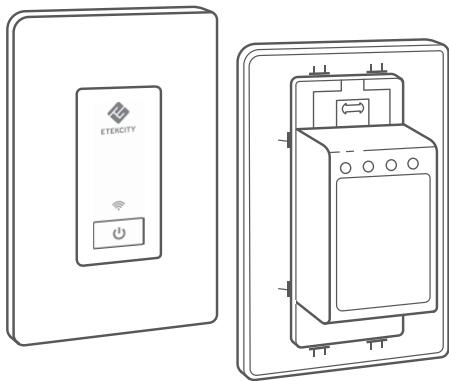




Smart WiFi Light Switch

Model No.: ESWL01



QUESTIONS OR CONCERNS? support@etekcity.com • (855) 686-3835

Thank you for purchasing the
Smart WiFi Light Switch by
Etekcity.

The smart light switch is a standard single-pole wall light switch that can be controlled with your iOS or Android devices. With the Etekcity VeSync app, you can follow intuitive wiring instructions to replace your standard in-wall switch, connect the smart switch to your home network, then control your lights and create custom lighting automations from anywhere, at anytime with an Internet connection.

If you have any questions or concerns, please reach out to our helpful Customer Support Team at **SUPPORT@ETEKCITY.COM**. We hope you enjoy your new smart light switch!

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Package Contents

- 1 x Smart WiFi Light Switch (Wall Plate Included)
- 4 x Terminal Caps
- 1 x Quick Start Guide

Specifications

DIMENSIONS (HXWXD)	4.13 x 1.75 x 1.75 in (10.5 x 4.40 x 4.40 cm)
COMMUNICATION MODE	IEEE802.11 b/g/n (WiFi)
COMMUNICATION FREQUENCY	2400-2483.5 MHz
WIRELESS DISTANCE (SWITCH TO ROUTER)	164 ft / 50 m (max visible range)
MAXIMUM SWITCH CURRENT	15A
POWER	120~60Hz
MAXIMUM LOADS	1800W
OPERATING TEMPERATURE	32°-104°F (0°-40°C)

Safety Information

To reduce the risk of injury and/or damage to this device, please read and follow all instructions and safety guidelines in this manual.

Installation

- **WARNING: RISK OF ELECTRIC SHOCK OR FIRE.**
 - Before installing and wiring, TURN OFF POWER by locking the appropriate circuit breaker in the OFF position or removing the appropriate fuse. Use a non-contact voltage tester to ensure all electrical power is off. Installing and wiring with active electrical power may result in serious injury or death.
 - **ONLY** install the smart switch if you are comfortable with electrical work. If not, contact a qualified electrician. Improper installation significantly increases risk of fire, electric shock, and other injuries.
 - The smart switch must be installed and used in accordance with the National Electric Code (NEC) or your local electrical code.
 - The smart switch is an indoor single-pole switch that requires a neutral connection.
 - **DO NOT** install the smart switch with wet hands or when standing on wet or damp surfaces.
- Note:** Etekcity cannot guarantee the quality of installation, and cannot cover associated costs.

Safety Information (cont.)

General Safety

- **ONLY** use your smart switch to control incandescent, LED, Halogen, and compact fluorescent light bulbs. Using your smart switch for other purposes may result in serious injury, property damage, or death.
- **ONLY** use indoors, in a dry location with ambient temperature controls (avoiding extreme heat and freezing temperatures).
- **DO NOT** modify the smart switch hardware or software. This may cause injury or property damage, and will void the warranty.
- The smart switch must be installed and used in accordance with the National Electric Code (NEC) or your local electrical code.
- The smart switch is an indoor single-pole switch that requires a neutral connection.

- **DO NOT** install the smart switch with wet hands or when standing on wet or damp surfaces.

Note: This smart switch 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.

