



## **Durablown® Smart Home Series - Gas Valve Control**

### **Supported Control**

- + Smart Life App
- + Amazon Echo
- + Google Home
- + IFTTT



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**DOWNLOAD APP & CREATE ACCOUNT**

1

## DOWNLOAD & INSTALL SMART LIFE APP

3



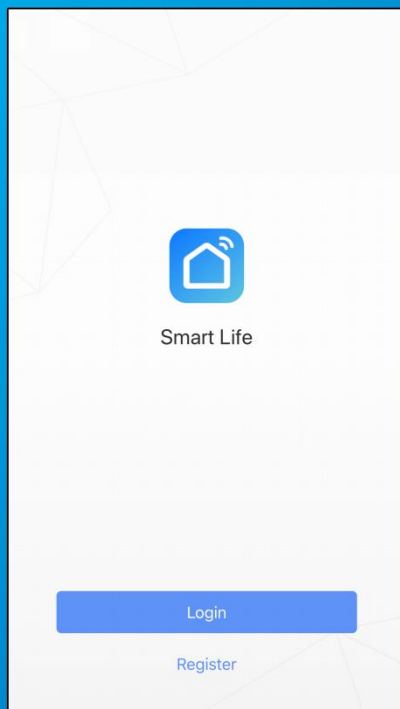
Use your phone to scan the QR code above,  
or search “Smart Life” in APP Store (iOS), or Google Play (Android) to download and install.



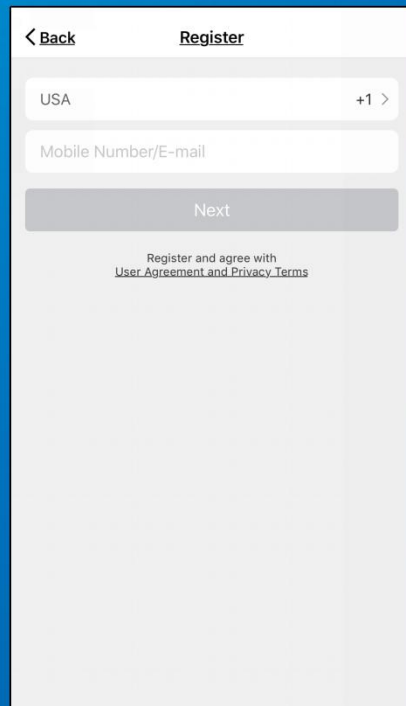
## 1

# REGISTER A NEW ACCOUNT

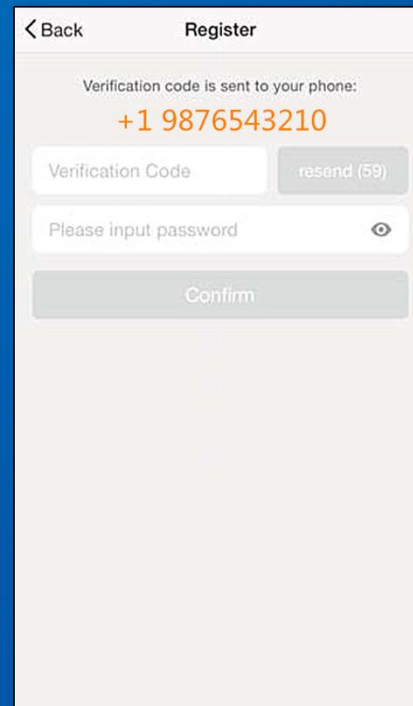
Mobile phone number / Email address



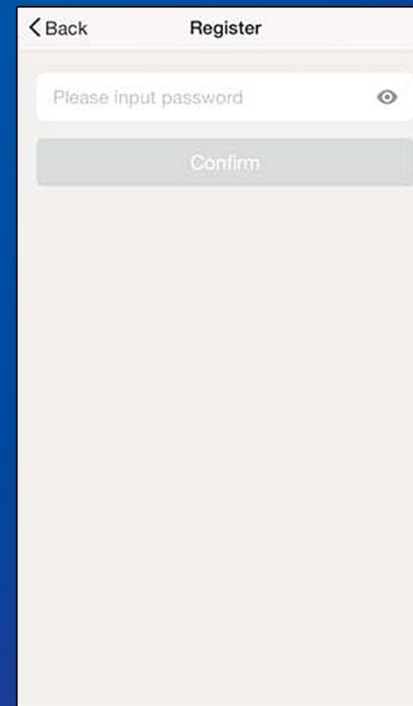
**Pic. 1**



**Pic. 2**



**Pic. 3**



**Pic. 4**

1. Tap "Register" on the bottom. (Pic 1)
2. Select your country code and enter mobile phone number / E-mail and tap "Next". (Pic 2)
3. For mobile phone number account, enter the verification code (Pic 3) given in the text message.  
Enter desired password, tap "Confirm" to finish the registration.
4. For E-mail account, enter desired password (pic 4), tap "Confirm" to finish the registration.

## 1

# LOGIN SMART LIFE APP

Login Register

Country / Region Armenia +374 >

Mobile number/E-mail

Password

Login

Sign in with SMS verification

Forgot password

Sign in with social media account

facebook twitter

Pic. 1

Cancel SMS verify and sign in

Country / Region Armenia +374 >

Phone Number

Verification Code

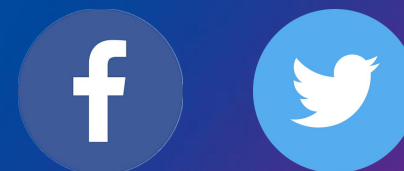
Get

Login

Pic. 2

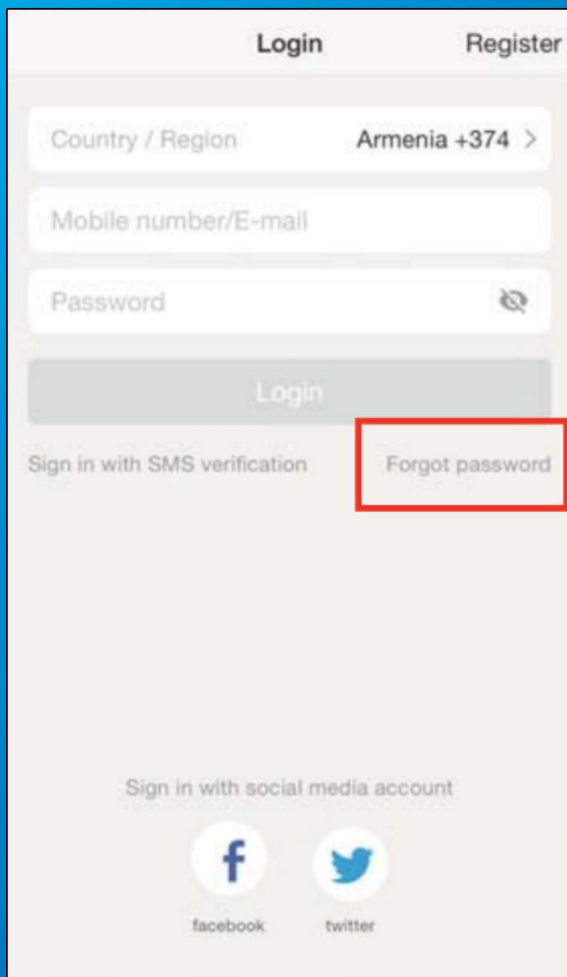
## Login methods:

