User Guide

Kasa Smart Wi-Fi Outlet

KP200

Contents

About This Guide

This guide provides a brief introduction to smart outlet and the Kasa Smart app, as well as regulatory information.

Features available of this product and in Kasa Smart may vary by model and software version. Smart outlet and Kasa Smart availability may also vary by region. All images, steps, and descriptions in this guide are only examples and may not reflect your actual experience.

Conventions

In this guide, the following convention is used:

Convention	Description
Teal	Key information appears in teal, including management page text such as menus, items, buttons and so on.
Underline	Hyperlinks are in teal and underlined. You can click to redirect to a website.

More Info

• Specifications can be found on the product page at https://www.tp-link.com.

• Our Technical Support and troubleshooting information can be found at https://www.tp-link.com/support.

Introduction

Everything you enjoy about smart outlets, now in a discreet in-wall smart power outlet. Revamp your living spaces and experience a new way to control your home. Turn each outlet on/off individually, set schedules, and even use simple voice commands with Alexa and Google Assistant to control your devices. The Kasa app provides easy step-by-step installation instructions and convenient remote control from anywhere.

Individual Control   **Remote Control**   **Tamper Resistant**   **Set Schedules**   **Away Mode**

- **Individual Control** - Let you individually control devices plugged into the outlet from anywhere.

- **Remote Control** - Turn your outlet on/off or set schedules from anywhere using your Kasa Smart app.

- **Tamper Resistant** - Built-in safety shutters prevent childhood shock by blocking foreign objects insertion.

- **Set Schedules** - Individually schedule each device connected to your outlet to automatically switch on/off at set times.

- **Away Mode** - For better security, set your outlet to randomly turn on/off a lamp, to make your home appear occupied when you're away.

Max Load

Input: 125V~, 60Hz, 15A

Output: 15A maximum load in total
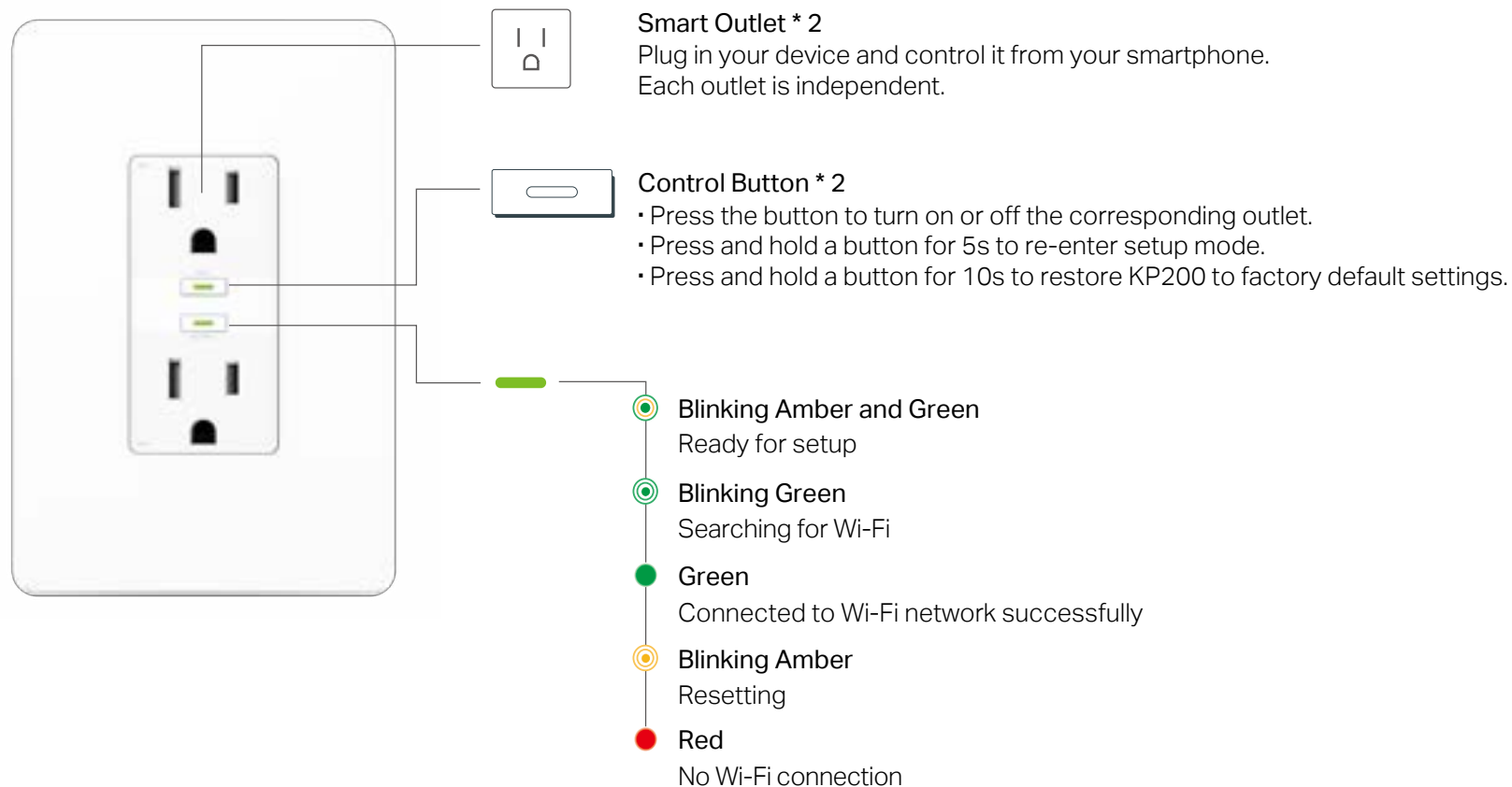
       15 A resistive load / general purpose use

       1.96 A incandescent

       1/2 HP motor

Appearance

Smart Wi-Fi Outlet has 2 individual smart outlets, with control buttons to turn on/off devices plugged in. The System LED changes color according to its status. See the explanation below:

Smart Outlet * 2
Plug in your device and control it from your smartphone.
Each outlet is independent.

Control Button * 2
· Press the button to turn on or off the corresponding outlet.
· Press and hold a button for 5s to re-enter setup mode.
· Press and hold a button for 10s to restore KP200 to factory default settings.

Blinking Amber and Green
Ready for setup

Blinking Green
Searching for Wi-Fi

Green
Connected to Wi-Fi network successfully

Blinking Amber
Resetting

Red
No Wi-Fi connection

Set Up Your Smart Outlet

Follow the steps below to set up your Smart Outlet via Kasa Smart app.

1. Download and install Kasa app

Get the Kasa Smart app from the App Store or Google Play, or by scanning the QR code below.

2. Log in or sign up with TP-Link ID

Open the app, and log in with your TP-Link ID. If you don't have an account, create one first.
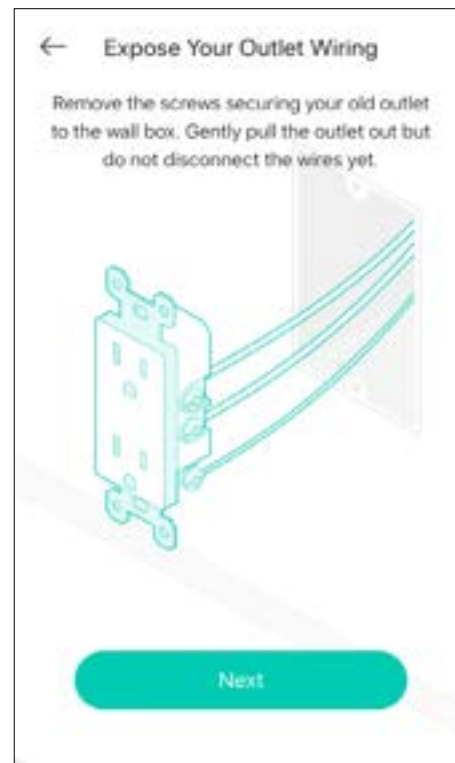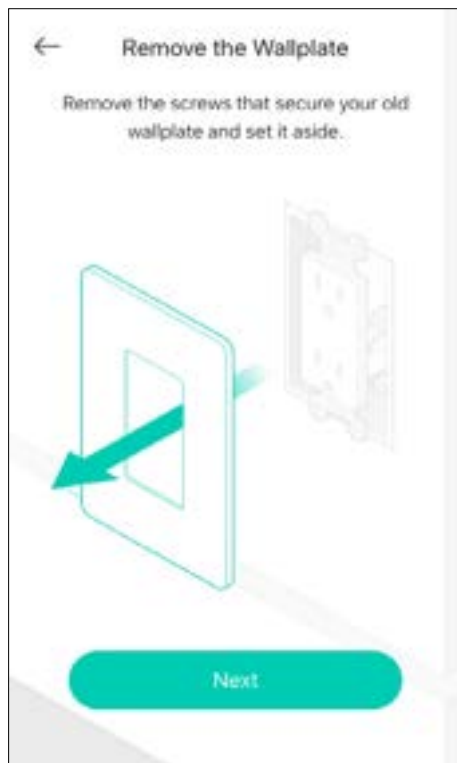
3. Add Device

Tap the + button in the Kasa app, go to Smart Plug > Smart Outlet and then follow app instructions to install and complete the setup.

4. Wire Your Smart Outlet

1) Turn off Power. Then remove the old wallplate and expose the outlet wiring.

2) Choose Type 1 to continue.

Remove the Wallplate

Remove the screws that secure your old wallplate and set it aside.

Next

Expose Your Outlet Wiring

Remove the screws securing your old outlet to the wall box. Gently pull the outlet out but do not disconnect the wires yet.

Next

Choose Smart Outlet Type

Which does your Smart Outlet look like?

Type 1

Type 2

3) Identify the Ground, Line, and Neutral wires.

4) Disconnect the wires.

← Do You Have a Ground Wire?

The ground wire is normally green or copper and usually connected to the outlet by a green screw.

Yes

No

← Identify Line and Neutral Wires

At least one black wire and one white wire should be connected to your old outlet. If you have additional or different colors, alternative wiring steps may be necessary.

Next

← Disconnect the Wires

Disconnect all of the wires from the old outlet, making sure not to remove any of the wire labels.

Next

5) Connect the wires to the terminals of your Smart Outlet. Double check to make sure all wires are correct.
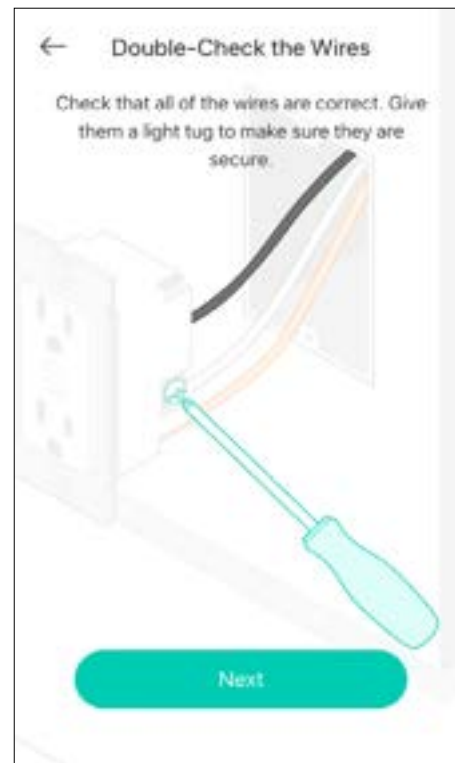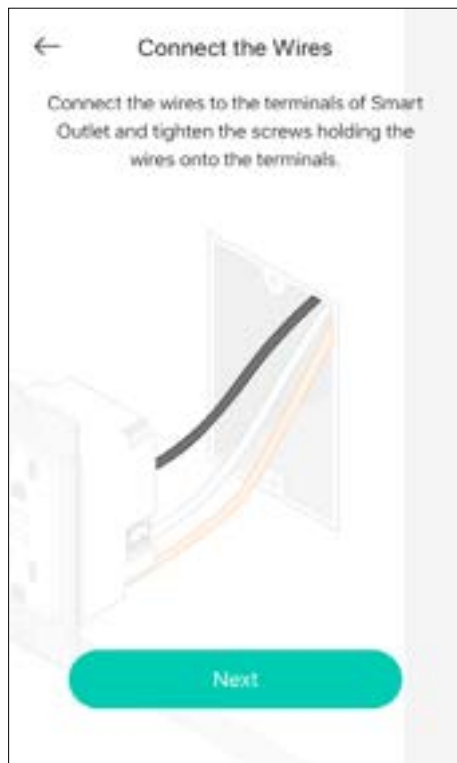
6) Gently fold all of the wires back into the wallbox. Secure the Smart Outlet with provided screws.