**SAVE THESE
INSTRUCTIONS**

Product Requirements

- In-wall installation with hardwired connections
- Neutral wire required
- Single-pole light switch. The electrical box should be more than 2 inches deep.
- A smartphone or tablet running iOS 8.0 or higher, or running Android 4.3 or higher
- A 2.4GHz WiFi connection (supports 802.11b/g/n standard)

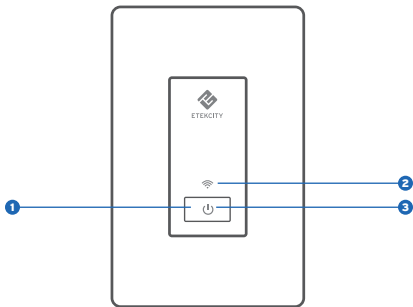
Note: The smart switch is not suitable for a single-wire switch box.

Note: DO NOT use 2 or more smart switches to control 1 light fixture. The smart switch is designed for single-pole (1 location) wiring only.

The smart switch is compatible with incandescent, LED, Halogen, and compact fluorescent light bulbs.

Function Diagram

1. Power Button
2. Wifi Indicator
3. Power Indicator



Power Indicator

- After installation, the switch is OFF and the power indicator is OFF.
- Press the power button, and the power indicator and light switch will turn on.
- Press the power button again, and the power indicator and light switch will turn off.

WiFi Indicator

- **Indicator blinks white 1 time per second:** The smart switch is in Smart Configuration Mode (see page 11).
- **Indicator blinks white 2 times per second:** The smart switch is in APN Configuration Mode (see page 16).
- **Indicator blinks white 4 times per second:** The smart switch has been reset (see page 41). The smart switch should turn off after blinking 10 times.
- **Indicator is solid white:** The smart switch is connected to a WiFi network.
- **Indicator is off:** The smart switch is offline or not connected to a WiFi network. You can also turn off the WiFi indicator in the VeSync app.

Installation

Remove the faceplate from the smart switch [Figure 1.1], then install the smart switch into a switch box in the wall [See Figure 1.2 and Figure 1.3].

Note: A neutral wire is required to install the smart switch.

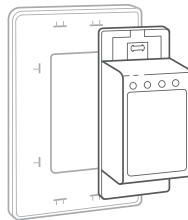


Figure 1.1

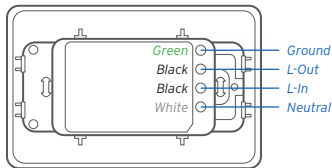


Figure 1.2

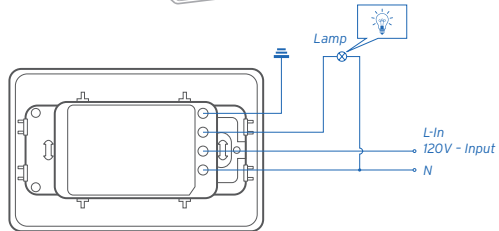


Figure 1.3

Setup

1. Connect your mobile device to a 2.4GHz WiFi network.
Note: The smart switch will only work on a 2.4GHz network.
2. Scan the QR code, or download the VeSync app from the App Store or Google Play Store.
3. Open the VeSync app. Tap Sign Up to create a new account.
4. After you've signed up, enter your email and password, then tap Log In.
Note: You must create your own VeSync account to use third-party services and products, such as the Amazon Echo and Google Home. The Guest account will not work for this. With a VeSync account, you can also allow your family or friends to control your smart switch.



iOS

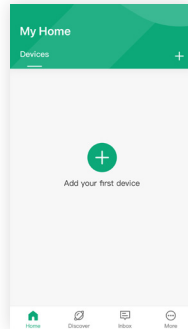


Android

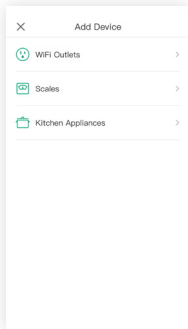
Configuration

Smart Configuration Mode

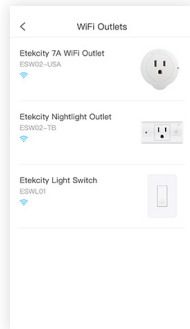
1. Tap the **+** button on the screen to add your device.



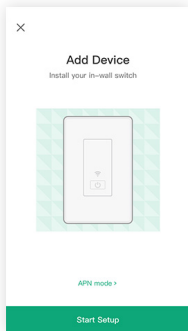
2. Tap **WiFi Outlets**.



