MOES
HOME, SMART MOES HOME

Instruction Manual Smart Switch

ZigBee3.0

English

WORKS WITH alexa
WORKS WITH Google Assistant

ZS-B-US1-WH-MS-CM27

- Bitte scannen Sie den QR-Code, um das deutsche Handbuch, das Installationsvideo und die Funktion-seinführung zu erhalten
- Escanee el código QR para obtener el manual en español, el video de instalación y la introducción de la función
- Veuillez scanner le code QR pour obtenir le manuel en français, la vidéo d'installation et l'introduction des fonctions
- Отсканируйте QR-код, чтобы получить руководство на русском языке, видео по установке и описание функций
- Scansionare il codice QR per ottenere il manuale in italiano, il video di installazione e la guida alle funzionalità. Video di installazione e funzionalità
- Leia o código QR para obter o manual em português, o vídeo de instalação e a introdução das funções
- Zeskanuj kod QR, aby uzyskać instrukcje, filmy instalacyjne i funkcje
- من فضلك قم بمسح رمز الاستجابة السريعه(QR-code)،للحصول على دليل المستخدم باللغة العربية وفيديو التثبيت ووصف للوظائف

请扫描二维码获取中文的说明书、安装视频及功能介绍

Product Description

(The newly designed smart switch supports the ZigBee protocol and replaces the traditional switch with function of various control modes. Now, a new function has been added to the Smart Life/Tuya APP, that is the multi-control connection with other smart switches, and the status of backlight on/off and relay. It is suitable for different decorative styles, and can provide best value for you.)

Safety Information

Risk of Electric Shock:Electricity can cause personal injury and property damage if handled improperly.If you are not sure about any part of these instructions,please seek professional assistance from a qualified electrician.

Technical Parameters:

Model: ZS-B-US
Voltage: 90-240V AC, 50/60Hz
Max. Current: 10A/Gang; Total 10A
Wireless Protocol: ZigBee 3.0
Frequency Band: 2405~2480Hz
Maximum Radio Transmit Power:<+10dBm

Warnings:

Turn off the power at the circuit breaker and test that power is off before wiring.

Installation

Note:

- Make sure that the power at the circuit breaker is off before wiring.
- Neutral Wire is required.Confirm the wall box contains a Neutral Wire(typically white).If the wall box don't have a Neutral Wire,please try another location at your home or call a professional electrician to install the switch.
- The wire colors indicated in this manual are the usual colors and may differ in some houses.
- Ensure the wire conductors are securely fastened to each wire.
- Ensure the Wi-Fi signal is steady and normally working before wiring.
- If you don't have any wiring experience,please call a professional electrician.

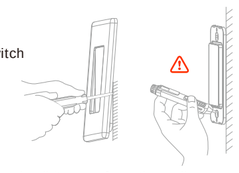
Step 1

- Turn off the circuit breaker and use the electrical tester to test the power.
- Ensure the circuit breaker is off before wiring.

Attention:
Please disconnect the power supply before installing or removing the device for avoiding irreversible damage on the device from the electric current or some unpredictable problems such as lamp flashing.

Step 2

- Remove the old switch



Step 3

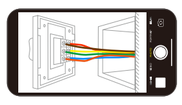
- Remove the switch and pull it away from the wall. Identify Line/Load Wire(Note:The color of your wire may be different from the color shown on the manual.)

Verify power is off

- We recommend you remove the faceplate from the old switch and use an electrical tester to test all wires connected to the switch to ensure there is no voltage in the circuit.
- You may need to turn off more than one circuit breaker.

Step 4

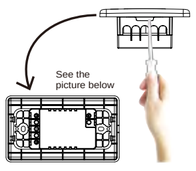
- Take pictures of the wiring



- Follow the wiring diagram to connect the switch wires to the wires in the wall box with the wire conductors.