← Connect the Wires

Connect the wires to the terminals of Smart Outlet and tighten the screws holding the wires onto the terminals.

Next

← Double-Check the Wires

Check that all of the wires are correct. Give them a light tug to make sure they are secure.

Next

← Install Smart Outlet

Gently fold all of the wires back into the wallbox. Secure Smart Outlet with the screws provided.

Next

Notice: For the sake of safety, the naked part of the wire should not be too long. Wires extending out the Smart Outlet should have sufficient insulation.

7) Turn on power and check if the Wi-Fi LED of the Smart Outlet is on.

5. Complete Setup

Tap Connect to Wi-Fi and follow app instructions to connect the Smart Outlet to Wi-Fi.

Main Device Controls

After you successfully set up your Smart Outlet, you will see the home page of the Kasa Smart app. Here you can view and manage all devices that you've added to Kasa. The two outlets are listed in the home page. Tap each of the outlets to control and manage them individually.

Home Page

You can see all your Kasa devices listed in the Home page.

Turn on/off the outlet

Turn on/off your each outlet quickly by tapping the switch in the Home page. Tapping the device to enter its status page, you can also check or change its status.
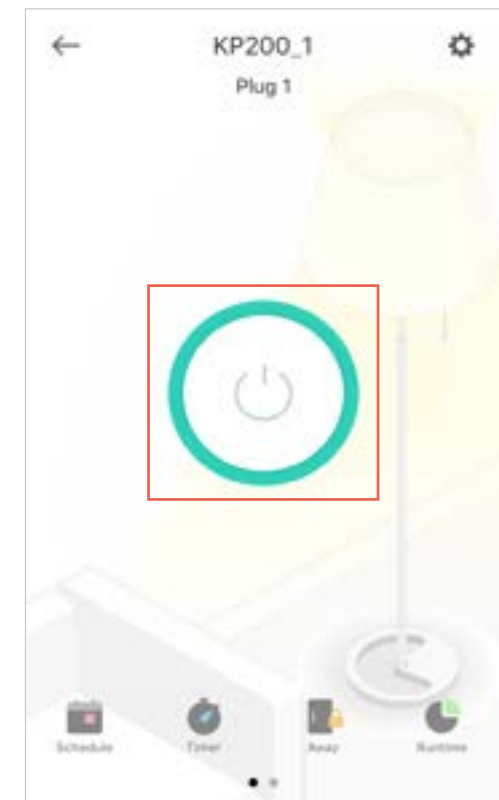
Set Schedules

Schedule: Set schedules to automatically turn on/off the devices connected to your Smart Outlet according to your daily routine.

1. Tap either outlet in the Home page, and then Tap .
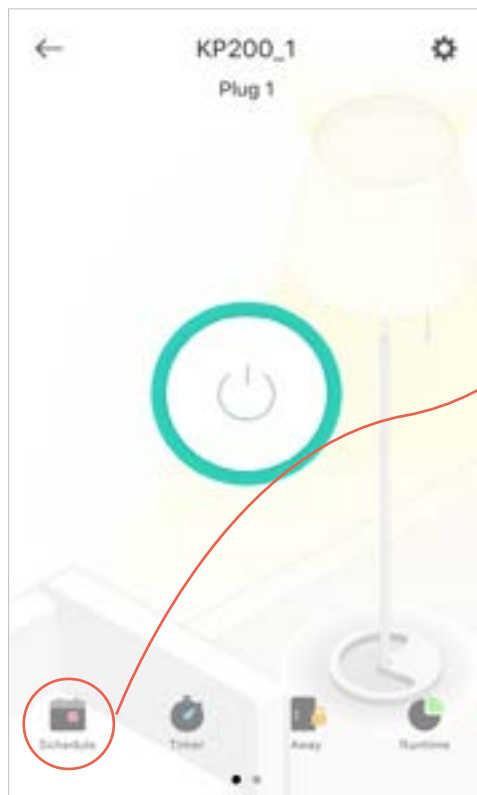
2. Tap + on the top right corner.
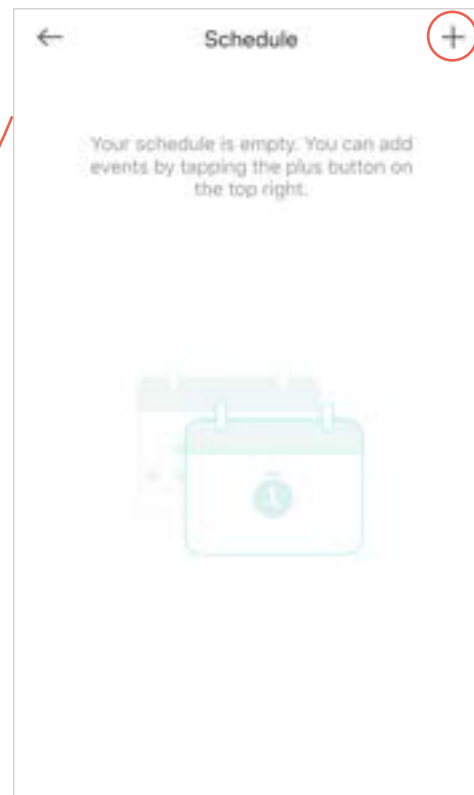
2. Set a schedule to turn the connected device on or off.

E.g. I want to turn on the plugged-in living room light at 10:00 PM every day.
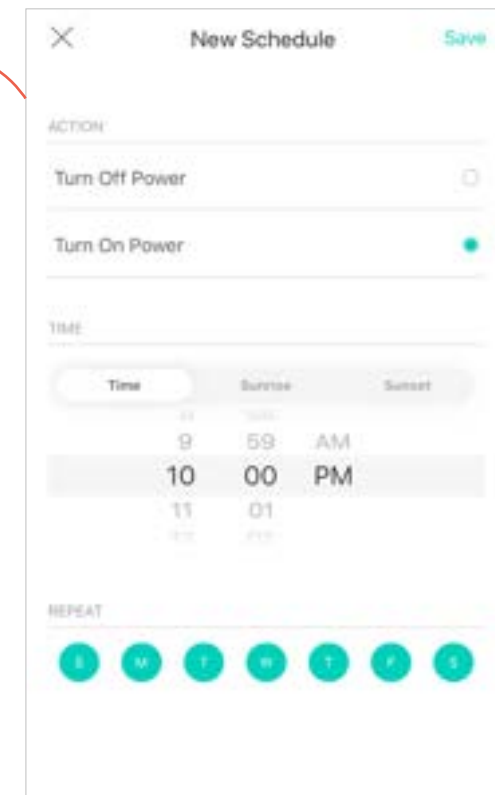
4. You can also choose to turn on/off the outlet simply at Sunrise or Sunset.

*The Sunrise and Sunset times are based on your location.
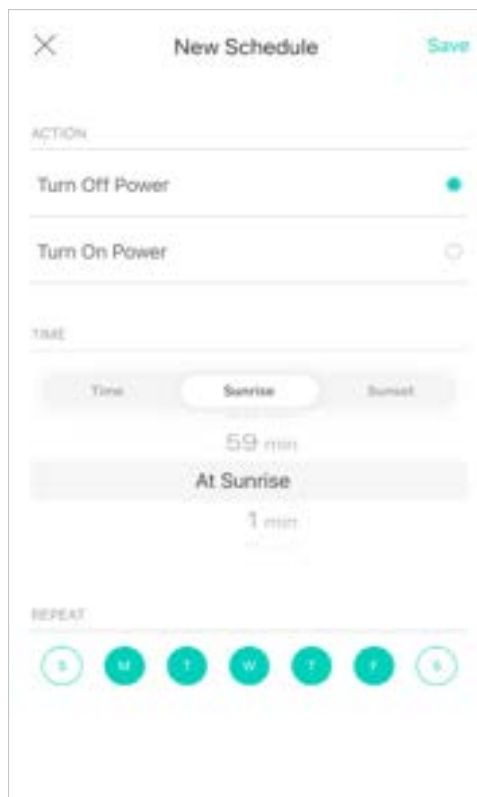
5. Tap Save and you'll see your schedule listed in the Schedule Page. You can turn on or off the schedule at any time or add more schedules following the same steps.

Set Timer

Timer: Set the timer for the connected devices to automatically turn on/off after the specified time.

1. Tap either outlet in the Home page, and then tap ⏱ .
Timer
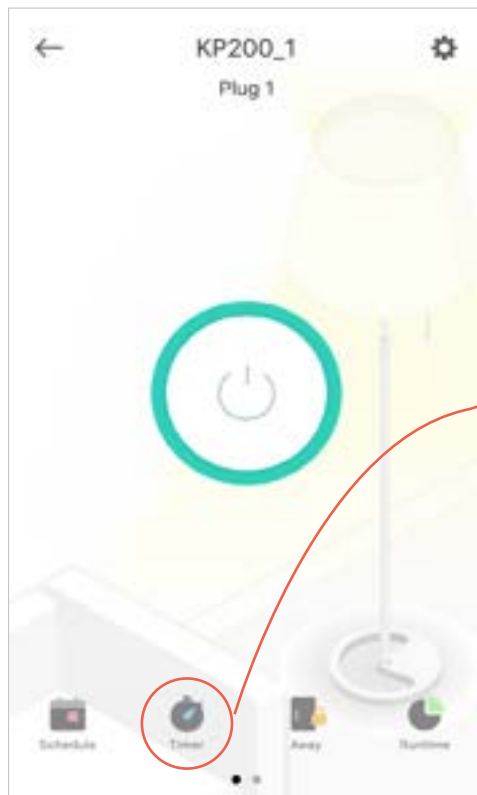
2. Set the time after which the connected device will be automatically turned on/off.

E.g. whenever I turn on the living room light, I want it to turn off automatically after 30 minutes.
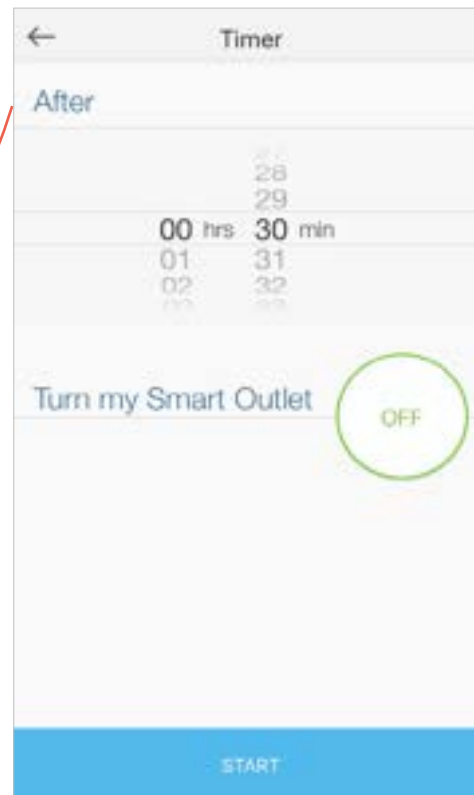
2. Tap START and you'll see the timer starts counting down. Tap STOP to stop the Timer at any time.