- Login with mobile number + SMS verification code (text message). (Pic. 1+2)
- Login with account number (mobile number/E-mail) + password. (Pic. 1)
- Login with social media account.  
(If you have installed Facebook or Twitter in your phone, tap the corresponding icon below, and sign in the App after social network authentication)



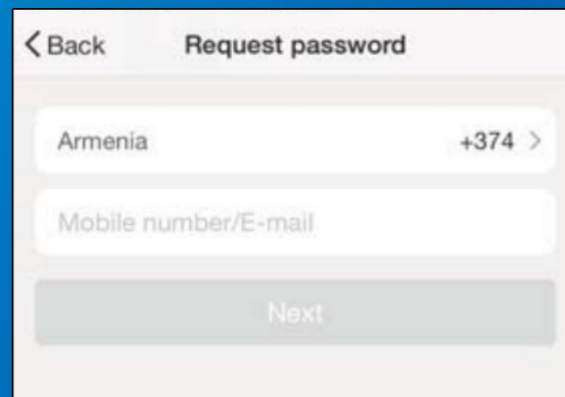
## 1

## FORGOT PASSWORD / RESET



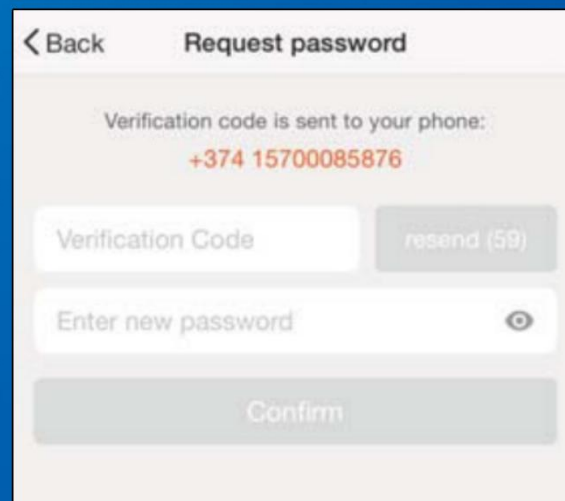
The screenshot shows a mobile app interface with a light beige background. At the top, there are two tabs: 'Login' and 'Register'. Below the tabs, there are three input fields: 'Country / Region' (with a dropdown menu showing 'Armenia +374 >'), 'Mobile number/E-mail', and 'Password' (with an eye icon for toggling visibility). Below these fields is a 'Login' button. Underneath the 'Login' button, there is a link 'Sign in with SMS verification' and a link 'Forgot password' which is highlighted with a red rectangular box. At the bottom, there is a section 'Sign in with social media account' with icons for Facebook and Twitter.

Pic. 1



The screenshot shows a mobile app interface for the 'Request password' screen. At the top, there is a '< Back' button and the title 'Request password'. Below the title, there are two input fields: 'Country / Region' (with a dropdown menu showing 'Armenia +374 >') and 'Mobile number/E-mail'. Below these fields is a 'Next' button.

Pic. 2



The screenshot shows a mobile app interface for the 'Request password' screen. At the top, there is a '< Back' button and the title 'Request password'. Below the title, there is a message 'Verification code is sent to your phone:' followed by the verification code '+374 15700085876'. Below the message, there are two input fields: 'Verification Code' and 'Enter new password' (with an eye icon for toggling visibility). Below these fields is a 'Confirm' button.

Pic. 3

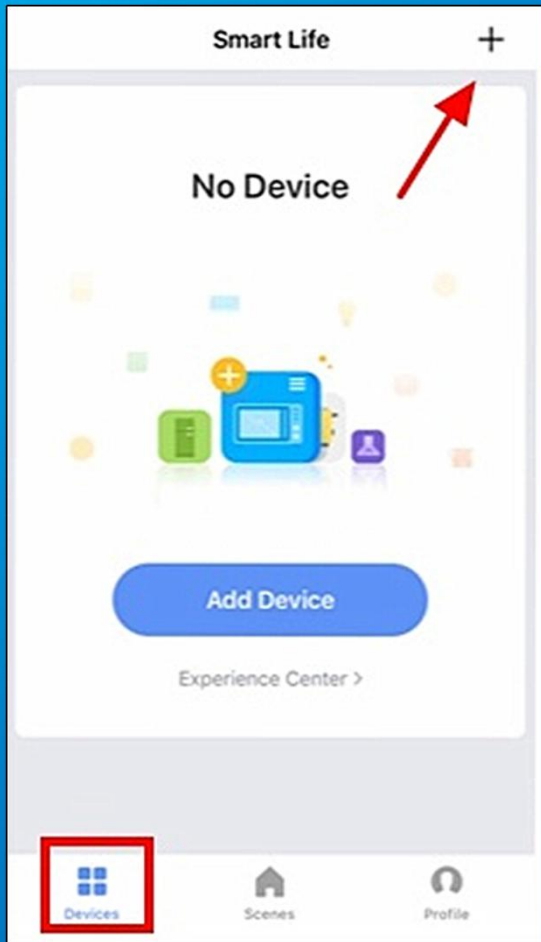
If forgot password, follow steps below and reset:

1. Tap "Forgot password". (Pic. 1)
2. Select your country, enter your account the cellphone number / E-mail, and tap "Next". (Pic. 2)
3. Enter the verification code given in the message / E-mail , and enter a new password, tap "Confirm" to finish. (Pic. 3)
4. Login with new password.

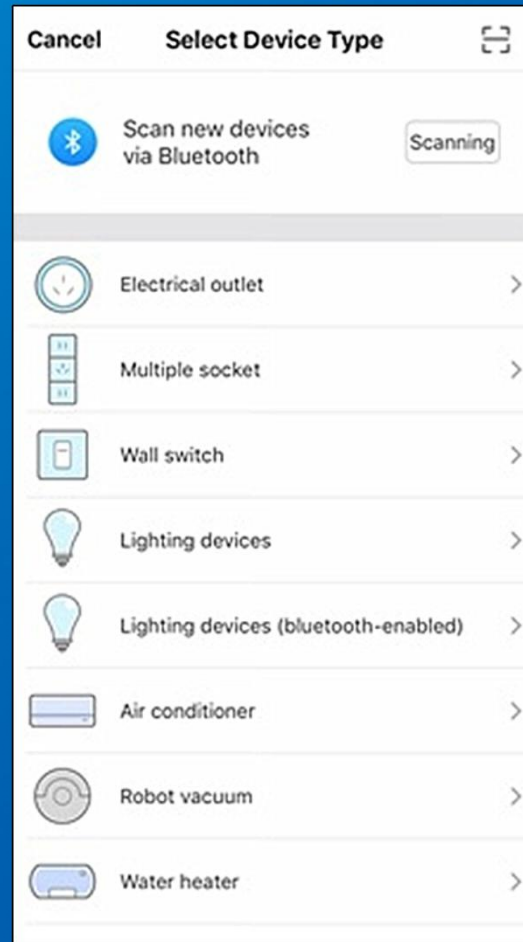




**ADD DEVICE & WIFI SETTING**



Pic. 1



Pic. 2

1. Power ON your device.

2. Login your Smart Life App, and tap the "+" or "Add Device" Icon (Pic. 1) to add device in Smart Life App, select the right device (Pic. 2).  
For this device, Wall switch is preferred.