3. Tap **WiFi Light Switch**.

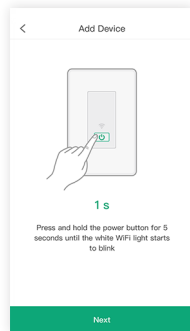


4. Tap **Start Setup**.

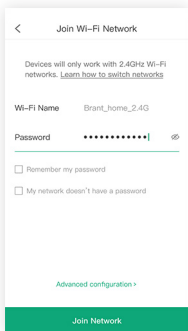


5. Press and hold the power button for 5 seconds, until the WiFi indicator slowly blinks white. Then tap **Next**.

Note: Smart Configuration Mode will turn off after 5 minutes.

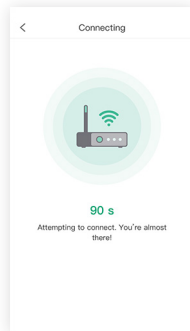


6. Type in the name of your home WiFi network and password, then tap **Join Network**.

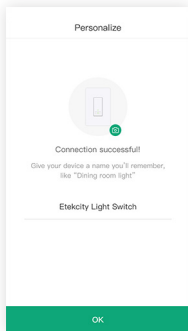


7. Wait for the smart switch to connect to your WiFi network. This may take up to 90 seconds.

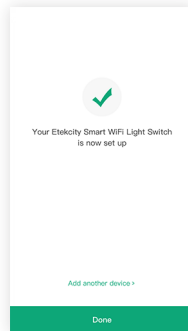
If connection fails, continue to **APN Configuration Mode** (page 16).



8. Give your smart switch a unique name, or simply use the default name. Tap **OK**.



9. You've successfully completed setup. Tap **Done** to finish.



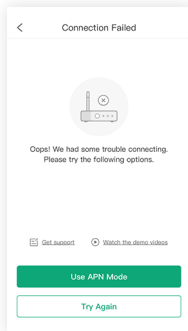
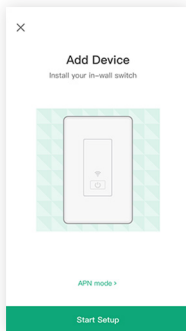
Configuration (cont.)

APN Configuration Mode

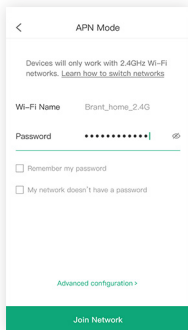
If Smart Configuration Mode fails to connect your smart switch to your WiFi, you can use APN (Access Point Name) Mode. You can also choose this mode at the beginning of setup instead of Smart Configuration Mode.

1. If you're starting from the initial "Add Device" screen, tap **APN Mode**.

If you're starting from the "Connection Failed" screen after Smart Configuration Mode has failed, tap **Use APN Mode**.

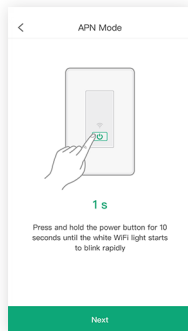


2. Type in the name of your home WiFi network and password, then tap **Join Network**.

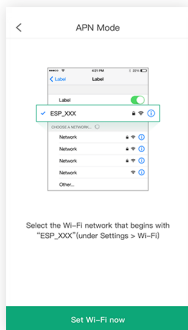


3. Press and hold the power button for 10 seconds, until the WiFi indicator quickly blinks white. Then tap **Next**.

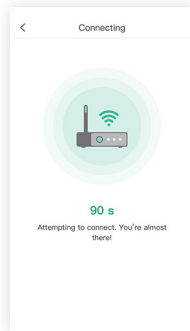
Note: APN Configuration Mode will turn off after 5 minutes.



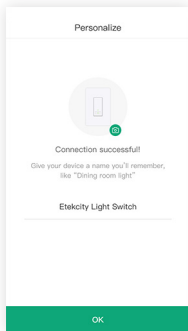
4. Go to “Settings” on your mobile device, and select the WiFi network that starts with “ESP”.