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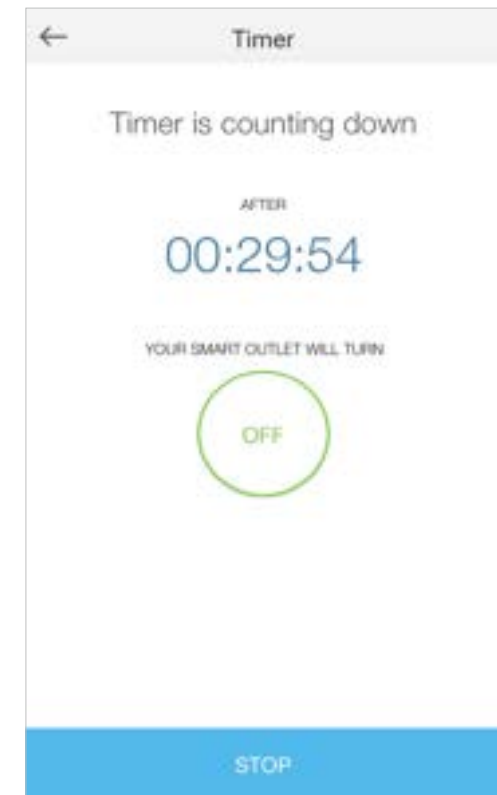
Set Away Mode

Away Mode: Set Away Mode for the connected devices to turn on/off automatically at random intervals while you are away to make the appearance that someone is at home.

1. Tap either outlet in the Home page, and then tap [icon] .
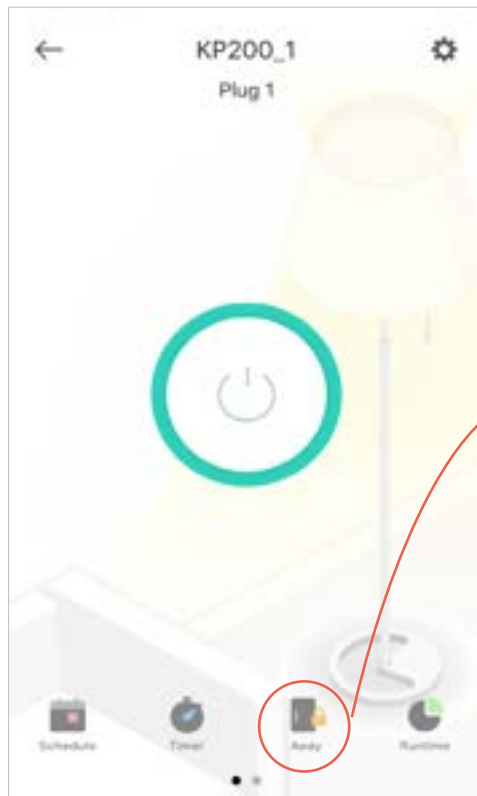
2. Set the start and end time during which the connected devices will be automatically turned on and off at random intervals, then choose the repeating frequency.

Note: The start and end time must be on the same day.

E.g. I want my living room light to turn on/off from 6:00 PM to 11:59 PM every Friday, Saturday and Sunday.
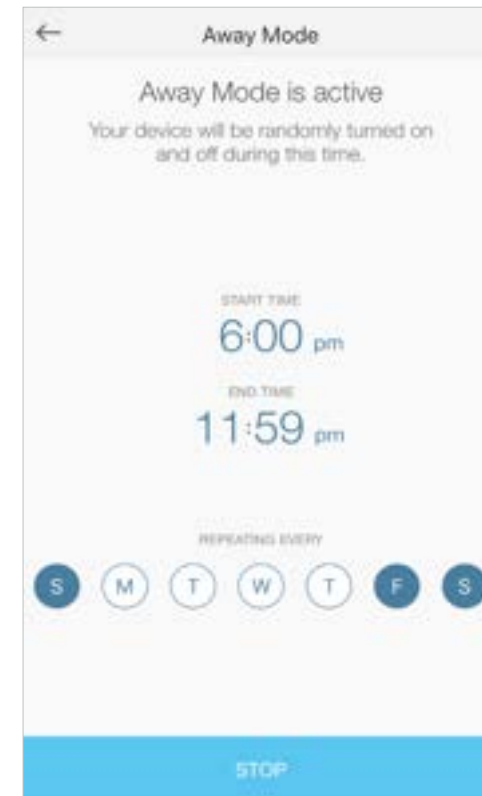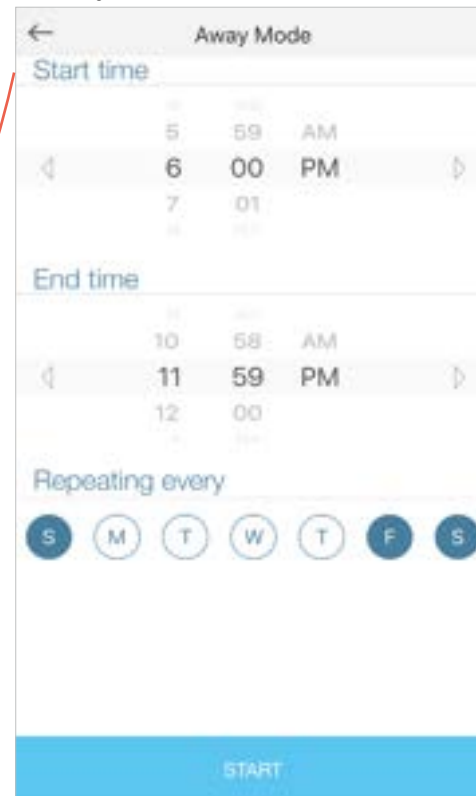
Check Runtime

Runtime: Check runtime to keep track of how long either outlet of your Smart Outlet has been working.

1. Tap either outlet in the Home page, and then tap .

2. Check the runtime for today, the past 7 days, or the past 30 days.
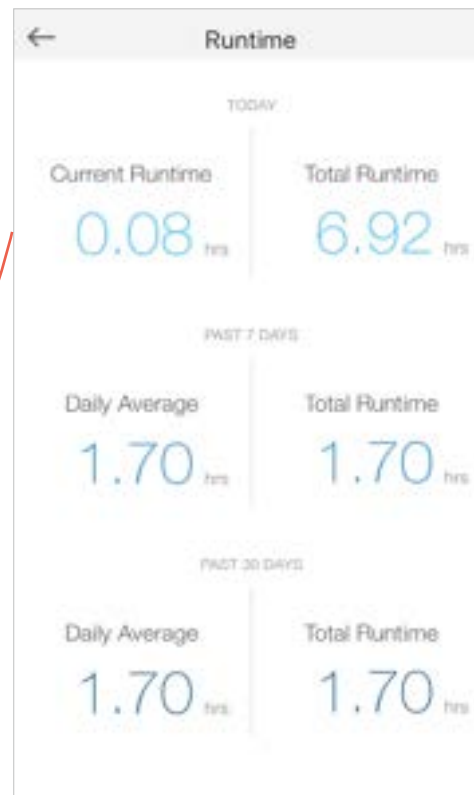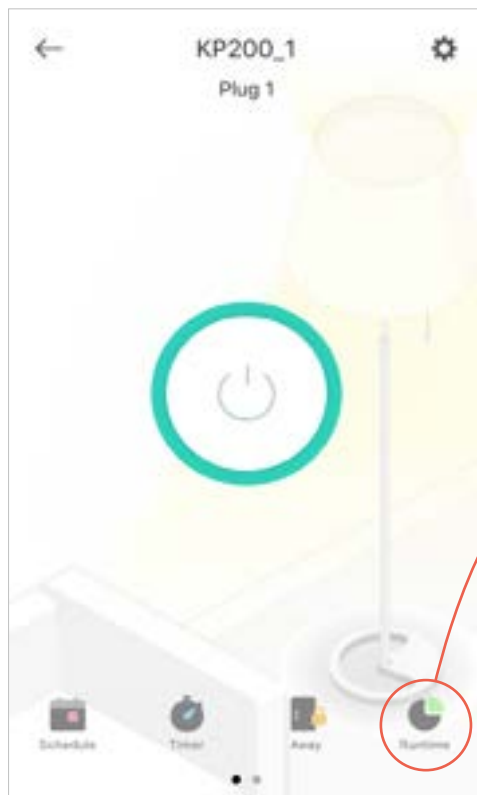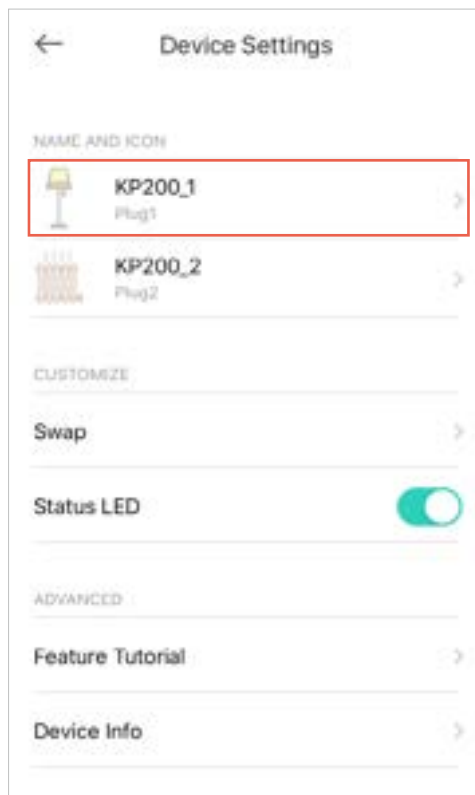
Manage Device Settings