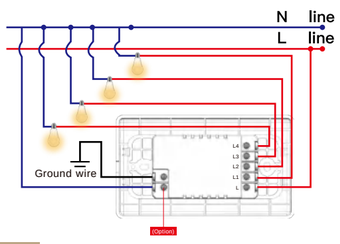
Step 5

- Remove the panel with screwdriver (Please don't install with electricity power on)



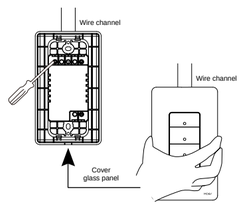
Step 6

- Prepare to install wiring
  A. Live wire connects " L " terminal
  B. Neutral wire connects " N " terminal
  C. Lamp wire connects " L1,L2,L3,L4 " terminal
  1 Gang connects "L1" terminal
  2 Gang connects "L1,L2" terminal
  3 Gang connects "L1,L2,L3" terminal
  4 Gang connects "L1,L2,L3,L4" terminal



Step 7

- Put the switch into switch box in the wall
- Mount the two side screws
- Install the glass panel (install from up above)
- Finish installation



Download the MOES APP

① Download MOES App on App store or scan the QR code

GET IT ON Google play
Download on the App Store

MOES App is upgraded as much more compatibility than Tuya Smart/Smart Life App, functional well for scene controlled by Siri, widget and scene recommendations as the fully new customized service.
(Note: Tuya Smart/Smart Life App still works, but MOES App is highly recommended)

② Registration or Log in.
- Download "MOES" Application.
- Enter the Register/Login interface; tap "Register" to create an account by entering your phone number to get verification code and "Set password". Choose "Log in" if you already have a MOES account.

How to Reset/Re-pair WiFi Device

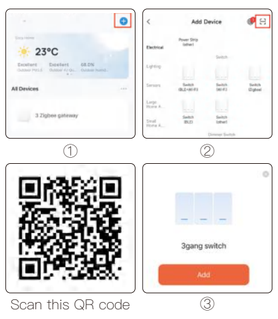
Long press the switch for 10 seconds until the indicator on the switch flashes fast and the device will start the network connection mode.

Steps for connecting the APP to the device

Ensure the device is within the effective signal coverage of your smart ZigBee gateway for successful connection into the ZigBee gateway in MOES APP.

Method One:

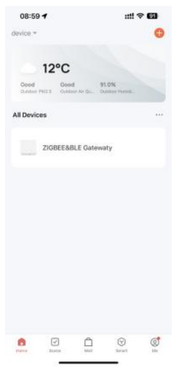
Scan the QR code to configure the network guide.
1.Make sure your MOES APP has successfully connected to a Zigbee gateway.



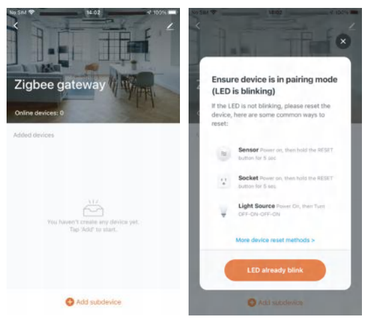
Scan this QR code

Method Two:

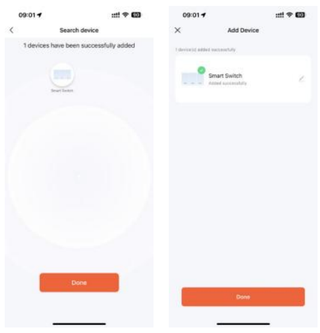
1. Make sure your MOES APP has successfully connected to a Zigbee gateway.



2.Enter the gateway.Please follow the picture below to finish as "Add subdevice→LED already blink,and the connecting will take about 10-120 secondsto complete depending on your network condition.



3.Add the device successfully, you can edit the name of the device to enter the device page by click "Done".



4.Click"Done"to enter the device page to enjoy your smart life with home automation.

How to achieve multi-control association (only for N+L wire)

Note: Please confirm you have successfully finished the link method above for adding this switch to your MOES App before the association.

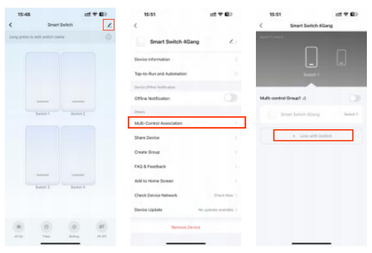
1. Add another smart switch to the same MOES App.(If there is a smart switch having been added before to the app, just go to next step.)