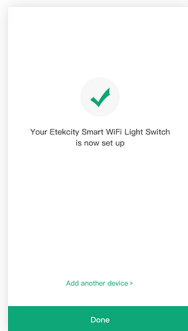
5. Wait for the connection to finish. This may take up to 90 seconds.



6. Give your smart switch a unique name, or simply use the default name. Tap **OK**.



7. You've successfully completed setup. Tap **Done** to finish.

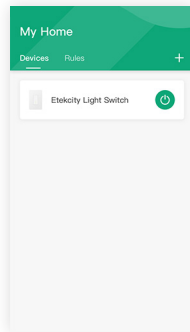


App Operation

Turning Light Off and On

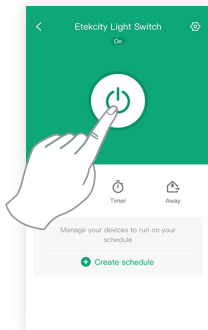
Method 1:

On the “My Home” screen, you can tap the power button to turn the light on/off.

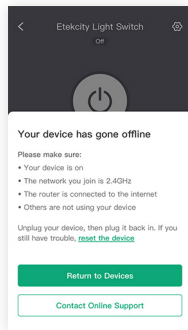


Method 2:

Tap on the smart switch's name on the "My Home" screen to view device options and details. Tap the power button to turn the light on/off.



Note: If the smart switch is offline, please follow the instructions on the app to fix the problem.

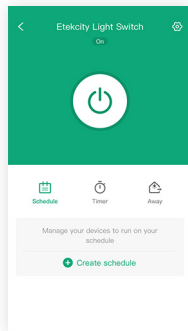


Schedules

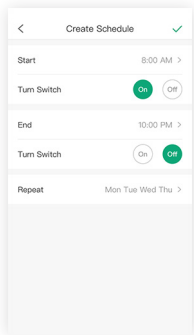
You can schedule your smart switch to turn on and off based on a schedule.

Note: The smart switch supports up to 26 schedules, timers, or away modes (in any combination).

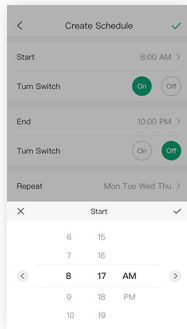
1. Tap **Create Schedule**.



2. Tap the ► icon to the right of “Start”.

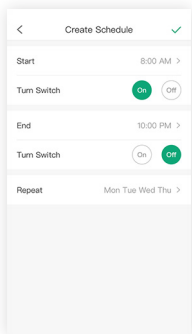


3. Set a time for the smart switch to turn on/off. Tap ✓ when you are done.

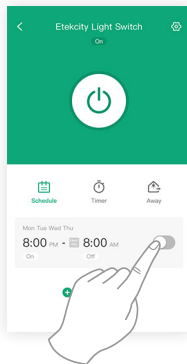


4. You can also set a time under “End”, or leave it blank.

Tap ✓ on the top right of the screen when you are done creating the schedule.



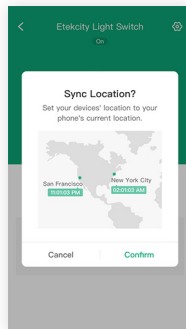
5. You can turn the schedule on/off at any time by tapping the toggle button to the right of the schedule.



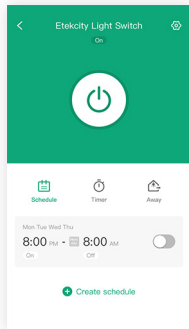
Sunrise / Sunset Schedules

You can schedule your smart switch to turn on/off at sunrise or sunset.

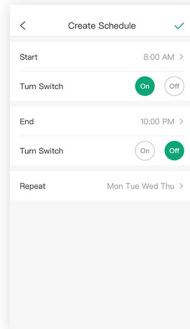
1. Make sure Location Services is turned on for VeSync.



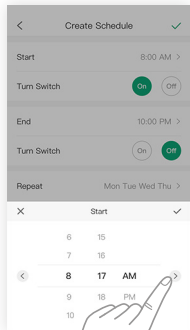
2. Tap **Create Schedule**.