1. Tap either outlet in the Home page and then tap ⚙ .

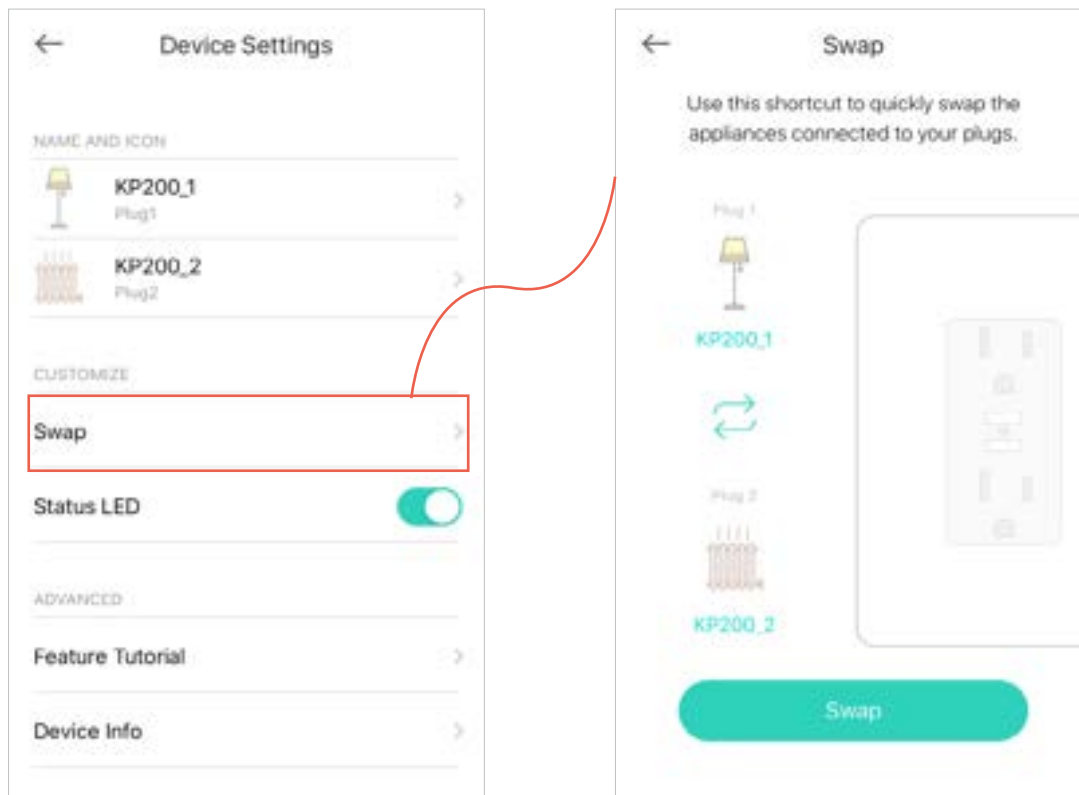2. Here you can customize settings of each outlet of your Smart Outlet.
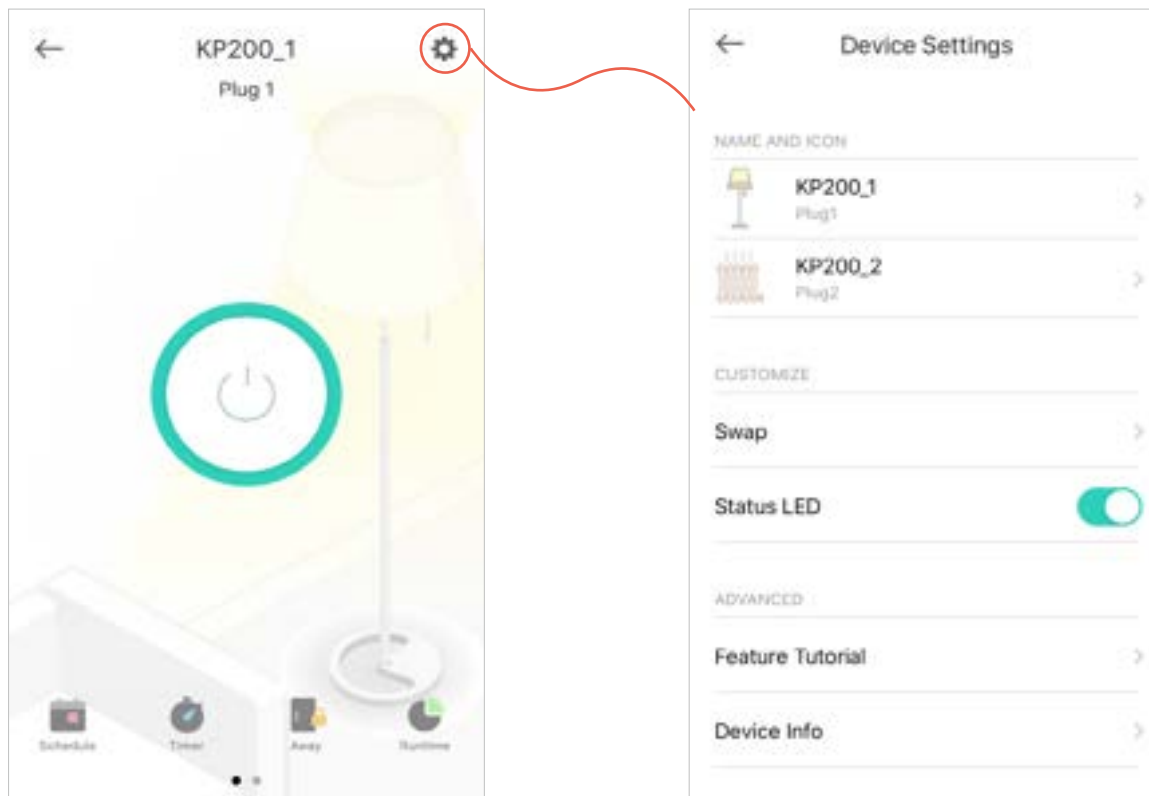
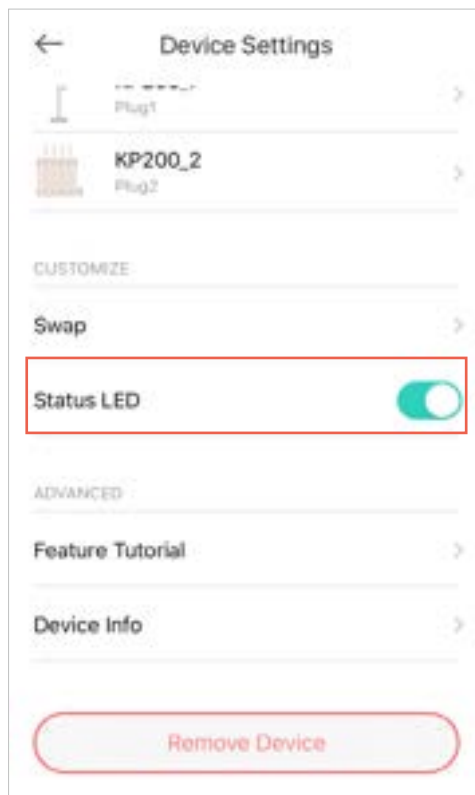# 1. Change name and icon

Tap either outlet to change its name and icon.

2. Swap between the two outlets

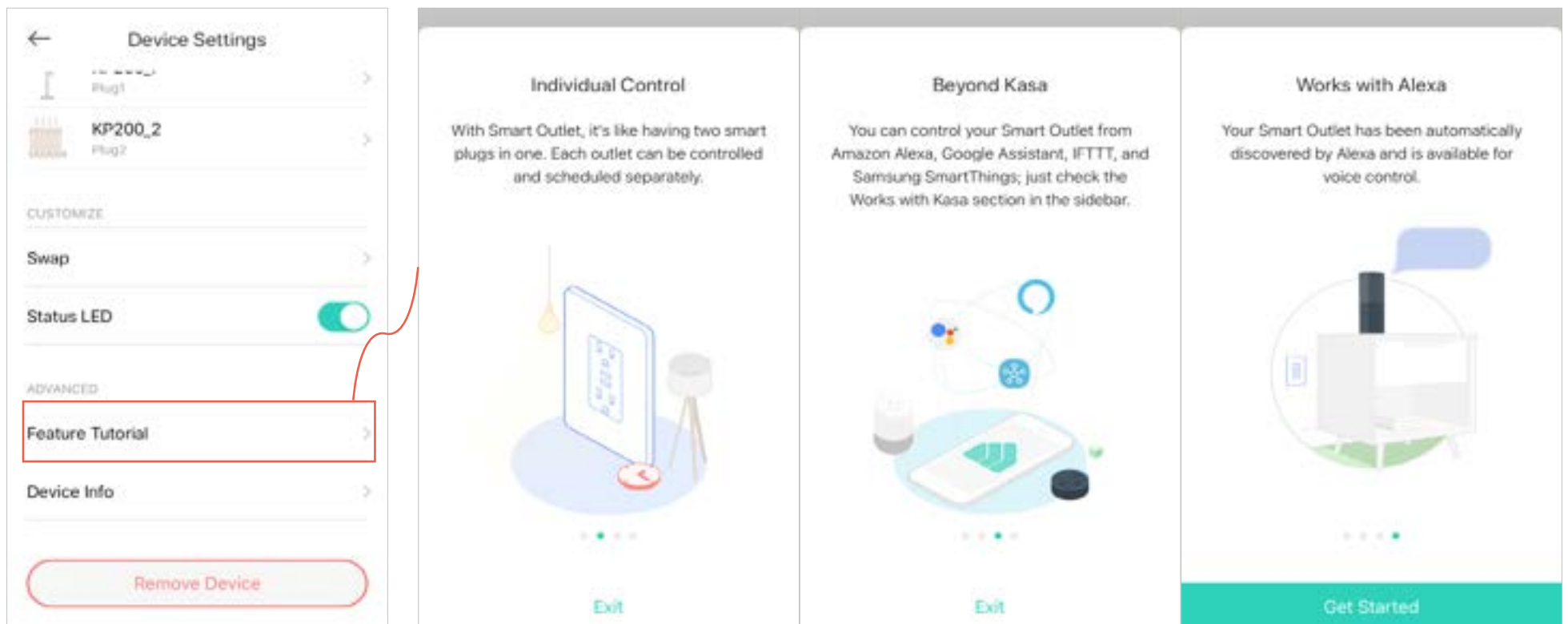Tap Swap to quickly swap the appliances connected to the two outlets of your device.

3. Turn on/off status LED

Status LED is on by default. If you turn it off, the LED won't illuminate.

4. Check feature tutorial

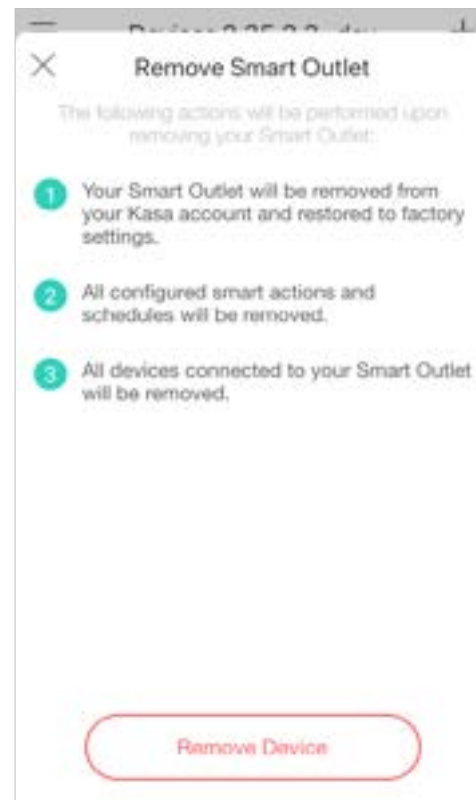Tap Feature Tutorial to check the advanced features of your Smart Outlet.

Reset Your Smart Outlet

There are three methods to reset your Smart Outlet.

Method 1

Swipe left either outlet of your device and tap Delete. Then tap Remove Device. Your Smart Outlet will be removed from your Kasa account and restored to factory settings.

