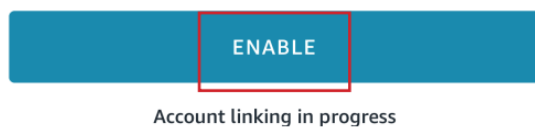
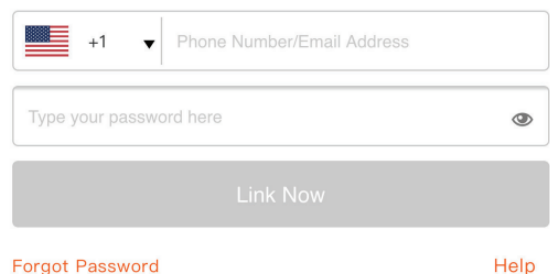
[CREATE A NEW AMAZON ACCOUNT](#)



- Step 3: Tap on  settings and tap on “skills and games” as shown below.
- Step 4: Search for ‘Smart Life’ on the “Skills & Games” page as shown below



- Step 5: Enable the Skill
- Step 6: Enter your Smart Life login ID and password and tap on “Link Now”

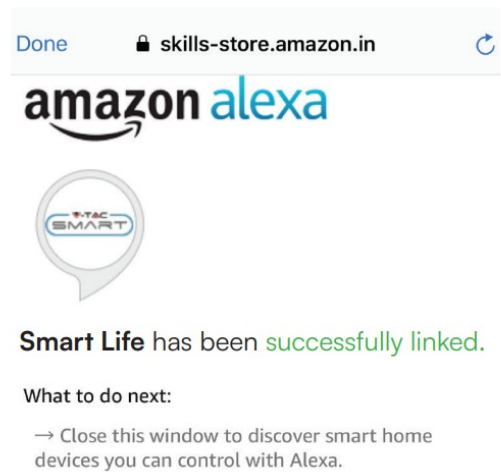
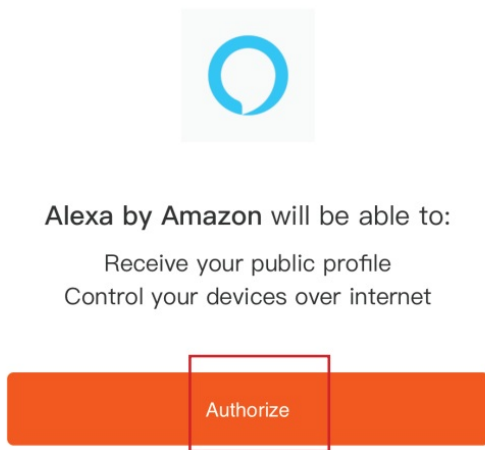
+1 Phone Number/Email Address

Type your password here

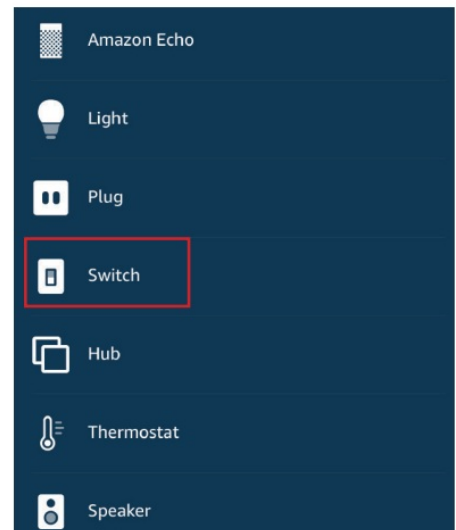
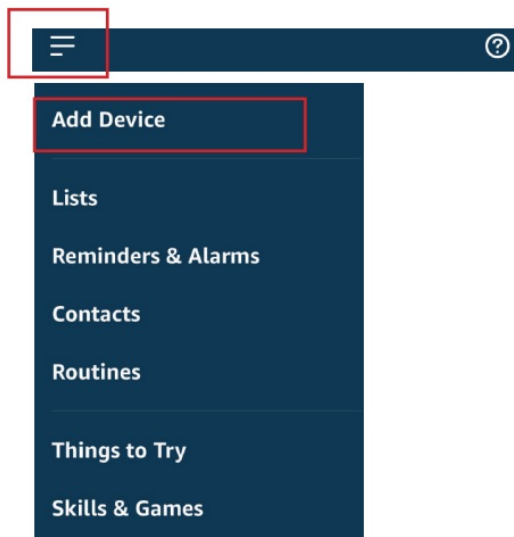
Link Now

[Forgot Password](#) [Help](#)

- Step 7: Once you tap on Link Now, you will be redirected to a new page requesting for authorization(Ref Image below). Tap on “Authorize”
- Step 8: You will receive confirmation of the account being linked successfully (Ref Image below)



- Step 9: Discover your smart device on Alexa. Once you have enabled the skill
 - A) You can use voice command "Alexa discover devices" to the Alexa device which you have.
 - B) To add device manually on home page tap on and tap on Add device , select the device which you are adding and tap on discover device



ALEXA COMMANDS

Now, you can control your smart device using voice commands on Alexa. Below are a few commands you can use:


- Hi Alexa, Turn On/Off bedroom light.
- Hi Alexa, Turn On/Off Hall Light.

THINGS TO REMEMBER BEFORE STARTING INSTALLATION

1. Smart Life App & Amazon Alexa App
2. Make sure you have Amazon Alexa Device(including Echo, Echo Tap, or Echo Dot)
3. Smart Device – Lamp
4. Stable Wifi network

IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: SUPPORT@V-TAC.EU FOR MORE PRODUCT RANGES, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS. V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: SUPPORT@V-TAC.EU FOR MORE PRODUCT RANGE, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS. V-TAC WEST EUROPE LTD. GROUND FLOOR, 71 LOWER BAGGOT STREET, DUBLIN 02, IRELAND DO2 P59 IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT PLEASE REACH OUT TO US AT SUPPORT@VTACEXPORTS.COM V-TAC HOUSE, KELPATRICK ROAD, SLOUGH, BERKSHIRE, SL1 6BW, UK.

Documents / Resources



[VTAC VT-2427 Smart LED Controller](#) [pdf] Instruction Manual

VT-2427, VT-2427 Smart LED Controller, VT-2427, Smart LED Controller, LED Controller, Controller

References

- [TAC.EU](#)
- [User Manual](#)

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.