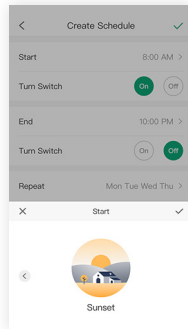
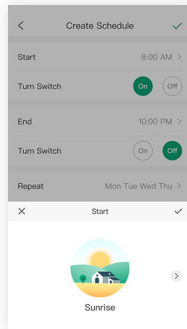
3. Tap the > icon to the right of "Start".



4. To switch to **Sunrise** or **Sunset** options, tap on the left or right arrows.



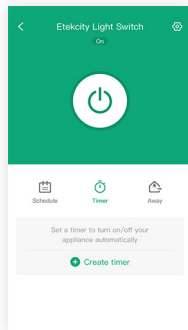
5. To confirm your choice, tap ✓.



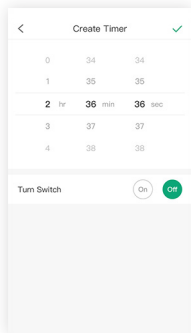
Timers


You can create a timer to turn on and off your smart switch.

1. Tap **Timer**, then **Create Timer**.

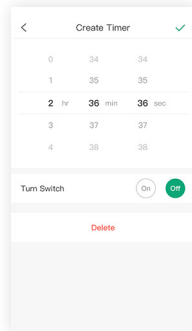
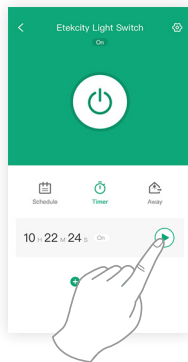


2. Set your timer, and choose whether you want the light to turn on/off. Tap ✓ when you are done.



3. Tap  to start the timer. When the timer ends, it will turn the light on/off.

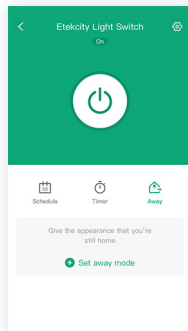
Note: To delete the timer, tap on the timer entry, then tap Delete.



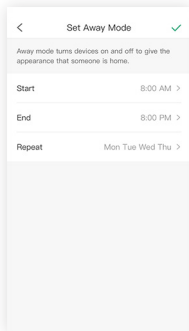
Away Mode

You can create an Away Mode timer for your smart switch, which will turn your smart switch on and off to give the appearance that someone is home.

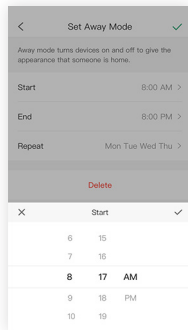
1. Tap **Away**, then **Set Away Mode**.



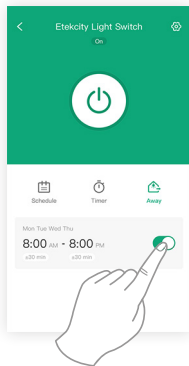
2. Tap the arrows to the right of "Start" and "End" to set the times.



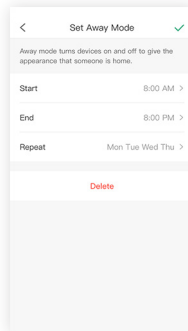
3. To confirm the Away Mode timer, tap ✓.



- You can turn the Away Mode timer on/off at any time by tapping the toggle button to the right of the schedule.



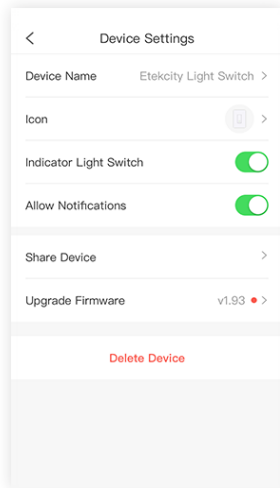
Note: To delete the Away Mode timer, tap on the timer entry on the “Away” screen, then tap **Delete**.