Method 2

Tap either outlet of your device and go to the Devices Settings page. Then tap Remove Device in the bottom. Your Smart Outlet will be removed from your Kasa account and restored to factory settings.
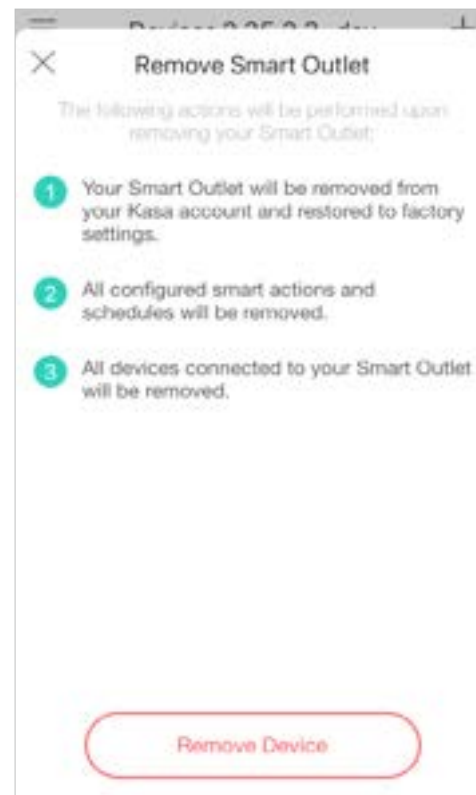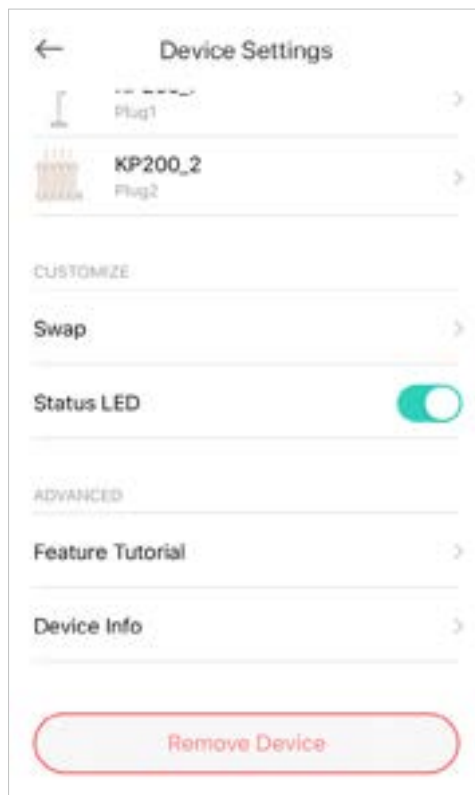
Method 3

Press and hold the either of the control buttons of your Smart Outlet for 10s to restore it to factory default settings.

Press and hold for 5s will reset its Wi-Fi connection while keeping previous configurations.
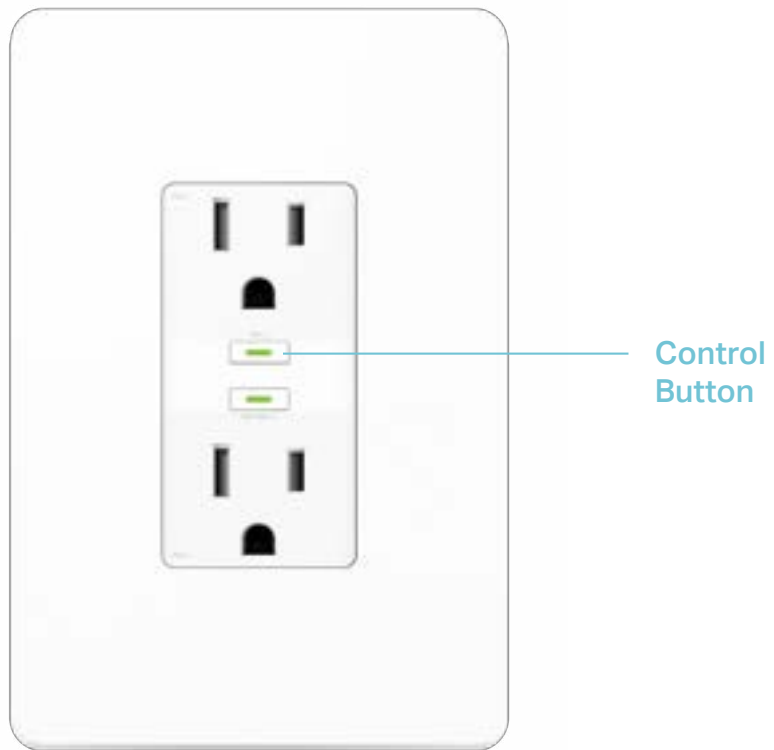
Control
Button

Create Groups

With groups, you can control multiple devices simultaneously. This page allows you to add the outlets of your device and/or your other Kasa smart devices to a group for unified management.
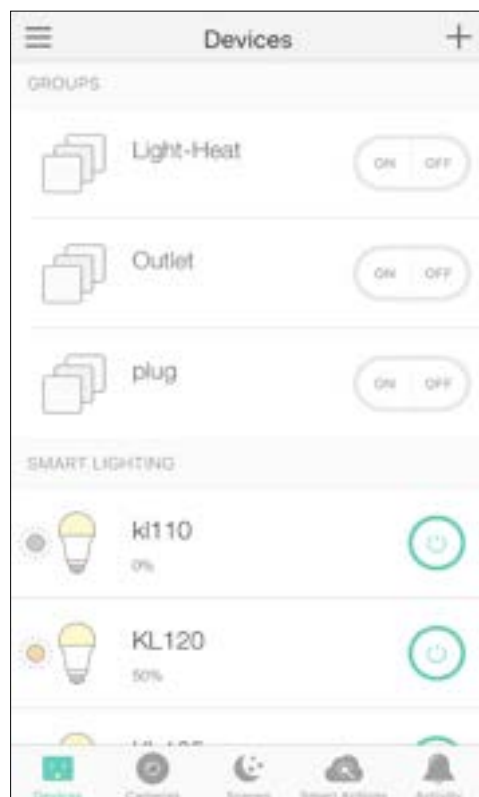
1. Create a group

1. Tap the ⊕ button in the Home page of the Kasa Smart app, and select Group.

2. Select the outlets of your device and tap Save.

3. Name the group.
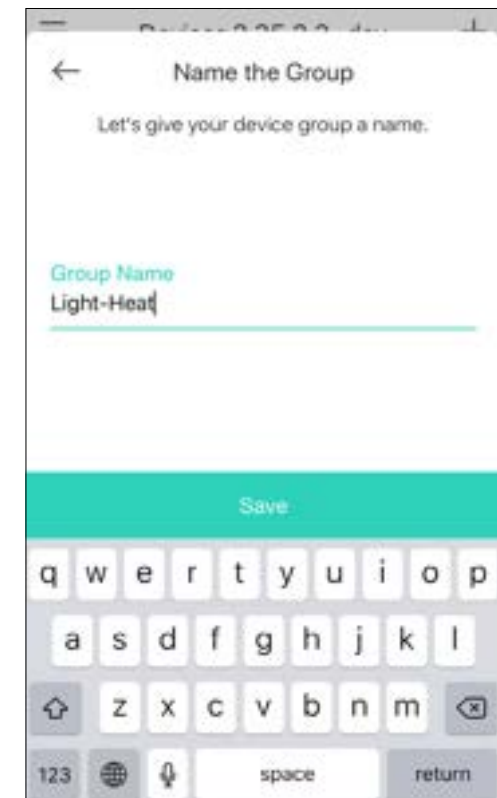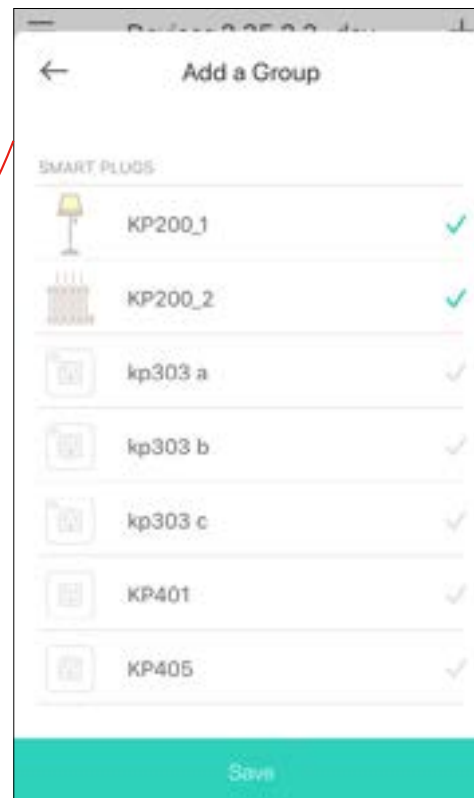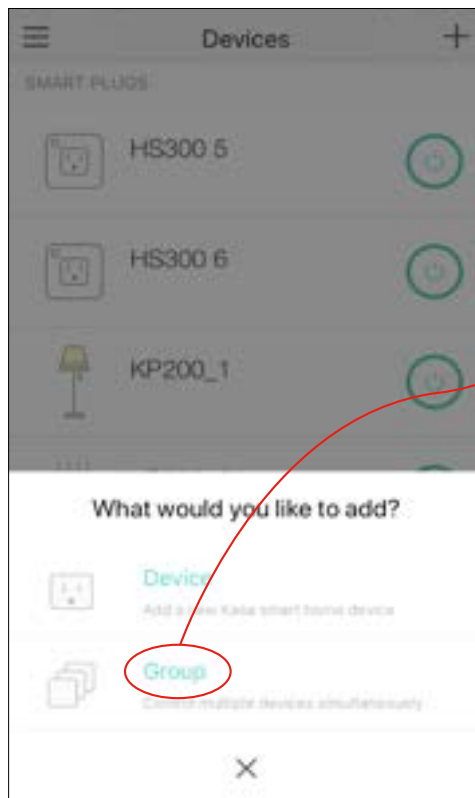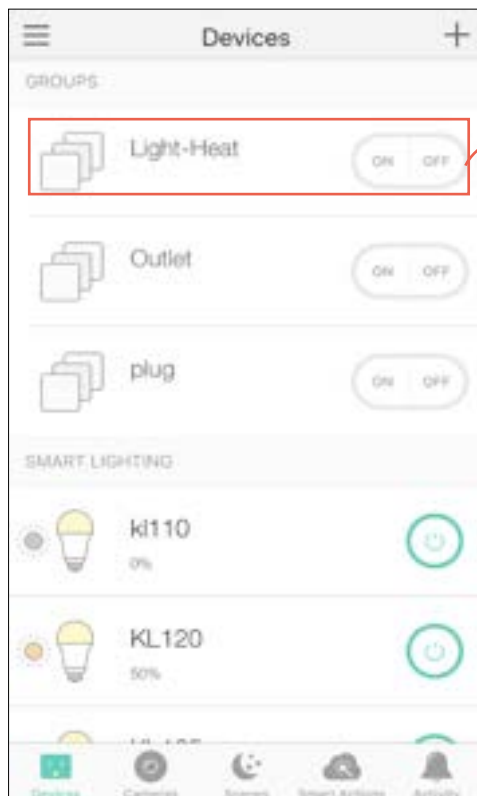
4. The created group is listed in the Home page. You can tap ON or OFF to turn on or off the devices together in the group.
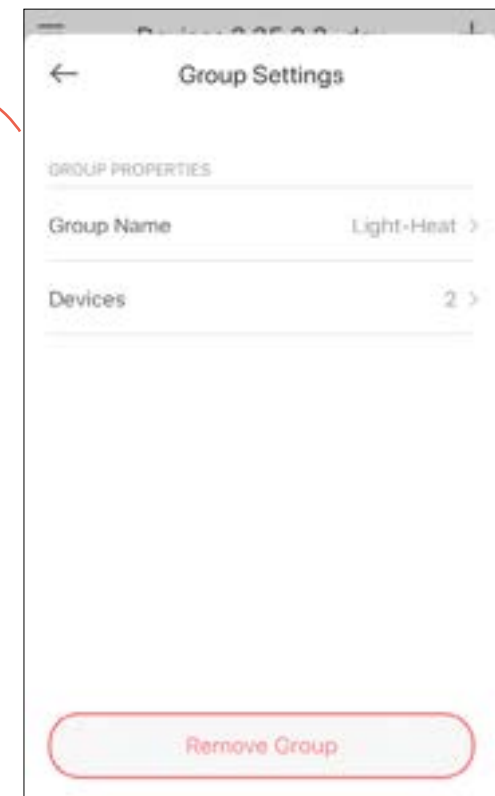
2. Manage the group
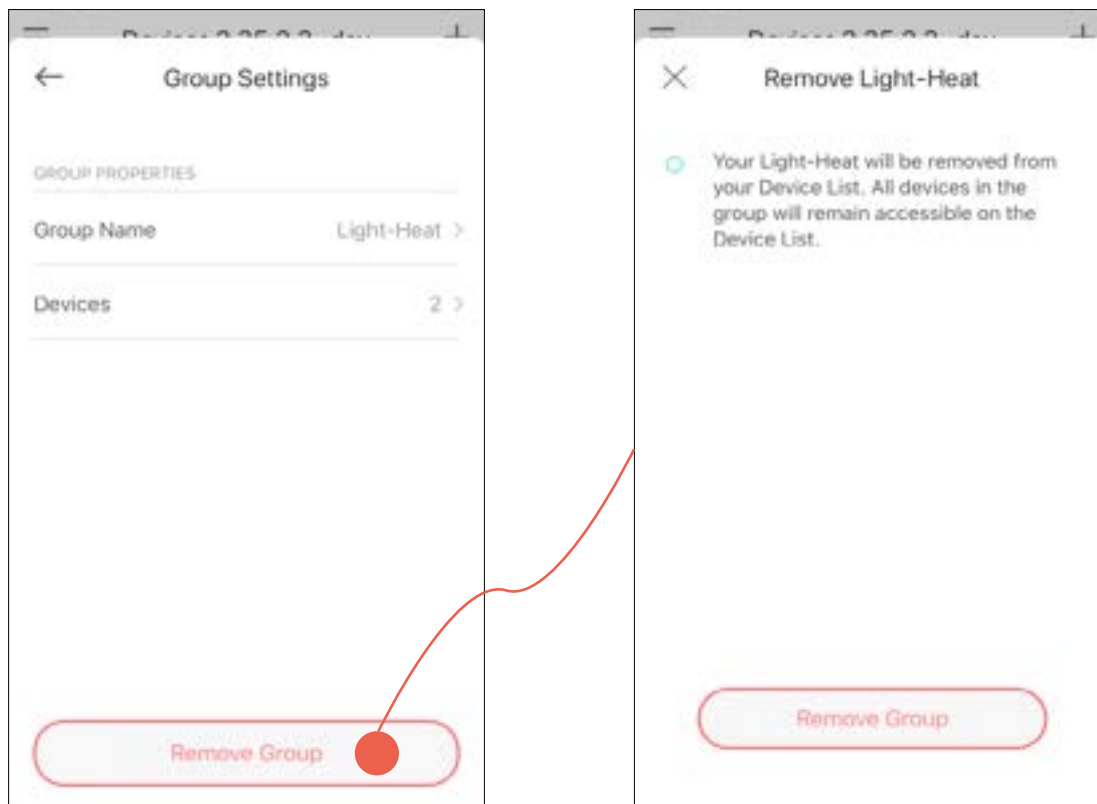
1. Tap the group you want to manage.

