

## FCC statement

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 that is received, including any interference that may cause undesired operation.

RF exposure warning :

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

This device is acting as slave and operating in the 2.4 GHz (2412 ~2462 MHz) band.

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

# SMART WI-FI LED STRIP START GUIDE

geeni™

Thank you for purchasing your GEENI smart home product. Get started using your new devices by downloading Geeni, one convenient app that manages everything straight from your phone or tablet. Easily connect to your home Wi-Fi and control multiple devices from the touch of your fingertips.

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Connect (AP Mode)	10-11
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### 1. Power conversion unit.

9v power input via Mic-USB (using adapter 9v / 2A), 9v power step-down to 3.3v by U3(HT33) to supply for U1(32FD).U1 outputs two PWM square waves to form a full-bridge inverter circuit via U4. U5(FD2015), and MOSQ6,Q7,Q9,Q10, then inverter DC to AC. A Two-way Switchable Circuit composed of Q50,Q8 via MOS Transistor The inverter power transmit by COIL1 through series resonance circuit composed of CC1,CC2 and COIL1 or by COIL2 through series resonance circuit composed of CC1,CC2 and COIL2.

### 2.Communication control unit.

Mainly composed by operation amplifier circuit U2(LM324) and U1. The communication between receiver and transmitter mainly transmit signal through the primary coil and secondary coil modulation. The primary coil L3obtained amplitude modulation signal from secondary coil demodulated by D1,D2,R16 to feedback to U1 through operation amplifier circuit. U11 based on the feedback to implementation relevant power control algorithms and protocols to drive the full-bridge inverter circuit for adjusting the transmitter's output power.

### 3. LED mainly uses in the condition of standby, charging,error alarm...

4. When wireless charging transmitter is standby, the transmitter coil generates periodic magnetic field pulses which is used to measure whether or not a wireless charging device is placed in the charging area.When the pulse detects that a charging device (e.g., a mobile phone, a digital camera, etc.) has a wireless receiver that compatible with the wireless charging transmitter is correctly placed in the sensing area, transmitter start charging and transmit to charging devices. During charging,wireless charging transmitter receives real-time charging information from receiver, and adjust the device's charging condition according the information...

Can't connect? Need help?



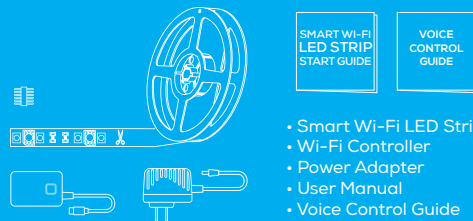
DO NOT RETURN THIS  
PRODUCT TO THE STORE

Geeni support:  
support@mygeeni.com  
**(888) 232-3143 Toll-free (English Only)**  
or tap 'Support' for help in the Geeni app.

CAUTION: RISK OF ELECTRIC SHOCK OR BURNS - USE IN A DRY LOCATION ONLY. The weather resistant IP44 rating only protects the LED strip from splashes in any direction. DO NOT IMMERSE IN WATER.

WARNING: The LED strip must be unplugged when making any modifications to the device. Electrical currents are dangerous and may cause electrical shock, injury, or death (in some cases)

### What's in the Box



SMART WI-FI  
LED STRIP  
START GUIDE

VOICE  
CONTROL  
GUIDE

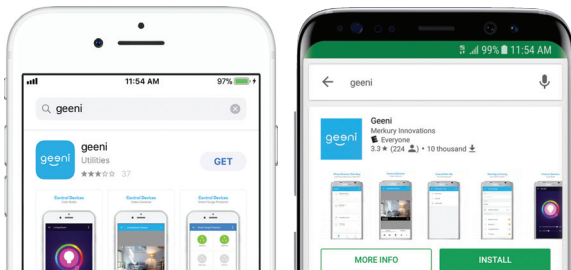
- Smart Wi-Fi LED Strip
- Wi-Fi Controller
- Power Adapter
- User Manual
- Voice Control Guide

### Get Ready

- Know your Wi-Fi network and password
- Make sure your mobile device is running iOS® 8 or higher or Android™ 4.1 or higher
- Make sure you're connecting to a 2.4GHz Wi-Fi network  
(Geeni can't connect to 5GHz networks)

# 1

Download the Geeni app from App Store or Google Play.



### FCC Notice:

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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.

### Important Information:

Before installing, read and follow all precautions, including the following:

**CAUTION: RISK OF ELECTRIC SHOCK OR BURNS - USE IN A DRY LOCATION ONLY.**

The weather resistant IP44 rating only protects the LED strip from splashes in any direction.

**DO NOT IMMERSE IN WATER.**

**WARNING:** The LED strip must be unplugged when making any modifications to the device. Electrical currents are dangerous and may cause electrical shock, injury, or death (in some cases).

### Support:

If you encounter any issues, please contact us at [support@mygeeni.com](mailto:support@mygeeni.com) for help.