Device Settings

The Device Settings menu allows you to:

- Edit your smart switch name by tapping on the current name next to “Device”
- Edit your smart switch picture by tapping on the current image next to “Icon”
- Turn smart switch notifications on/off by tapping the toggle button
- Turn the WiFi indicator on/off by tapping the toggle button
- Delete your smart switch (see page 36)
- Share your smart switch (see page 34)

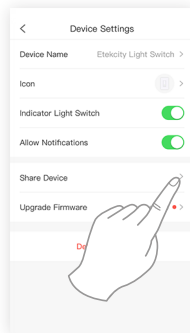


Share Device

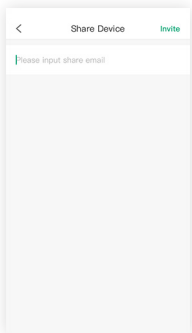
You can use Share Device to allow someone else to control your smart switch (such as family, friends, roommates, or anyone you choose).

Note: People who you share your smart switch with cannot edit or delete any of your device settings.

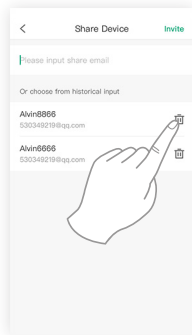
1. Tap **Share Device**.



2. Type in the email belonging to the person you want to share your smart switch with. Tap **Invite** in the upper right corner.



3. Tap the **Trash Icon** (🗑️) to remove people who you have shared your device with. These people will no longer be able to control your smart switch.

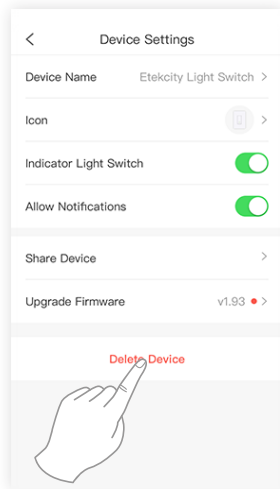


Delete a Device

You can delete your smart switch from the VeSync app from the “Device Settings” screen. This option is located at the bottom of the screen.

You can also delete your smart switch from the “My Home” screen in the VeSync app.

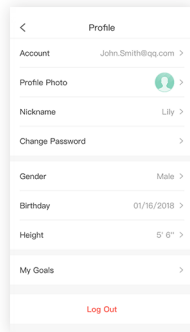
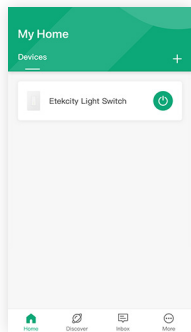
- **iOS:** Swipe left on the smart switch’s name to delete.
- **Android:** Press and hold for 2 seconds on the smart switch’s name to delete.



Log Out

Note: You do not need to log out if you are not using a VeSync account.

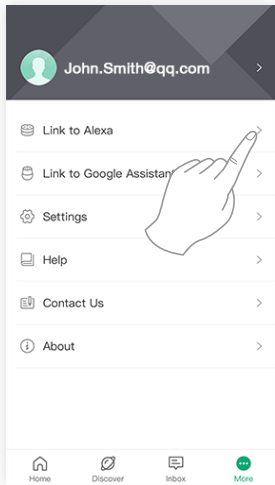
1. On the “My Home” screen, tap **More..**
2. Tap your profile, then tap **Log out.**



Connecting with Alexa

To view instructions on the VeSync app, tap **More** on the “Devices” screen, then tap Connect with Alexa.

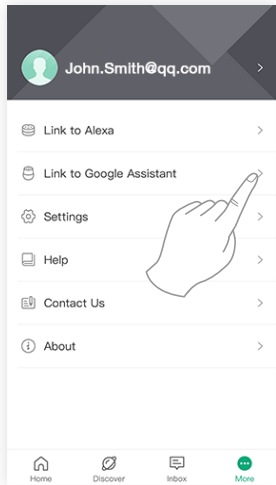
Note: You must create your own VeSync account to connect with Alexa.



Connecting with Google Home

To view instructions on the VeSync app, tap More on the “Devices” screen, then tap Connect with Google Home.

Note: You must create your own VeSync account to connect with Google Home.