2. Turn on or off the Group in the status page.

3. Tap ⚙ to enter the settings page. You can change the group name or devices in the group as you like.

4. Tap Remove Group if you want to remove the group from your device list. Then double confirm it. All devices in the group will remain accessible on the device list.

Create Scenes

A scene is a preset group of smart devices that can be programmed, customized and activated simultaneously at the touch of a button from your smartphone or tablet, allowing you to easily set your mood, activity or fit any special occasion. This page allows you to preset how your smart home devices should act automatically at a specific occasion.

1. Tap [icon] at the bottom, then select a scene or create your own scene.

E.g. I want to turn on the light and turn off heating with one tap.

2. Select devices for the scene to work on and set their status respectively. Here we choose the two outlets of your device.

3. Pick an icon for your scene.
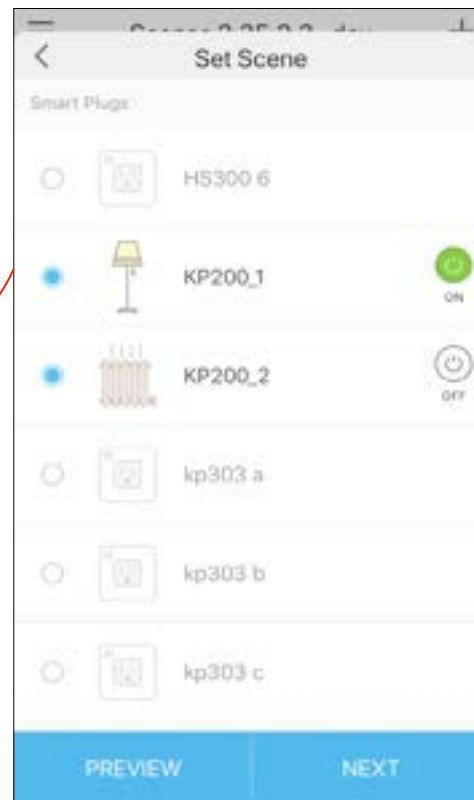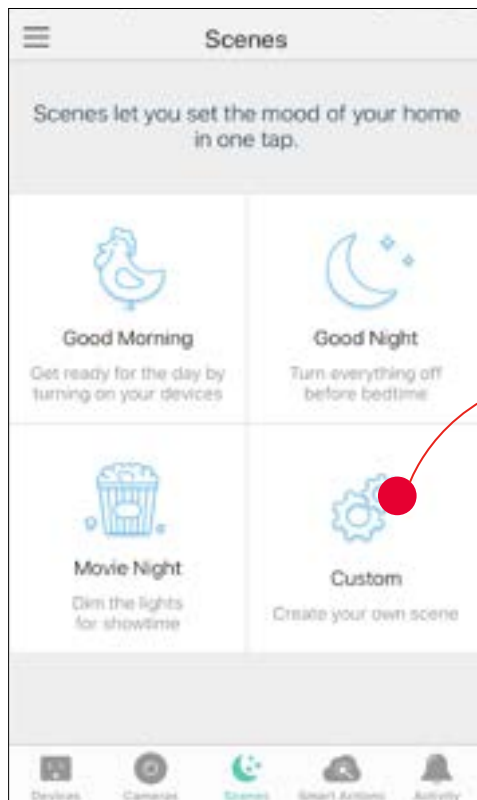
4. Name your scene.

5. Tap SAVE. Then your scene is created successfully.

6. Your scene is displayed in the scene list. Just tap the scene to activate it.

Congrats!

Good Night

Scene created successfully. You can apply it from "Scenes" tab anytime.

DONE

Scenes

Arriving Home   Good Night
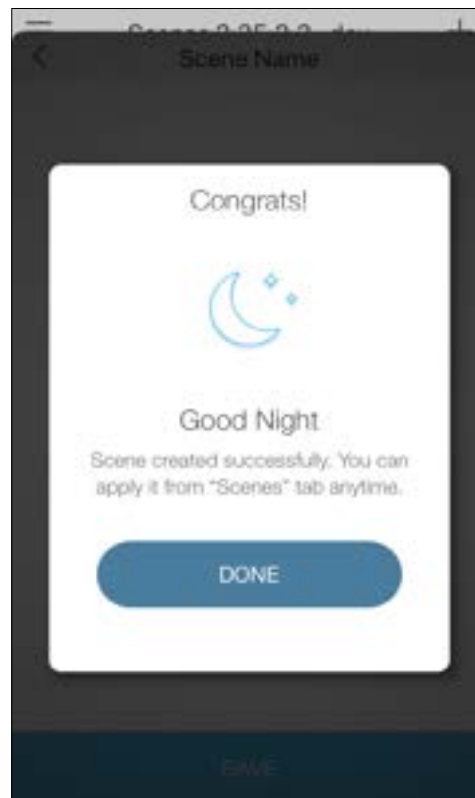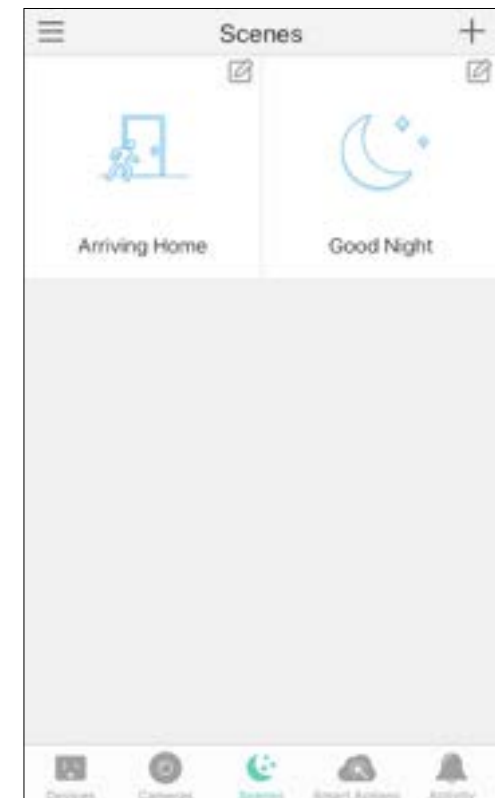
Smart Actions

Smart Actions is a function that enables device interconnections and home automations. With Smart Actions, your Kasa devices can work together to create a smarter smart home. From the moment you wake up to the moment you drift asleep, Smart Actions make your home safer and more comfortable.

* At most three smart actions can be enabled at the same time.

1. Tap at the bottom, then tap Add an Action.

2. Select an automation type for your Smart Actions.
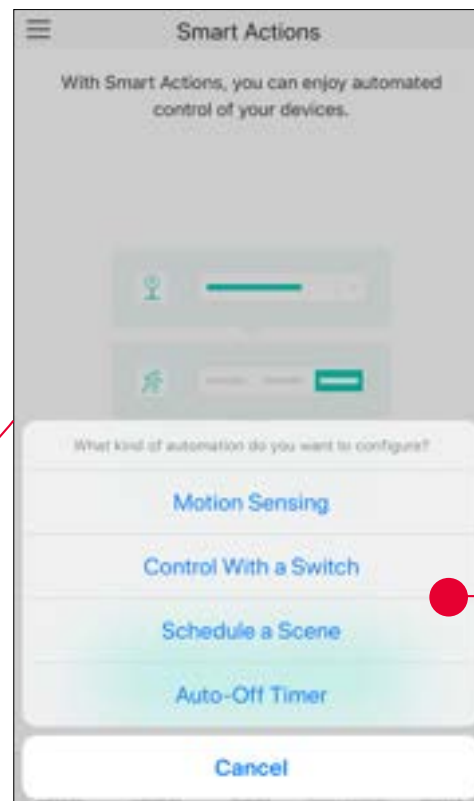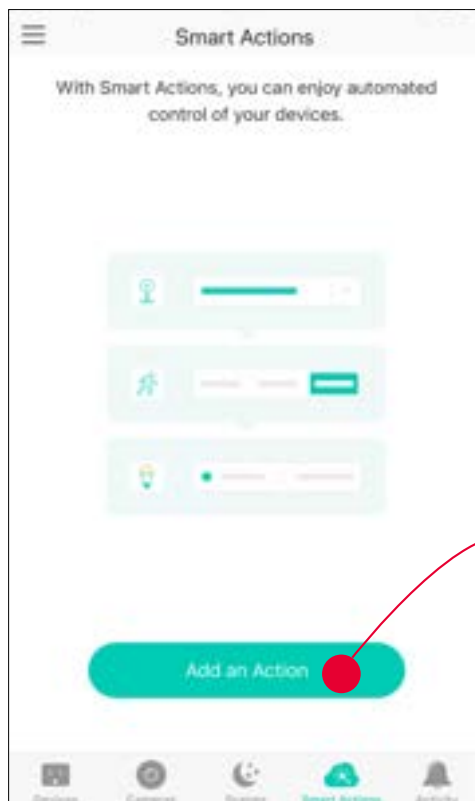
Motion Sensing: Take actions when a Kasa camera senses a motion.