To explore our full selection of products, visit us at: [www.mygeeni.com](http://www.mygeeni.com)

**(888) 232-3143 Toll-free (English Only)**

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Made in China

## Troubleshooting

### Cannot connect to your Wi-Fi network.

Make sure you entered the correct Wi-Fi password during the Wi-Fi setup. Check whether there are any Internet connection problems. If the Wi-Fi signal is too weak, reset your Wi-Fi router and try again.

## Reset the device

Reset once (press & hold reset button) to reach Easy Mode, which is the primary way the app will try to connect. (When in Easy Mode, you'll see the LED flashing quickly, 2x per second)  
Reset again (press & hold reset button) to reach AP, which is the Backup Mode to help connect. (When in AP Mode, you'll see the LED blinking slowly, every 3 seconds)

## System Requirements

- Mobile device running iOS® 8 or higher or Android™ 4.1x or higher
- Existing Wi-Fi Network

## Technical Specifications

- Size: 0.5in x 118in
- Brightness (white): 1500 lm
- Input: 100-240V, 50/60Hz
- Life Span: 25000 Hours
- Weatherproof: IP44 (strip), IP20 (controller)
- Wi-Fi: IEEE 802.11N, 2.4GHz (not compatible with 5GHz Wi-Fi networks)

# 2

Register an account on your Geeni app.

Register

USA +1 >

Mobile number/E-mail

Next

**STEP 1.**  
Enter your mobile phone number  
or email address.

Register

Verification code is sent to your phone:  
+1 123 1234567

Verification code Resend(52)

Please input password

Confirm

**STEP 2.**  
Enter the verification code  
and create a password.

# 2

Register an account on your Geeni app.

< Back Login

Country / Region USA +1 >

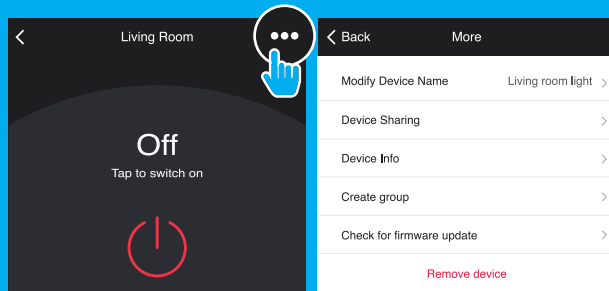
Mobile number/E-mail

Password

Login

Sign in with SMS verification Forgot password

**STEP 3.**  
Login to the App.



### 5. The device appears offline or unreachable, what should I do?

Make sure your Wi-Fi router is online and in range.  
Make sure you have the latest Geeni functionality by clicking "Check for firmware update" in your device settings.

### 6. What's the Wireless Range?

The range of your home Wi-Fi is heavily dependent on your home router and the conditions of the room. Check with your router specifications for exact range data.

### 7. If my Wi-Fi/Internet goes down, will Geeni still work?

Geeni products need to be connected to Wi-Fi in order to use them remotely.

## Frequently Asked Questions

### 1. Can I share with family and friends?

Yes, you can share your bulbs with family and friends who will have access to control your bulbs, plugs, cameras, and other Geeni devices. In the Geeni app, press the Profile button and click on the "Device Sharing" button, and you will be able to give or revoke sharing permissions. In order to share, the other user should already have downloaded the Geeni app and registered a new account.

### 2. Can I group multiple Geeni devices together?

Yes, you can group multiple devices of the same type together, by room, location, or however else you want. The same devices can be in multiple groups. (For example, create a group for "Bedroom" and another group for "Entire House", and your Bedroom lights can be included in both groups). From your main device list, click on one of the devices you want to group, press the "..." button on the top right for advanced settings, and click Create Group. You'll then be able to choose which devices you'd like to group together and will be able to rename them.

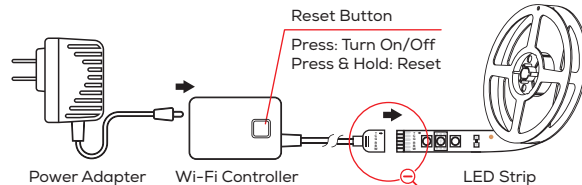
### 3. How Many Devices Can I Control?

Geeni's app can control an unlimited amount of devices in an unlimited amount of locations. Your router may have a limit of how many devices can be connected to one router.

### 4. My Geeni device has a funny name. How do I rename it?

From your main device list, click on one of the devices you want to rename, press the "..." button on the top right for advanced settings, and click Modify Device Name (or Modify Group Name, if applicable). You'll then be able to choose a more familiar name.

## 3 Prepare



### STEP 1.

Plug the device into the wall. Make sure the indicator light on the device is flashing rapidly, indicating the device is ready to connect.



**How do I reset the device and what does the blinking light mean?**  
Reset the LED strip by pressing & holding reset button.