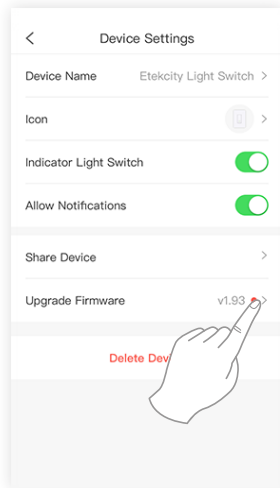


Maintaining Your Smart Switch

Firmware Updates

To keep the smart switch up to date with the latest improvements and fixes, you should always update the firmware when updates are available.

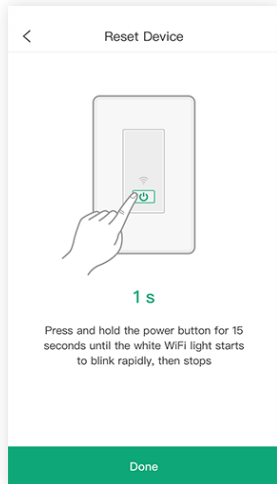
On the **Device Settings** screen, tap **Upgrade Firmware**.



Resetting

Resetting the smart switch can help you troubleshoot any issues you may have. Please keep in mind that factory resetting a device will erase all of your custom settings and restore them to factory default settings.

Press and hold the **power button** for about 15 seconds until the WiFi indicator light blinks white rapidly (4 times a second). The WiFi indicator light will blink rapidly 10 times, and the smart switch will turn off. This will reset the smart switch to factory defaults.



Troubleshooting

Q: Why haven't I received a registration verification email?

- Check to make sure that your email address is correct.
- Try checking your spam or trash folders for the verification email.
- If you still haven't received the email, please contact **Customer Support** (page 48).

Q: Why can't I connect my smart switch to my WiFi network during Setup?

- Make sure your phone is connected to a 2.4GHz WiFi network. If you need to change your network, refer to "**How do I change my WiFi network to a 2.4GHz WiFi network?**"

Note: Smart switches currently only support 2.4GHz WiFi networks, but you can use any available network—even cellular data networks—to control the smart switch from your phone once you've finished configuration.

- Make sure your wireless network router is close enough to your smart switch. The smart switch must be within a 164 ft (50 m) visible range from the router.
- Check your WiFi network to make sure MAC address filtering is turned off.
- Make sure you don't have too many devices connected to your router (10 or fewer is best).
- Clear your VeSync app cache.
- Factory reset your smart switch (see **Resetting**, page 41). If resetting does not fix the problem, contact **Customer Support** (page 48).

Q: How do I change my WiFi network to a 2.4GHz WiFi network?

1. Make sure your router is a dual band router (most dual band routers support both 5GHz and 2.4GHz networks).
2. On your phone settings, set your WiFi network to 2.4GHz. Most 5GHz WiFi are suffixed by "_5G." Select the network that does **NOT** have "5G" in its name.
3. Some routers hide the 2.4GHz WiFi network. If you have trouble finding or setting up your 2.4GHz network, please contact your router

manufacturer to get support.

4. Open your VeSync app, and it should automatically sync with your network.

Q: Why won't the VeSync app let me add my smart switch?

- If someone else already set up the smart switch, ask them to share the smart switch with you (see **Share Device**, page 34) so that you can control it with your VeSync account.
- Check to make sure that your WiFi password was entered correctly.
- Try using **APN Configuration Mode** (page 16).
- Make sure your smart switch firmware is up to date (see **Firmware Updates**, page 40).
- Factory reset your smart switch (see **Resetting**, page 41). If resetting does not fix the problem, contact **Customer Support** (page 48).

Q: After adding my smart switch to VeSync, why won't the smart switch icon appear on the "My Home" screen of the VeSync app?

- After adding your smart switch to the VeSync app (see **Setup**, page 10), refresh the main menu

screen (by switching between screens, or closing and reopening the app), and the smart switch should appear on the "My Home" screen.

Q: Why won't my smart switch respond to my app commands?

- Make sure your WiFi network is working properly.
- Make sure your smart switch is properly installed.
- Make sure your wireless network router is close enough to your smart switch. The smart switch must be within a 164 ft (50 m) visible range from the router.
- Do not use a metal faceplate with your smart switch. This may cause WiFi signal interference.
- Factory reset your smart switch (see **Resetting**, page 41). If resetting does not fix the problem, contact **Customer Support** (page 48).