Note: If your switch requires a neutral wire, then there is no need to wire the new added switch to the light, only L and N are required for wiring. Then you can control 1 light with multiple switches in MOES App.

If your switch doesn't requires a neutral wire, you need to follow the wiring instructions to connect the L and light. At this point,you can control the lights simultaneously with multiple switches.

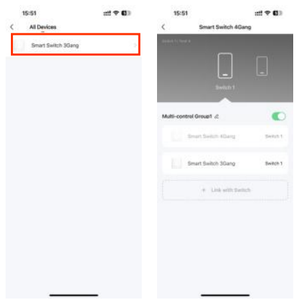
2. Then you will see two devices in the app and click the main switch (as one gang switch as below) by entering into the next operation.

3. Click ✎ in the upper right corner and choose "Multi-Control Association, and then click "+" in the right corner.



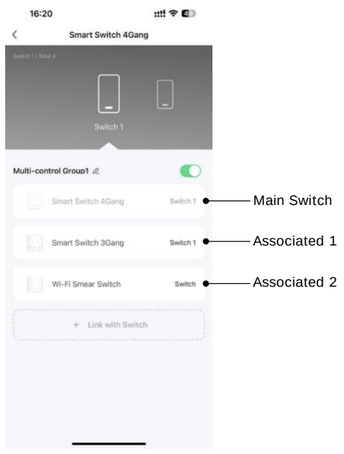
4. Choose the switch that you want to associate to and then choose the switch button that you want to control the same light. Then go back to previous page,you will see two itemsin the page,one is your main switch, the other is the one you associate just now.

Note: Please confirm the associated switch is enabled.



5. Now you are able to control your light with two switches.
Do not associate another button in the same switch for multi-control.

6. If you want to add another third or more smart switches to control your light, just repeat the steps above. And you will see the result as below when you associate another new switch.



Control your home with your voice

Devices are compatible with Amazon Alexa and Google Home supported functionalities.
Please see our step-by-step guide on:
https://www.moestech.com/blogs/news/smart-device-linked-voice-speaker

SERVICE

Thank you for your trust and support to our products, we will provide you with a two-year worry-free after-sales service (freight is not included), please do not alter this warranty service card, to safeguard your legitimate rights and interests. If you need service or have any questions, please consult the distributor or contact us.
Product quality problems occur within 24 months from the date of receipt, please prepare the product and the packaging, applying for after-sales maintenance in the site or store where you purchase; If the product is damaged due to personal reasons, a certain amount of maintenance fee shall be charged for repair.
We have the right to refuse to provide warranty service if:
1. Products with damaged appearance, missing LOGO or beyond the service term
2. Products that are disassembled, injured, privately repaired, modified or have missing parts
3. The circuit is burned or the data cable or power interface is damaged
4. Products damaged by foreign matter intrusion (including but not limited to various forms of fluid, sand, dust, soot, etc.)

RECYCLING INFORMATION

All products marked with the symbol for separate collection of waste electrical and electronic equipment (WEEE Directive 2012/19 / EU) must be disposed of separately from unsorted municipal waste.
To protect your health and the environment, this equipment must be disposed of at designated collection points for electrical and electronic equipment designated by the government or local authorities.
Correct disposal and recycling will help prevent potential negative consequences for the environment and human health. To find out where these collection points are and how they work, contact the installer or your local authority.

FCC compliance statement

FCC Compliance Statement for ZS-B-US
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.
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.
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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitte.