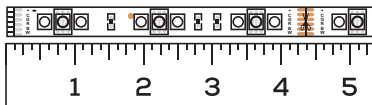
- Reset once (press & hold reset button) to reach Easy Mode, which is the primary way the app will try to connect. (When in Easy Mode, you'll see the LEDs flashing quickly, 2x per second)
- Reset again (press & hold reset button) to reach AP Mode, which is the Backup Mode to help connect. (When in AP Mode, you'll see the LEDs blinking slowly, every 3 seconds)

# 3

## Prepare

### STEP 2.

Measure the area you wish to attach the LED strip to. Ensure that the area has a clean, solid surface.



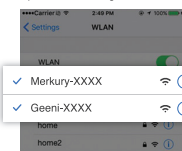
### STEP 3.

Measure the LED strip for the desired length, starting at the end closest to the connector for the Wi-Fi Controller.

**IMPORTANT:** If you measure & cut from the opposite end, you will not be able to connect the LED strip to the Wi-Fi Controller.

### Connect to device's hotspot

1. Open WLAN settings



2. Connect to the Wi-Fi as below

Connect Now

**STEP 4.**  
Follow the instructions to choose the device from your Wi-Fi list.

### Connecting Now



Make sure your phone and device are as close to your router as possible

- Searching for device
- Registering device to the cloud
- Initializing your device

**STEP 5.**  
The device will connect.

**NOTE:** Geeni can't connect to 5GHz networks.

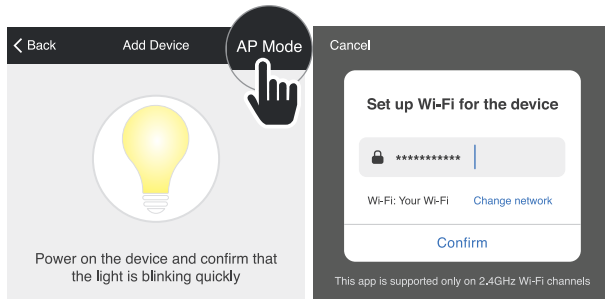


# 5

## Add device. Method 2: Backup AP Mode

### STEP 1.

Make sure the device is in AP Mode, blinking slowly (see reset instructions on p. 5)

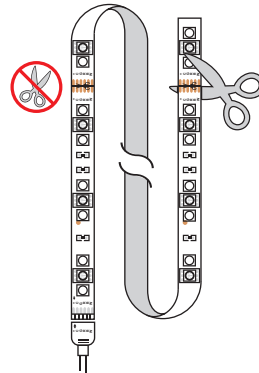


### STEP 2.

In the Geeni app, on the top corner of the Devices screen, click (+). Choose "AP Mode" in the top corner. Choose "Smart Lighting"

### STEP 3.

Click Next and enter your Wi-Fi details.



### STEP 4.

Located the closest cut mark to your desired length. Each strip has cut markings located every 10cm.

Take a sharp pair of scissors or blade, and cut along the cut mark.

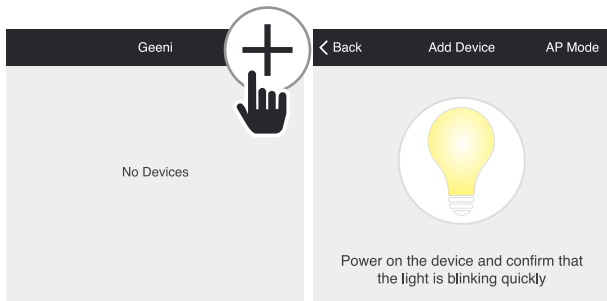
### STEP 5.

Remove the protective film from the adhesive backing to mount the LED strip to the desired area.



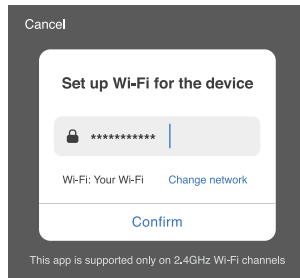
# 4

## Add device. Method 1: Easy Mode

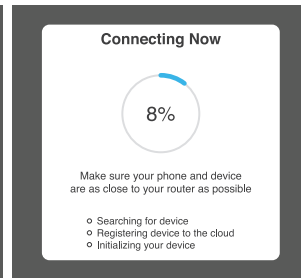


**STEP 1.**  
In the Geeni app, on the top corner of the Devices screen, click (+).  
Choose "Smart Lighting"

**STEP 2.**  
Make sure the indicator light is flashing quickly, indicating it's ready to connect. If not, turn the bulb off and on 3 times until it is flashing. Press "Next Step."



**STEP 3.**  
Enter your Wi-Fi network and password.



**STEP 4.**  
The Geeni app will try to connect your device.

**NOTE:** Geeni can't connect to 5GHz networks.  
\*If the connection fails, try to connect using AP Mode.