Q: Alexa/Google Home can't find my app or can't discover my smart switch.

- Make sure your wireless network router is close enough to your smart switch. The smart switch must be within a 164 ft (50 m) visible range from the router.

- Check that your Alexa/Google Home is working properly.
- Make sure your smart switch name is simple to speak. Different accents or unusual pronunciations can make it difficult for Alexa and Google Home to recognize device names.
- Try reconnecting your Alexa/Google Home.
- Factory reset your smart switch (see **Resetting**, page 41). If resetting does not fix the problem, contact **Customer Support** (page 48).

Q: Why isn't my smart switch turning on/off as scheduled?

- Check to make sure that the schedule is still turned on (the toggle button should be green, not gray).
- Check to make sure that your phone's Location Services are turned on.
- Make sure the smart switch is connected to a working network and is not offline.

Q: I'm unable to control my smart switch, and the WiFi indicator light on the smart switch is blinking continuously.

- Check to make sure that your WiFi network is online.
- Make sure your wireless network router is close enough to your smart switch. The smart switch must be within a 164 ft (50 m) visible range from the router.
- Factory reset your smart switch (see **Resetting**, page 41). If resetting does not fix the problem, contact **Customer Support** (page 48).

Q: I believe my smart switch is defective. What should I do?

- Contact **Customer Support** (page 48).

Warranty

PRODUCT	<i>SMART WIFI LIGHT SWITCH</i>
DEFAULT WARRANTY PERIOD	<i>1 YEAR</i>
For your own reference, we strongly recommend that you record your order number and date of purchase.	
ORDER NUMBER:	
DATE OF PURCHASE:	

TERMS & POLICY

Etecity warrants all products to be of the highest quality in material, craftsmanship, and service, effective from the date of purchase to the end of the warranty period.

Etecity will replace any product found to be defective due to manufacturer flaws based on eligibility. Refunds are available within the first 30 days of purchase. Refunds are only available to the original purchaser of the product. This warranty extends only to personal use and does not extend

to any product that has been used for commercial, rental, or any other use in which the product is not intended for. There are no warranties other than the warranties expressly set forth with each product.

This warranty is non-transferrable. Etecity is not responsible in any way for any damages, losses, or inconveniences caused by equipment failure by user negligence, abuse, or use noncompliant with the user manual or any additional safety, use, or warnings included in the product packaging and manual.

This warranty does not apply to the following:

- Damage due to abuse, accident, alteration, misuse, tampering, or vandalism.
- Improper or inadequate maintenance.
- Damage in return transit.
- Unsupervised use by children under 18 years of age.

Etecity and its subsidiaries assume no liability for damage caused by the use of the product other than for its intended use or as instructed in the user manual. Some states do not allow this exclusion or limitation of incidental or consequential losses so the foregoing disclaimer may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

ALL EXPRESSED AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Additional 1-Year Warranty

You can extend your 1-year warranty by an additional year. Log onto www.etekcity.com/warranty and enter your order number (for example, from Amazon or Houzz) to register your new product for the extended warranty.

If you are unable to provide the order number for your product, please type a short note in the order number field along with the date you received your product.

Defective Products & Returns

If your product proves defective within the specified warranty period, please contact Customer Support via support@etekcity.com with your order number. DO NOT dispose of your product before contacting us. Once Customer Support has approved your request, please return the unit with a copy of the invoice or your order number.

Customer Support

If you encounter any issues or have any questions regarding your new product, feel free to contact our helpful Customer Support Team. Your satisfaction is our goal!

Customer Support

Etekcitey Corporation
1202 N Miller St. Suite A
Anaheim, CA 92806

Toll-Free: (855) 686-3835
Fax: (657) 202-1693
Local: (657) 500-1872
Email: support@etekcity.com

Support Hours

Monday - Friday:
9:00 am - 5:00 pm PST

**PLEASE HAVE YOUR ORDER CONFIRMATION
NUMBER READY BEFORE CONTACTING
CUSTOMER SUPPORT.*

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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

FCC ID: 2AB22-ESWL01

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