WARRANTY CARD

Product Information
Product Name_____
Product Type_____
Purchase date_____
Warranty Period_____
Dealer Information_____
Customer's Name_____
Customer Phone_____
Customer Address_____
_____

Maintenance Records

Failure date	Cause Of Issue	Fault Content	Principal

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Made In China

Manufacturer:
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Address: Power Science and Technology Innovation Center, NO.238, Wei 11 Road, Yueqing Economic Development Zone, Yueqing, Zhejiang, China
Tel: +86-577-57186815
After-sale Service: service@moeshouse.com

CM27

葡萄牙语

Descrição do produto

(Português)

Instalação

Nota:

- Certificar-se de que a energia no disjuntor está desligada antes da cablagem.
- Confirme que a caixa de parede contém um Fio Neutro (tipicamente branco). Se a caixa de parede não tiver um Fio Neutro, tente outro local na sua casa ou chame um electricista profissional para instalar o interruptor.
- As cores de arame indicadas neste manual são as cores habituais e podem diferir em algumas casas.
- Assegure-se de que os condutores de arame estão fixados com segurança a cada fio.
- Certifique-se de que o sinal Wi-Fi está estável e normalmente a funcionar antes da cablagem.
- Se não tiver qualquer experiência de cablagem, por favor contacte um electricista profissional.

Descrição do produto

(O interrutor inteligente recentemente concebido suporta o protocolo ZigBee e substitui o interrutor tradicional com a função de vários modos de controlo. Agora, foi adicionada uma nova função à APP Smart Life/Tuya, que é a ligação multi-controlo com outros interruptores inteligentes e o estado da luz de fundo ligada/desligada e do relé. É adequado para diferentes estilos decorativos e pode proporcionar o melhor valor para si).

Informações de segurança

Risco de choque elétrico:A eletricidade pode causar ferimentos pessoais e danos materiais se for manuseada incorretamente. Se não tiver a certeza sobre qualquer parte destas instruções, procure assistência profissional de um eletricista qualificado.

Parâmetros técnicos:

Modelo: ZS-B-US
Tensão: 90-240V AC, 50/60Hz
Corrente máx. Corrente: 10A/Gang; Total 10A
Protocolo sem fios: ZigBee 3.0
Banda de frequência: 2405~2480Hz
Potência máxima de transmissão de rádio: <+10dBm

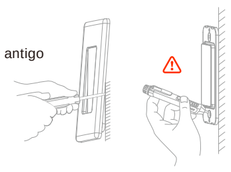
Passo 1

- Desligar o disjuntor e utilizar o testador eléctrico para testar a energia.
- Certifique-se de que o disjuntor está desligado antes da cablagem.

Atenção:
É favor desligar a fonte de alimentação antes de instalar ou remover o dispositivo para evitar danos irreversíveis no dispositivo devido à corrente eléctrica ou alguns problemas imprevisíveis, tais como intermitência da lâmpada.

Passo 2

- Retirar o interruptor antigo



Passo 3

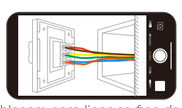
- Remover o interruptor e puxá-lo para longe da parede. Identificar Linha/Cabos (Nota:A cor do seu fio pode ser diferente da cor mostrada no manual).

Verificar se a energia está desligada

- Recomendamos que remova a placa frontal do interruptor antigo e utilize um testador eléctrico para testar todos os fios ligados ao interruptor para garantir que não há tensão no circuito.
- Pode ser necessário desligar mais do que um disjuntor.

Passo 4

- Tirar fotografias da cablagem



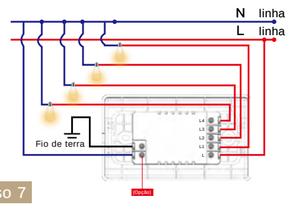
- Seguir o diagrama de cablagem para ligar os fios do interruptor aos fios da caixa de parede com os condutores dos fios.

Passo 5

- Retirar o painel com chave de fendas (Por favor, não instale com energia eléctrica ligada)

Passo 6

- Preparar para instalar a cablagem
  A. Fio vivo liga " L " terminal
  B. O fio neutro liga o terminal " N ".
  C. O fio da lâmpada liga " L1,L2,L3,L4 " terminal
  1 Gangue liga o terminal "L1"
  2 Gangues ligam o terminal "L1,L2"
  3 Gangue liga o terminal "L1,L2,L3"
  4 Gang liga o terminal "L1,L2,L3,L4"



Passo 7

- Colocar o interruptor na caixa de interruptores na parede
- Montar os dois parafusos laterais
- Instalar o painel de vidro (instalar de cima para baixo)
- Instalação de acabamento