3. Make sure your phone has been connected with the strongest WiFi signal nearby.

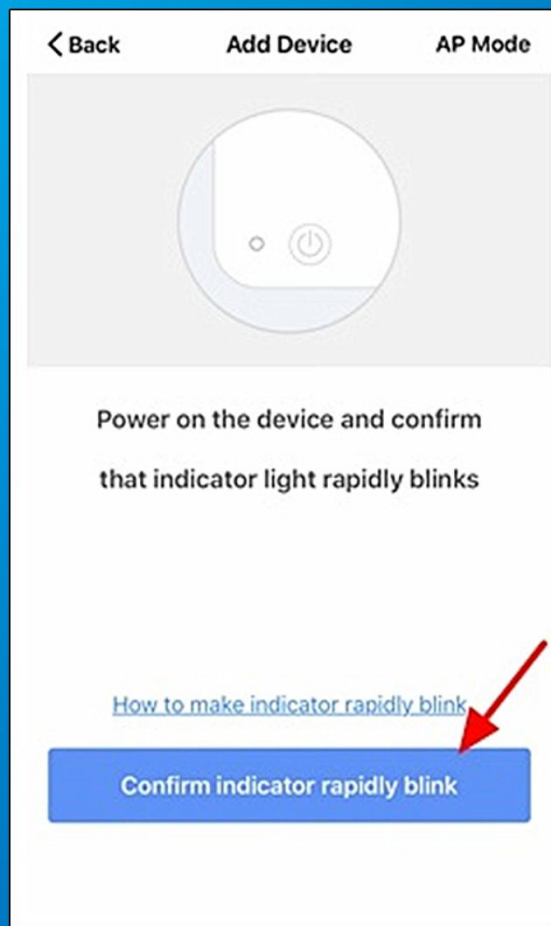


Find RESET BUTTON  
on controller box

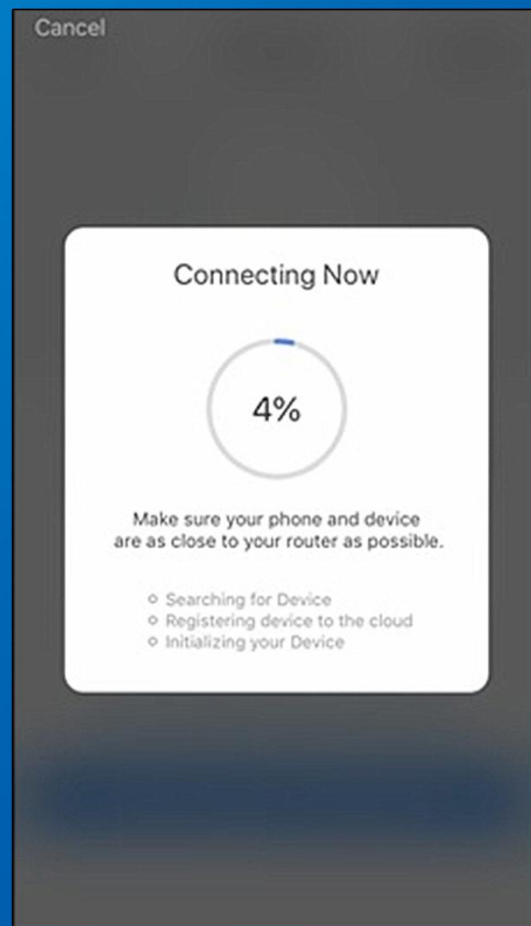
Pic. 3

## 2

## ADD DEVICE (Quick connect mode)



Pic. 1



Pic. 2

There are two connection methods for the App:  
1. Quick connect mode (default mode)  
2. Hotspot mode (AP mode)

Tap “AP Mode” at upper right corner to switch the connection method to hotspot mode.

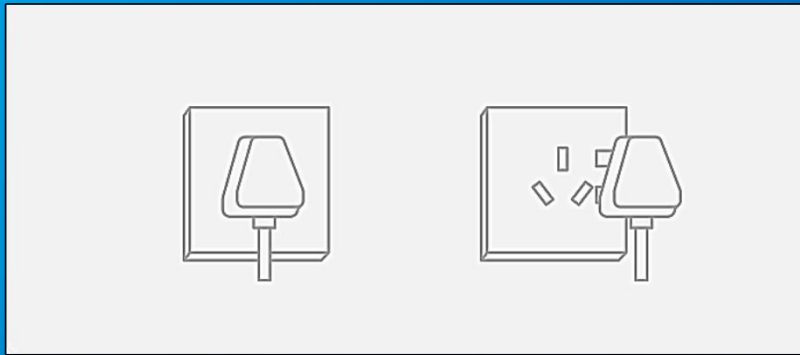
For quick connect mode, please make sure the device’s indicator light rapidly flashes.

Tap “Confirm indicator rapidly blink” button and go on to the next step. (Pic. 1)  
Connecting process will be automatically completed in 30-60 seconds. (Pic. 2)

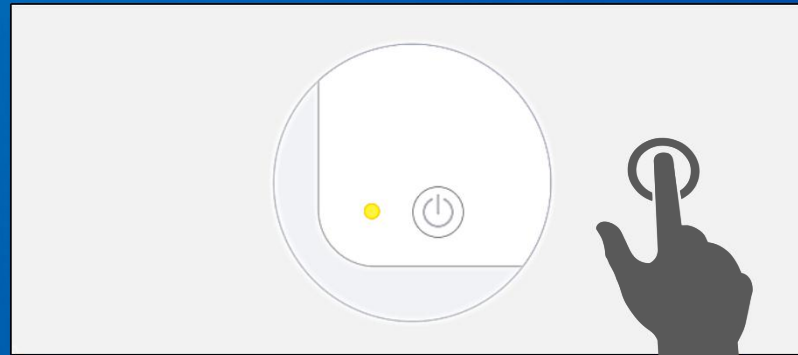


## HOW TO MAKE INDICATOR **RAPIDLY** BLINK?

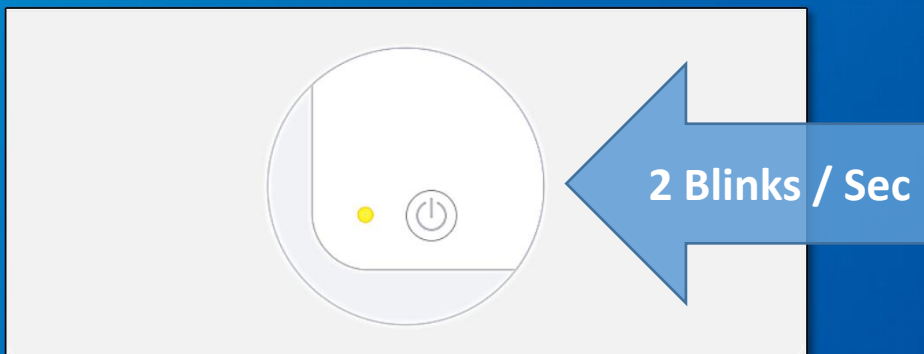
For quick connect mode (default mode)