Control With a Switch: Extend the Smart Switch control to other Kasa Smart devices. Turn on/off a group of devices with the Smart Switch all together.

Schedule a Scene: Schedule a "Scene" to be turned on automatically at the time specified.

Auto-off Timer: Whenever a Smart device is turned on, turn it off after the designated amount of time.

1. Configure Motion Sensing If you already have a Kasa Smart Camera

E.g. I want to turn the light on when my Kasa camera senses a motion.

1. Tap Motion Sensing then select a camera.

2. Select the outlet which your light is plugged in.
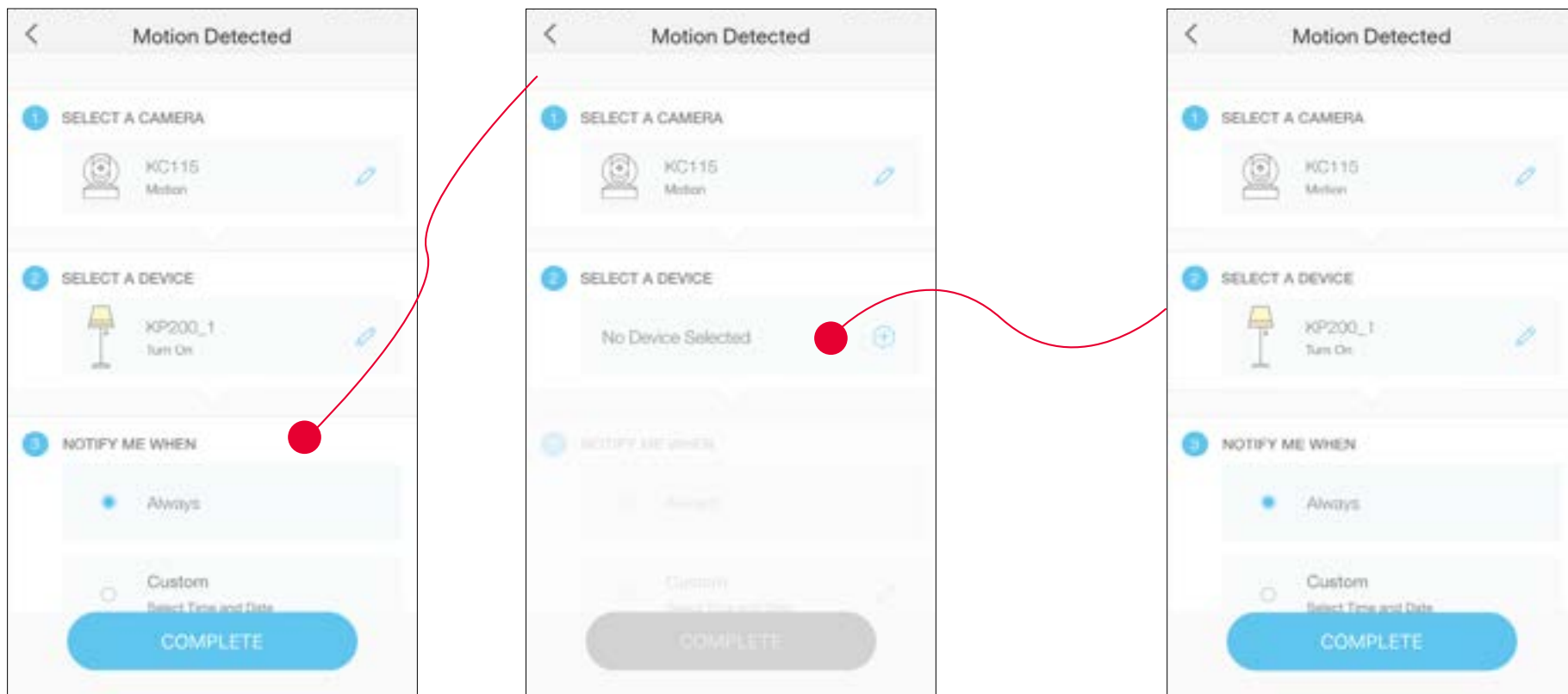
3. Set the time for the actions. You can choose Always or tap Custom to choose time according to your needs.

E.g. I want the motion to trigger the light on from 8:00 PM to 7:00 AM every weekday.
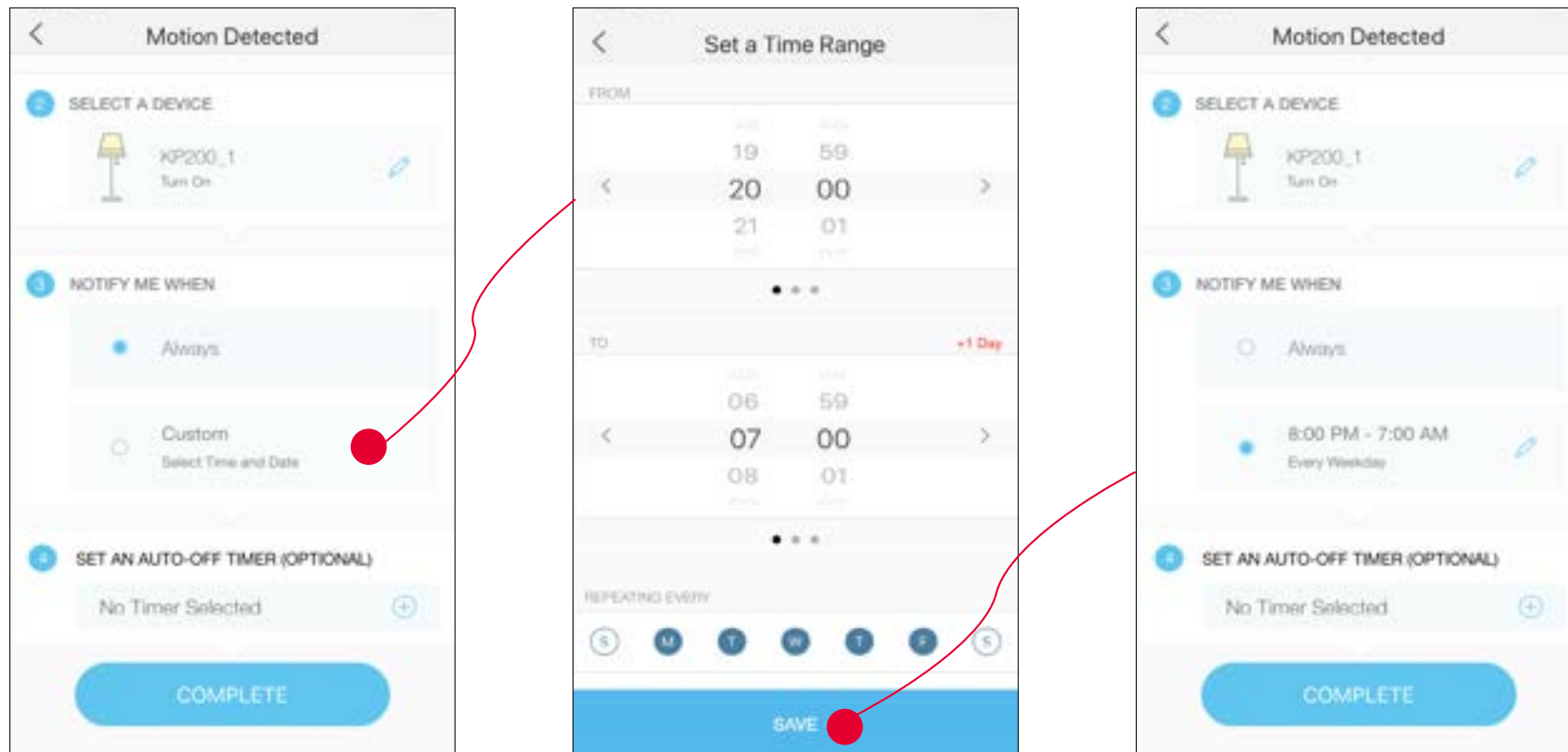
4. (Optional) Set an auto-off timer. Then your light will be turned off after the time you set if no motion is detected.

33
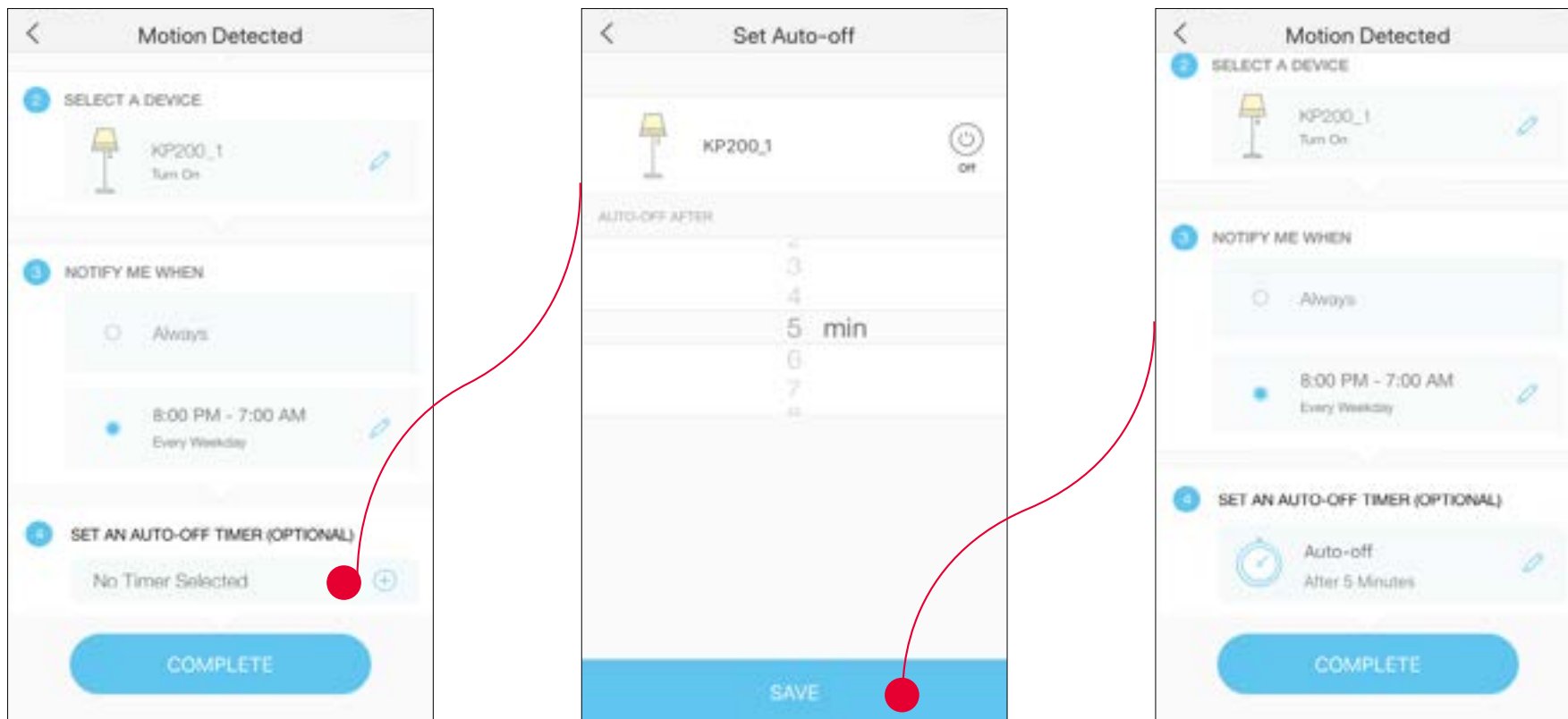
5. Name your action for easy identification.