Descarregar o APP MOES

① Descarregar a aplicação MOES na App Store ou digitalizar o código QR

GET IT ON Google play
Download on the App Store

MOES App é actualizado com muito mais compatibilidade do que o Tuya Smart/Smart Life App, funcionando bem para a cena controlada por Siri, widget e recomendações de cena como o serviço totalmente novo personalizado.
(Nota: Tuya Smart/Smart Life App ainda funciona, mas MOES App é altamente recomendado)

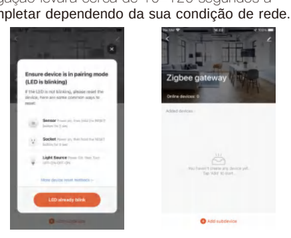
② Registo ou Entrar.
- Descarregar a aplicação "MOES".
- Introduza a interface Registo/Login; toque em "Registar" para criar uma conta, introduzindo o seu número de telefone para obter o código de verificação e "Definir palavra-passe". Escolha "Entrar" se já tiver uma conta MOES.

Como reiniciar/reparar o dispositivo WiFi

Carregar durante 10 segundos no interruptor até o indicador azul no interruptor piscar rapidamente e o dispositivo iniciar o modo de ligação à rede.

Passos para a ligação do APP ao dispositivo

1. Certifique-se de que o seu APP MOES se ligou com sucesso a um portal Zigbee.
2. Prima e mantenha premido o botão durante cerca de 7 segundos,até que o indicador no interruptor flash seja ligado rapidamente após 3 segundos. A reparação é bem sucedida.
3. Introduzir o portal.Por favor siga a imagem abaixo para finish como "Adicione subdevice→LED já piscar,e a ligação levará cerca de 10-120 segundos a completar dependendo da sua condição de rede.



4.Adicionar o dispositivo com sucesso, pode editar o nome do dispositivo para entrar na página do dispositivo clicando em "Feito".
5.Clique em "Feito" para entrar na página do dispositivo para desfrutar da sua vida inteligente com a automação doméstica.

西班牙语

Descripción del producto

(Español)

Instalación

Nota:

- Asegúrese de que la alimentación del disyuntor esté desconectada antes de proceder al cableado.
- Si la caja de la pared no tiene un cable neutro, pruebe en otro lugar de su casa o llame a un electricista profesional para instalar el interruptor.
- Los colores de los cables indicados en este manual son los habituales y pueden diferir en algunas casas.
- Asegúrese de que los conductores de cada cable están bien sujetos.
- Asegúrese de que la señal Wi-Fi es estable y funciona normalmente antes de realizar el cableado.
- Si no tiene experiencia en cableado, llame a un electricista profesional.

Descripción del producto

(El interruptor inteligente de nuevo diseño es compatible con el protocolo ZigBee y sustituye al interruptor tradicional con función de varios modos de control. Ahora, una nueva función se ha añadido a la vida inteligente / Tuya APP, que es la conexión multi-control con otros interruptores inteligentes, y el estado de la luz de fondo encendido / apagado y relé. Es adecuado para diferentes estilos decorativos, y puede proporcionar el mejor valor para usted).

Información de seguridad

Riesgo de descarga eléctrica:La electricidad puede causar lesiones personales y daños materiales si se manipula de forma inadecuada.Si no está seguro de alguna parte de estas instrucciones,solicite asistencia profesional a un electricista cualificado.

Parámetros técnicos:

Modelo: ZS-B-US
Tensión: 90-240 V CA, 50/60 Hz
Max. Corriente: 10A/Gang; Total 10A
Protocolo inalámbrico: ZigBee 3.0
Banda de frecuencia: 2405~2480Hz
Potencia máxima de transmisión de radio: <+10dBm

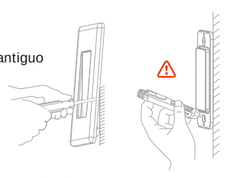
Paso 1

- Desconecte el disyuntor y utilice el comprobador eléctrico para comprobar la alimentación.
- Asegúrese de que el disyuntor esté desconectado antes de proceder al cableado.