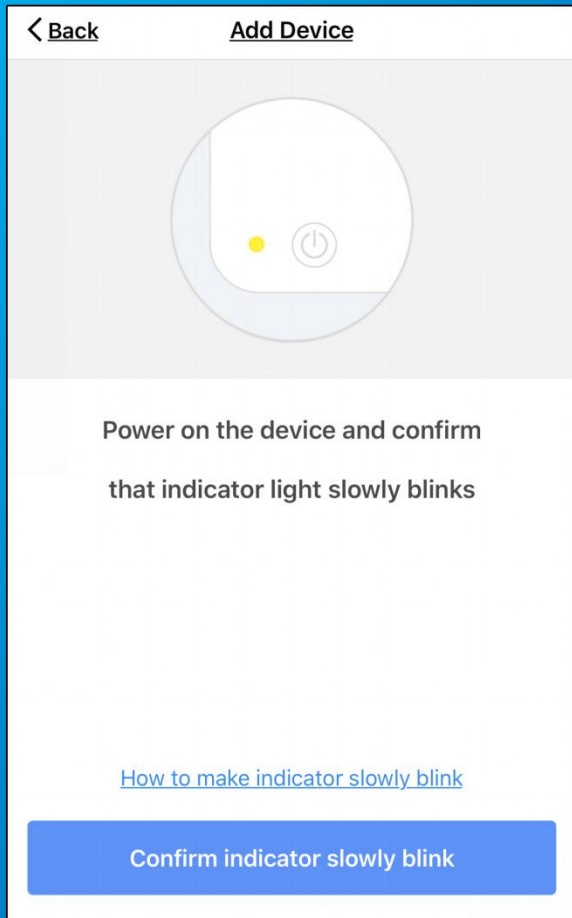
1. Unplug from outlet and wait for 10 seconds, and plug in back.



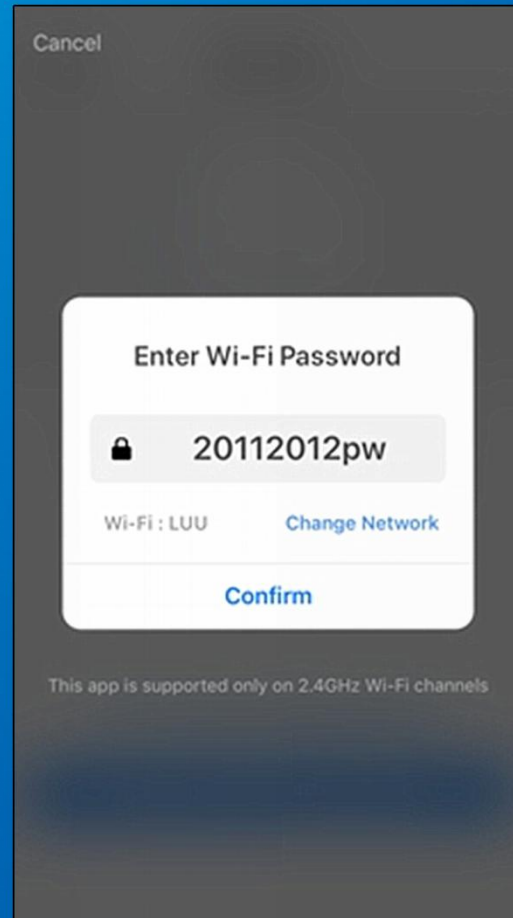
2. Press reset button on the device for 5 seconds or longer.



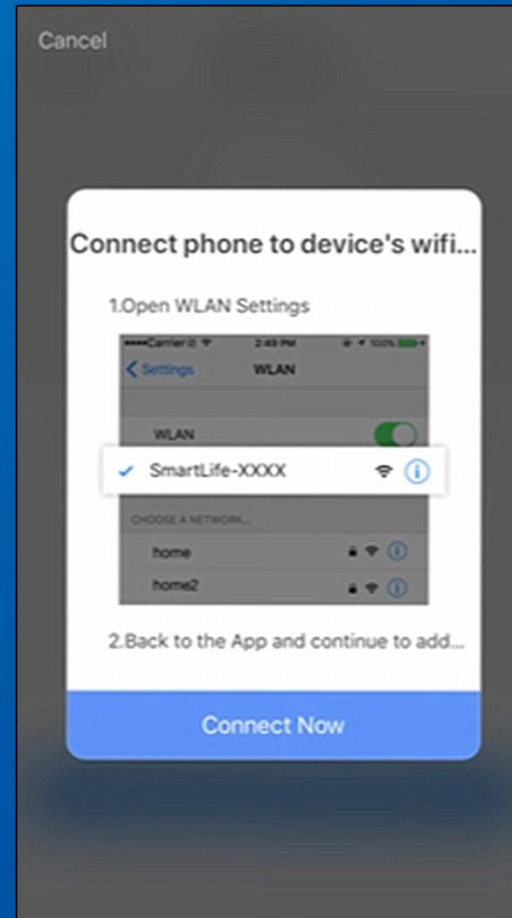
3. Release the button once indicator starts blinking (2 blinks per second).



Pic. 1



Pic. 2



Pic. 3

For hotspot mode, make sure the indicator is slowly blinking. (Pic. 1)

Select the WIFI network which is ready for Smart Home device's connecting and use, and enter the WIFI password. Confirm to next step. (Pic. 2)

Tap "Connect now" to go to your phone's WLAN setting, and connect to the hotspot named like "Smart-XXXX" (Pic. 3). Connecting process will be automatically completed in 30-60 seconds.

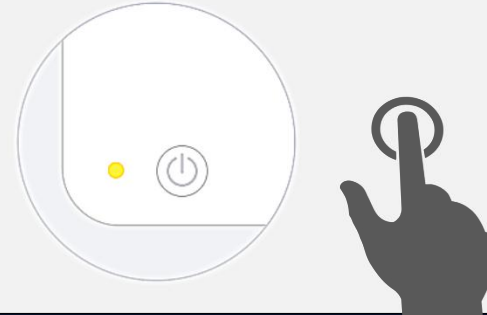


## HOW TO MAKE INDICATOR SLOWLY BLINK?

For Hotspot mode (AP mode)



**1. Unplug from outlet and wait for 10 seconds, and plug in back.**



**2. Press reset button on the device for 5 seconds or longer.**



**2 Blinks / Sec**

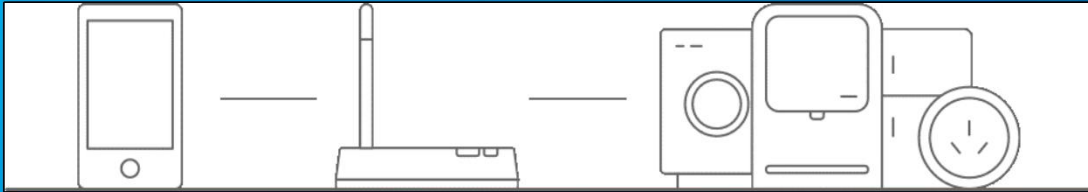
**3. Release the button once indicator starts blinking (2 blinks per second).**



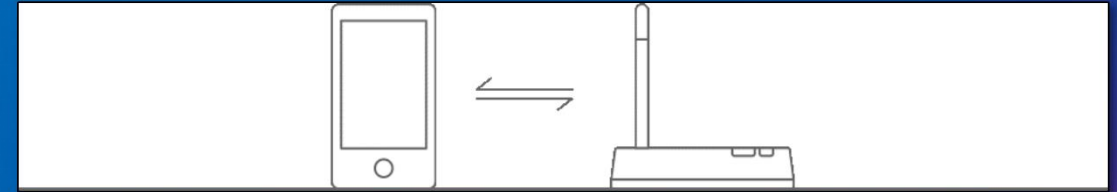
**1 Blink / 3-Sec**

**4. Press the reset button again for 5 seconds or longer until indicator starts blinking slowly (1 blink every 3-second).**

Device connection failure in different circumstances?



1. Confirm device is powered on.
2. Confirm the device is under config mode.
3. Confirm that device, smartphone and router are as close to each other.



4. Make sure the network function of router and smartphone are unblocked.

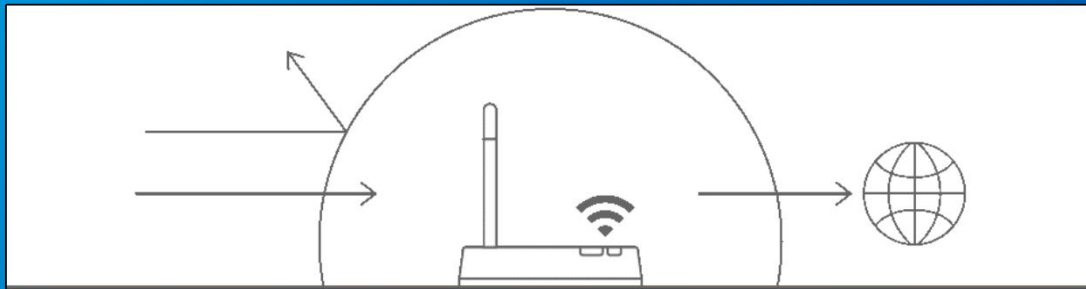


5. Confirm the entered router password is correct.
6. Confirm adding device is under 2.4G WIFI channel.  
Enable the broadcast and not allow to hide WiFi.

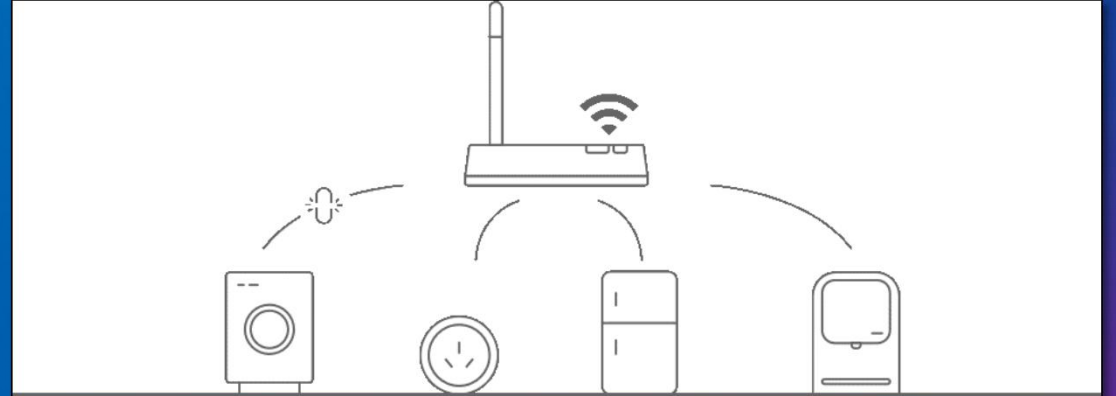
Device connection failure in different circumstances?



7. Confirm that router's encryption method is WPA2-PSK and authentication type is AES, or both are set as automatic.



9. If router enables MAC address filter, please try removing the device from MAC filter list and make sure router is allowing device to be connected to Internet.



8. If router's connected devices reach the amount limit, please turn off some devices' WIFI function (offline) and configure again.





## WIRING & FUNCTIONS





## WARNING, REMINDER & LEGAL DISCLAIMER (1/2)

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- Read all sections and original manufacturer manual for safety installation before any actions. If you can NOT read or understand these installation instructions, do NOT attempt to install or operate.
- ONLY qualified electrician / gas technician with the knowledge of gas appliances and gas valves that are permitted to install this device.
- Any modifications of Durablow remote control system, or parts, or components are PROHIBITED. They will void the warranty, and may cause a fire hazard result in human casualties and property damages.
- Do NOT connect any gas valve or electronic module directly to 110-120VAC power.
- Read gas appliance manufacturer's instructions and wiring schematics completely for proper placement of all wires. All electronic modules are to be wired to manufacturer's specifications.
- All wiring diagrams in these instructions are for illustration purpose ONLY. Follow instructions from manufacturers of gas valve and electronic module for correct wiring & installation procedures.

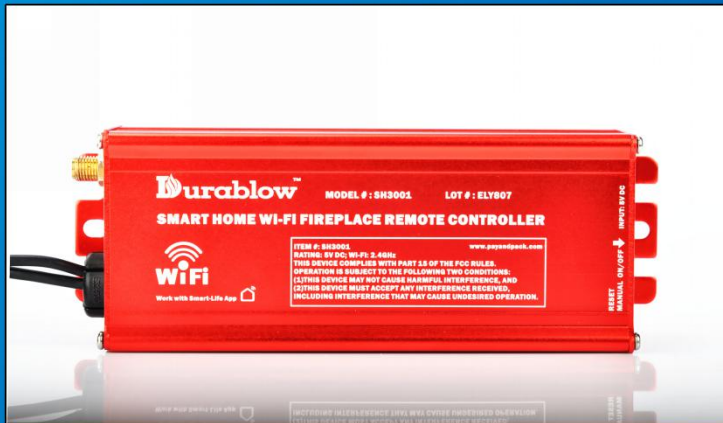


## WARNING, REMINDER & LEGAL DISCLAIMER (2/2)

- Improper installation of electric components can cause damage to electronic module, gas valve and device.
- Decide where to install the device before proceeding. This device is designed to be near a power outlet and installed outside the fireplace / stove / fire-pit for better signal transmission. (\*IMPORTANT: Keep away from high-heat of exceeding 130°F . Additional protection is required for no exposure to the hearth).
- Unplugging the control device from power source is strongly recommended if house/location is unattended for a long time.
- Legal disclaimer: Due to different using circumstance, user should take specific advice from qualified technician or professional people before undertaking any action following information included in these instructions above. All users who ignore this disclaimer, misuse, abuse, or install the system improperly are at their own risk.
- The App's user interface, guideline, & functions may differ from this manual due to the Application updates, smart phones, countries, languages, operating systems...etc.