Atención:
Por favor, desconecte la fuente de alimentación antes de instalar o retirar el dispositivo para evitar daños irreversibles en el dispositivo por la corriente eléctrica o algunos problemas impredecibles como el parpadeo de la lámpara.

Paso 2

- Retire el interruptor antiguo



Paso 3

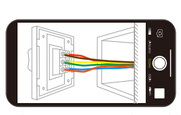
- Retire el interruptor y sepárelo de la pared. Identifique el cable de línea/carga(Nota:El color de su cable puede ser diferente del color que aparece en el manual).

Compruebe que la alimentación está desconectada

- Le recomendamos que retire la placa frontal del interruptor antiguo y utilice un comprobador eléctrico para comprobar todos los cables conectados al interruptor y asegurarse de que no hay tensión en el circuito.
- Es posible que tenga que desconectar más de un disyuntor.

Paso 4

- Haz fotos del cableado



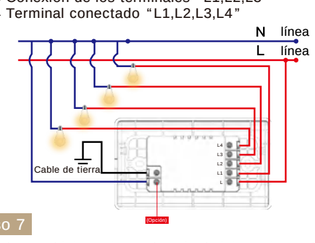
- Siga el diagrama de cableado para conectar los cables del interruptor a los cables de la caja de pared con los conductores de alambre.

Paso 5

- Retire el panel con un destornillador (Por favor, no instale con la electricidad encendida)

Paso 6

- Prepárese para instalar el cableado
  A. El cable en tensión se conecta al terminal "L"
  B. El cable neutro se conecta al terminal "N"
  C. El cable de la lámpara se conecta al terminal "L1,L2,L3,L4"
  1 Conexión al terminal "L1"
  2 Conexión de los terminales "L1,L2"
  3 Conexión de los terminales "L1,L2,L3"
  4 Terminal conectado "L1,L2,L3,L4"



Paso 7

- Coloque el interruptor en la caja de interruptores de la pared
- Monte los dos tornillos laterales
- Instale el panel de cristal (instálelo desde arriba)
  Termine la instalación

Descargar la APP MOES

① Descarga la aplicación MOES en App store o escanea el código QR

GET IT ON Google play
Download on the App Store

MOES App se actualiza como mucho más compatibilidad que Tuya Smart / Smart Life App, funcional bien para la escena controlada por Siri, widget y recomendaciones de escena como el servicio personalizado totalmente nuevo.
(Nota: Tuya Smart/Smart Life App sigue funcionando, pero MOES App es muy recomendable).

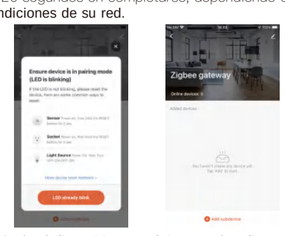
② Registrarse o Iniciar sesión.
- Descargar la aplicación "MOES".
- Acceda a la interfaz Registro/Inicio de sesión; pulse "Registro" para crear una cuenta introduciendo su número de teléfono para obtener el código de verificación y "Establecer contraseña". Elige "Iniciar sesión" si ya tienes una cuenta MOES.

Cómo restablecer/reemparejar el dispositivo WiFi

Mantenga pulsado el interruptor durante 10 segundos hasta que el indicador azul del interruptor parpadee rápidamente y el dispositivo inicie el modo de conexión a la red.

Pasos para conectar la APP al dispositivo

1. Asegúrese de que su APP MOES se ha conectado con éxito a el zigbee hub.
2. Mantenga pulsado el botón durante unos 7 segundos, hasta que el indicador del interruptor flash rápido después de 3 segundos. La reparación es exitosa.
3. Ingrese la puerta de enlace, por favor, siga la imagen de abajo para finalizar, ya que el LED "Add subdevice" ya parpadea, y la conexión tardará entre 10 y 120 segundos en completarse, dependiendo de las condiciones de su red.



4.Añada el dispositivo con éxito, puede editar el nombre del dispositivo para entrar en la página del dispositivo haciendo clic en "Done".
5.Haga clic en "Done" para entrar en la página del dispositivo y disfrutar de su vida inteligente con la automatización del hogar.