1. Remote Controller Box with Two Connected Wires (Model #: SH3001) (Pic. 1)
2. Wi-Fi Antenna (Black) (Pic. 2)
3. Power Supply USB Plug (100-240VAC) (Pic. 3)
4. Power Cord (Type: USB + Micro USB) (Pic. 4)
5. Installation Instruction / Manual

*(For any missing parts or damages, please contact your sellers, or [info@payandpack.com](mailto:info@payandpack.com) with order ID)*



Pic. 1



Pic. 2



Pic. 3



Pic. 4



1. Connect power supply USB plug (AC/DC adapter) with power cord and controller box (DC 5V).



INPUT: AC 100-240V, 50/60Hz, 0.4A  
OUTPUT: DC 5V, 1.0A  
FCC/EMC approved; cUL standard listed.

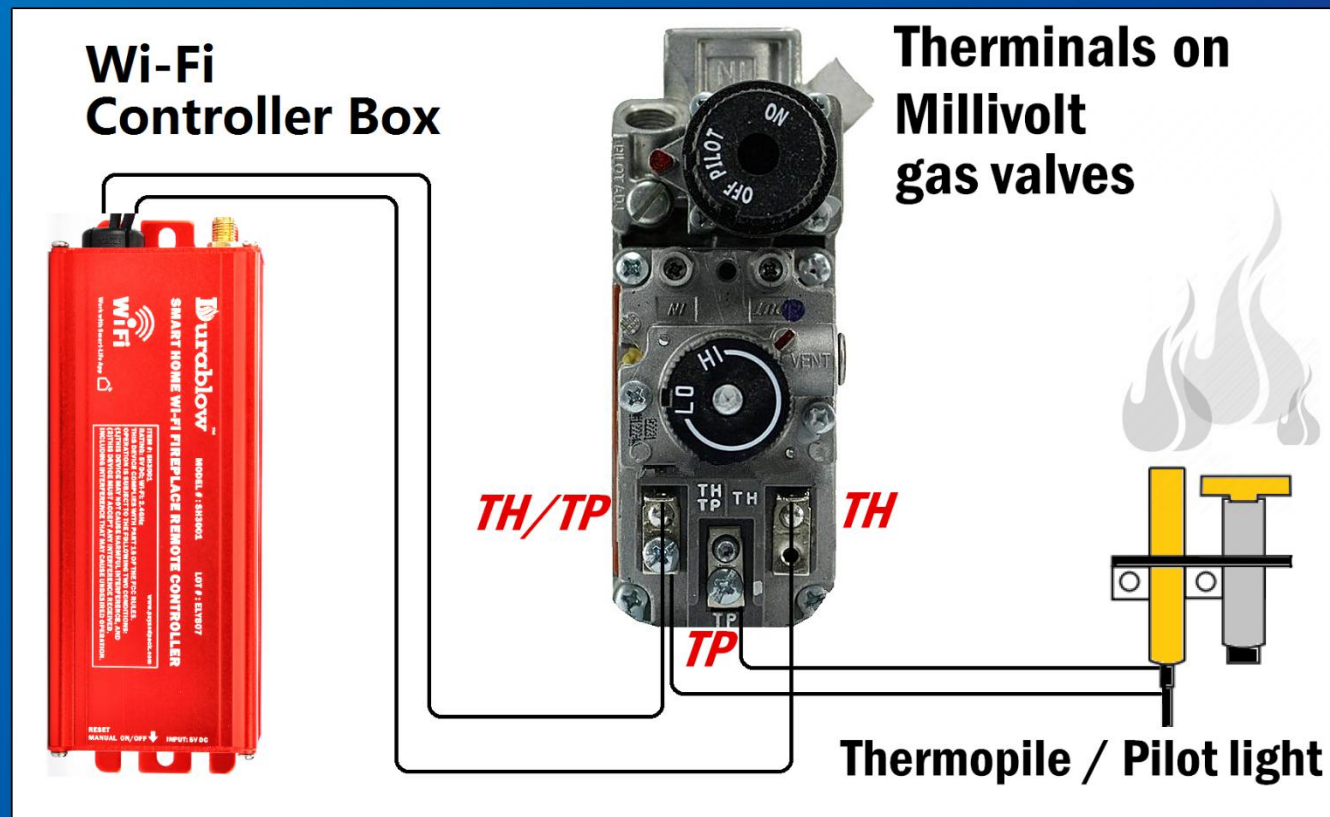
2. Install / screw-in the antenna on the Wi-Fi controller box.



## WIRING METHOD (1) FOR \*MILLIVOLT VALVE

Connect the two wires of the Wi-Fi controller box to the Millivolt gas valve at the TH, TH/TP terminals on the terminal block. (\*Both wires can be connected to TH, TH/TP terminals)

The Wi-Fi controller box's operation is to turn the gas valve ON and OFF. App or other devices (such as Amazon Alexa Echo Dot) send signals to Wi-Fi controller box, and then it passes the signals to Millivolt valve to function the ON and OFF of gas supply / fire / heater.

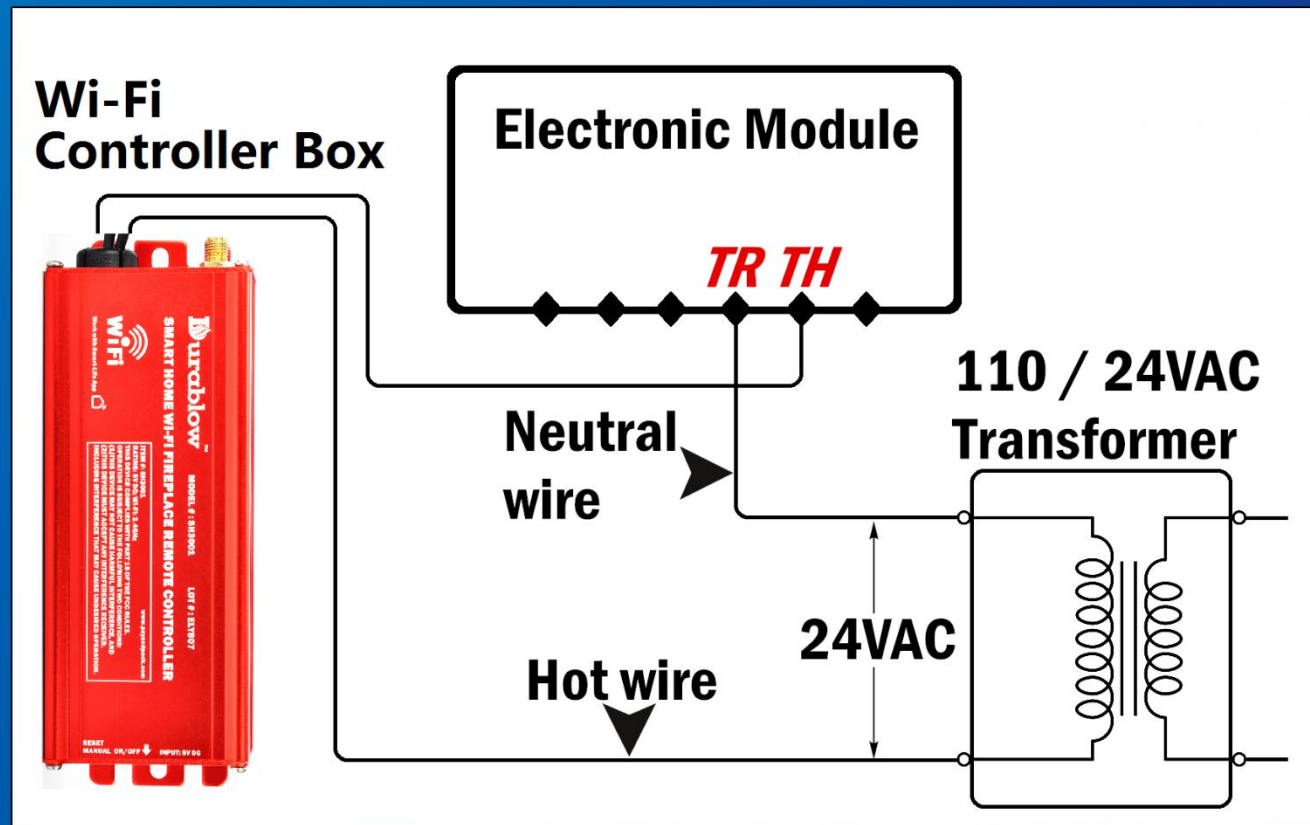


*\* The Millivolt valve shown in picture is for reference only, your actual Millivolt valve may differ in shape. Please locate the TH, TH/TP terminals with valve's manual or original maker.*



## WIRING METHOD (2) FOR \*ELECTRONIC SPARK IGNITION MODULE

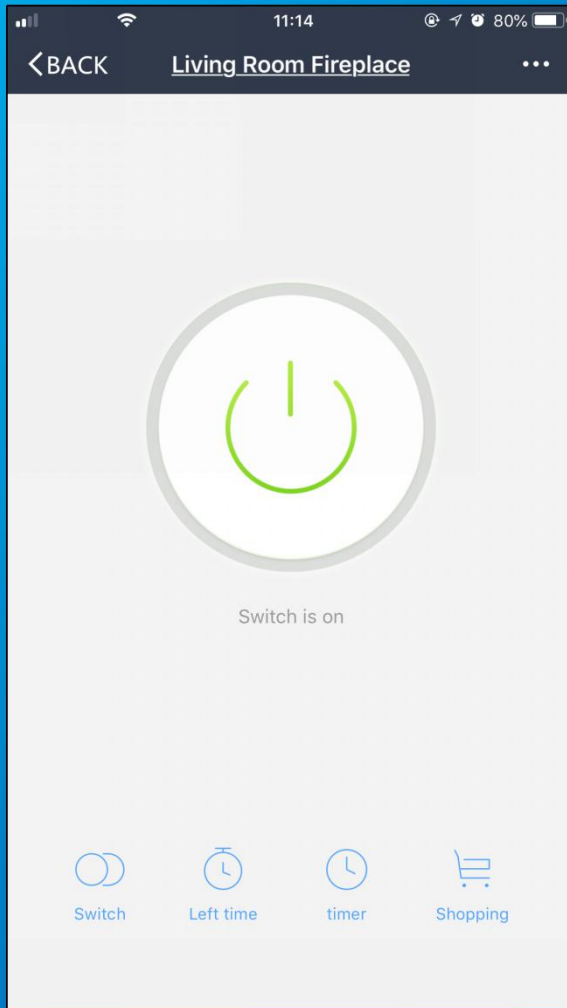
1. Connect a 24VAC transformer in series to the TR (transformer) terminal on the ELECTRONIC SPARK IGNITION MODULE.
2. Connect the hot wire from the 24VAC transformer to either of the wire terminals on the Wi-Fi controller box.
3. Connect another wire between controller box terminal and the TH (thermostat) terminal on the ELECTRONIC MODULE.



*\* This picture is for reference only, your actual installation may differ.  
Please refer to your module manual or original maker.*



# REMOTE CONTROL (1) WITH SMART LIFE APP



1. Login Smart Life App.



2. Find your paired device from the DEVICES list.

3. Tap it to enter the device control panel.

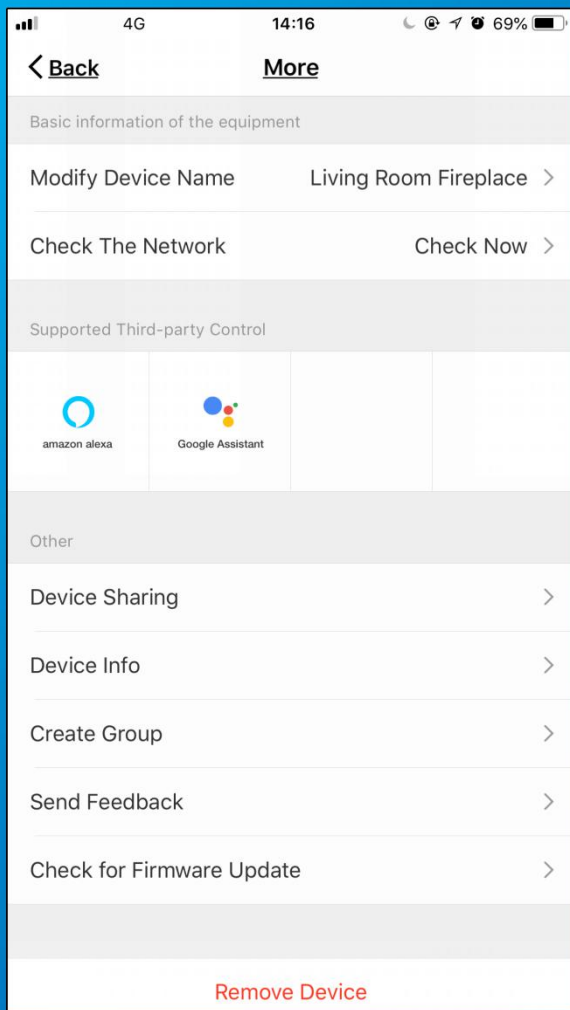
4. Functions: (see buttons on bottom)

- Switch ON / OFF the device manually.
- Set Left time counting down to turn ON / OFF the device automatically.
- Customize Timer sets to turn ON / OFF on schedule automatically.
- Go Shopping or get support on [www.PayandPack.com](http://www.PayandPack.com) webstore.

## 3

## REMOTE CONTROL: (2)

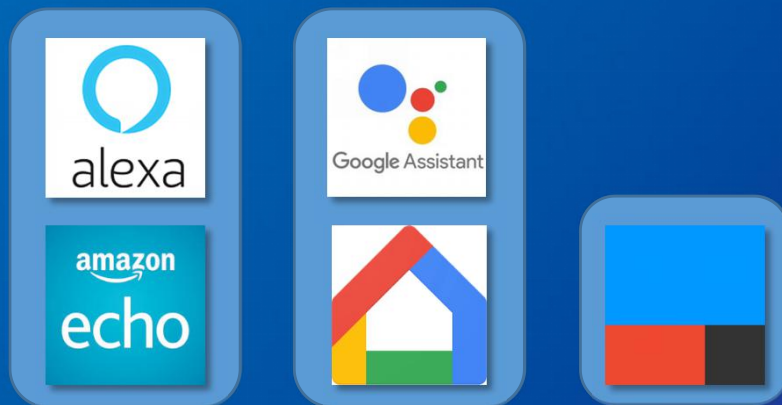
### SUPPORTED THIRD-PARTY CONTROL / APP

**Pic. 1**

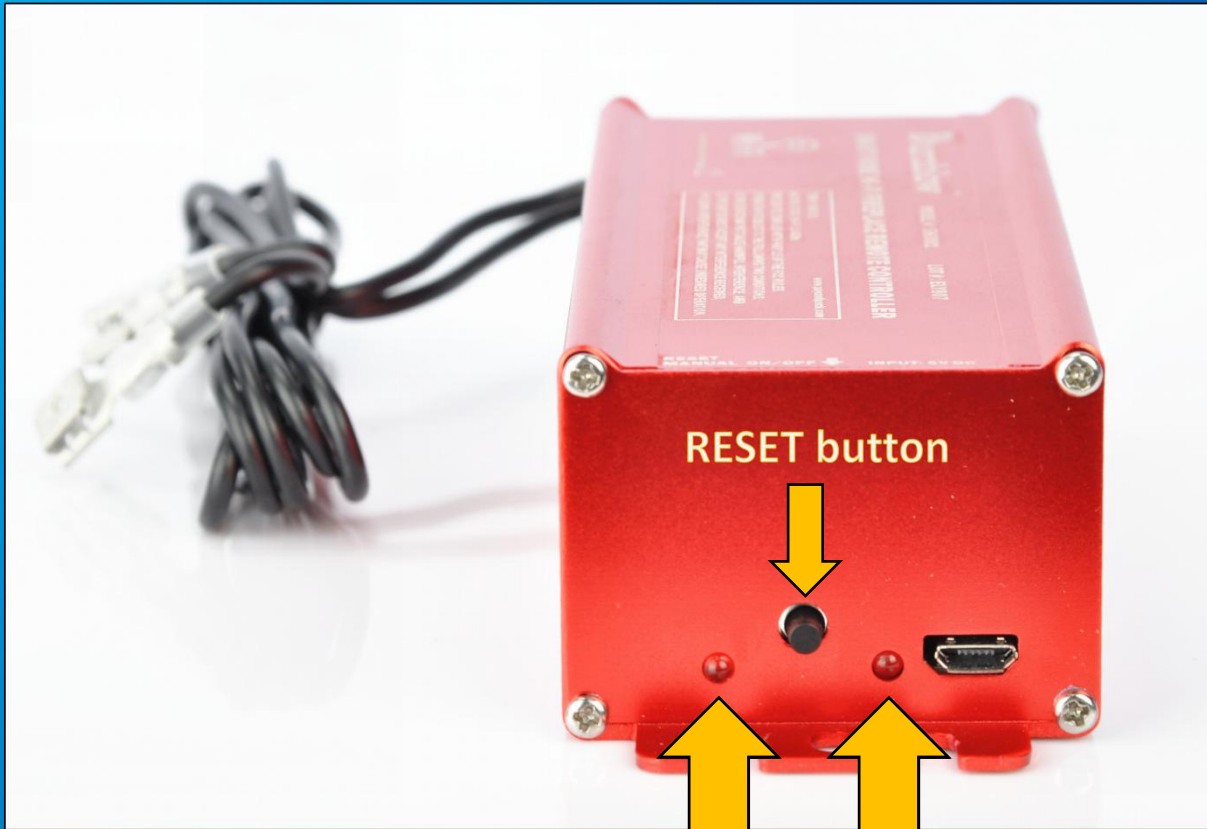
This device works with Third-Party Control listed below:

1. Amazon Alexa: Echo, Echo Dot, Echo Show, Echo Spot...etc.
2. Google Assistant: Google Home & Mini.
3. IFTTT (App): Design your own Applets.

To view Amazon Alexa and Google Assistant setting instructions, go to device setting “...” and find the icon accordingly. (Pic. 1)







ON/OFF indicator

Setting indicator

**ON/OFF indicator:**

- Light on = Switch is ON
- Light off = Switch is OFF

(Press the RESET button manually at the side of controller box to operate ON/OFF)

**Setting indicator:**

- Light on = WiFi connected
- Light off = Offline or no power
- Light rapidly blink = Quick connect mode (default mode)
- Light slowly blink = Hotspot mode (AP mode)



## FAQ & WARRANTY

## 1. How to contact customer support?

A: Go to your device control panel and tap the “...” at the upper right corner. Find “Send Feedback” in the list to send message to Durablowl customer support. Usually reply in 24 hours. For order questions or suggestion, please email to [info@payandpack.com](mailto:info@payandpack.com)

## 2. What are the dimensions? Where to place it?

A: The controller is 6"x2.2"x1.6". Do NOT place it under / in the fireplace. At least 2 feet away from heat.

## 3. Wall-mounted? Place?

A: It can be wall-mounted with its screw-holes at both ends. Place it closer to Wi-Fi router as possible.

## 4. Any smart home thermostat models?

A: Yes, the thermostat models will be available in Q4 2018. More details, please contact us on App or email to [info@payandpack.com](mailto:info@payandpack.com)

## 5. Can this controller be paired with Z-wave hub?

A: No, this is for Wi-Fi use only. For other smart home systems, like Bluetooth, Z-wave, ZigBee...etc. are NOT supported yet, but might be available on new models.

## 6. Can this controller be used to replace traditional wall switch / remote control kit?

A: Yes! Even better, additional benefits of Timer, Schedule, working with your Amazon Echo / Google Home speaker. No more battery replacement, malfunction and downtime when low battery.

## 7. Can I share this device with others?

A: Yes, go to the device control panel and tap “...” and find Device Sharing.

## 8. Can I turn ON/OFF if no App, no phone, no network?

A: Yes. Just press the RESET button manually at the side of controller box to operate ON/OFF.



## 9. Can this device be used with variable flame gas valve?

A: No, for SH3001 model. New models with VARIABLE FLAME feature are coming soon.

## 10. Can this device be used with Solenoid gas valve?

A: Yes. Make connection in series, such as: Power (L) → Wi-Fi Controller Box → Solenoid valve → Power (N).

## 11. Device status cannot be synchronized with the status displayed on the App.

A: If the device is controlled by a manual switch, the device might not be synchronized at the same time. It is recommended that you can open the App and the device status will be updated after operating.

## 12. How to cancel the countdown?

A: Please set the countdown timer at 0 hours and 0 minutes to cancel the countdown.

- Durablow® warrants this product for a 2-YEAR LIMITED WARRANTY of the original purchaser / owner of this product. This warranty is not transferable to another person. It is for the original purchaser of the product. Durablow warrants any parts failed because of defective workmanship in production or materials from the original date of purchase. Durablow will repair or replace the defective parts at Durablow's decision.
- Replacement parts will be available at NO charges and free-shipping to users for the FIRST 2 years of this warranty. If Durablow does not have the parts for a certain model, then a replacement product will be provided.
- The Owner must provide a bill of sale, order ID or payment record which should be kept to verify purchase date and establish warranty period.
- This warranty does not cover claims. Damage to the product caused by accident, misuse, abuse, or installation error, no matter implemented by a contractor, third party Service Company, or owner, is not covered by this warranty. Any modifications of this product will void this warranty.
- Photos and simple questions may be required for further product investigation & improvement. Durablow & PayandPack will reserve the right to physically inspect the product for defects, by authorized representatives.

## USER MEMO:

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# MODEL: SH3001

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.



Federal  
Communications  
Commission