6. The Smart Action is created successfully and displayed in the Smart Actions list.

34
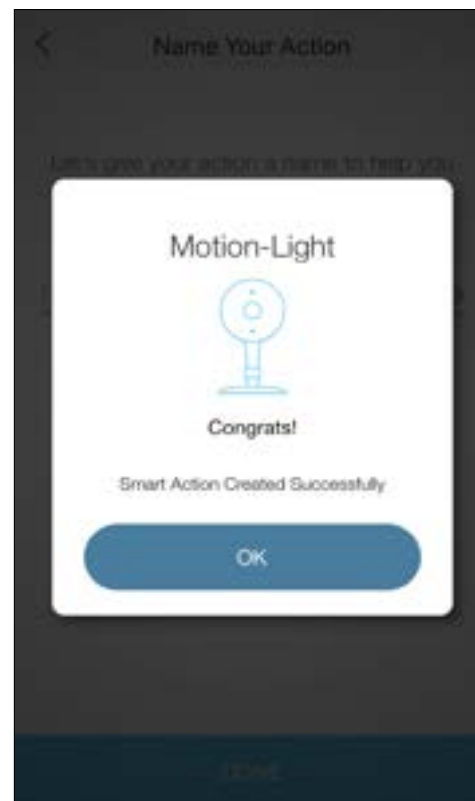
2. Configure Control With a Switch If you already have a Kasa Smart Switch

E.g. I want to turn the heating on when I turn on my switch, and turn the heating off when I turn off the switch.

1. Tap Control With a Switch.

2. Add a Kasa smart switch. Then select the outlet which your heating is plugged in.

3. Name your action for easy identification.

4. Now Your Smart Action is created successfully and displayed in the Smart Actions list.
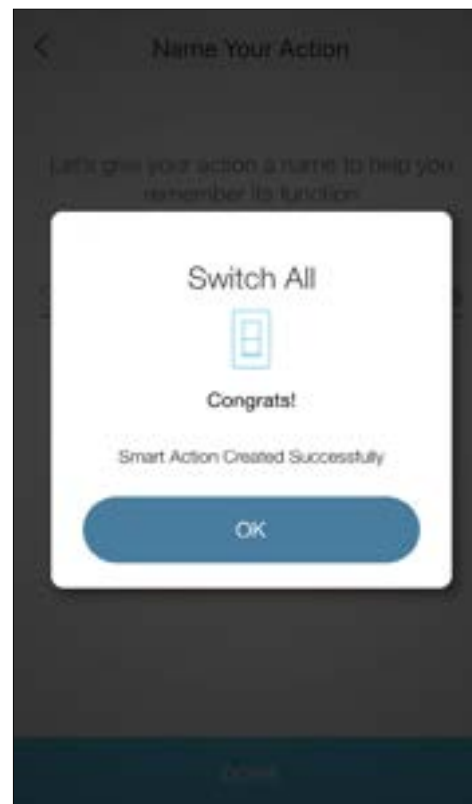
3. Configure Schedule a Scene

E.g. I want to turn on the scene I have created automatically at scheduled time.

1. Tap Schedule a Scene.

2. Select a scene you have created
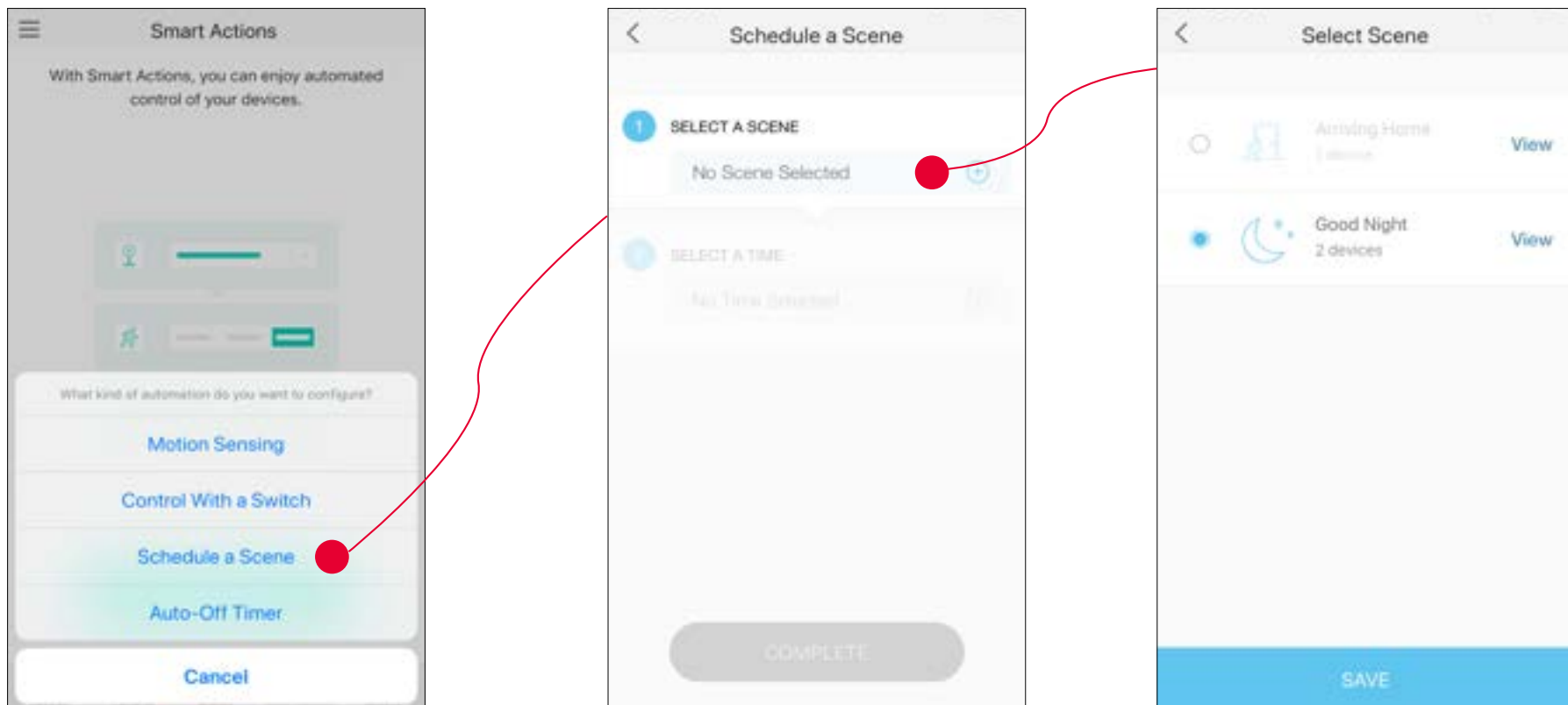
3. Set the time and frequency at which you want your scene to be turned on .
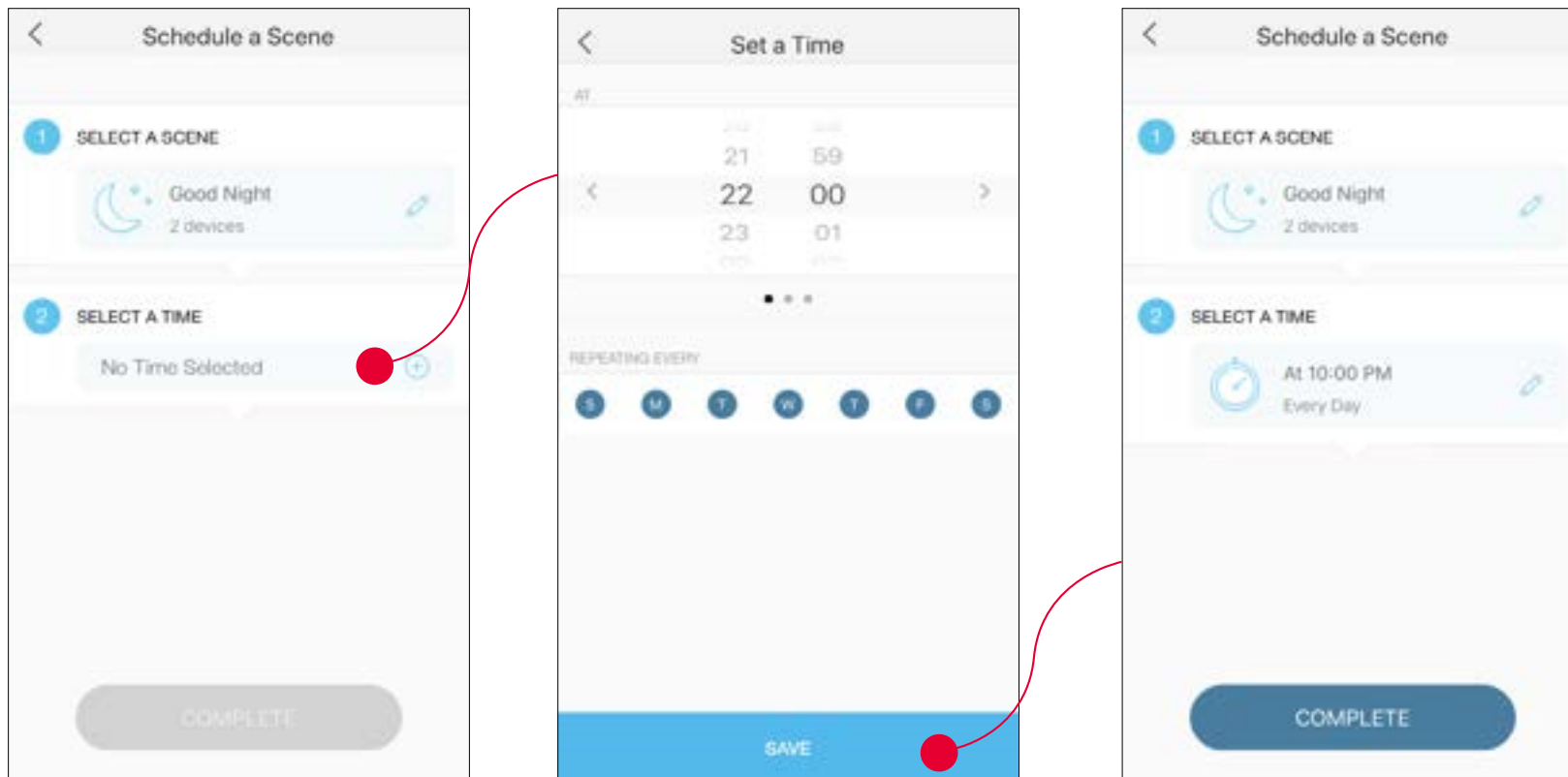
4. Name your action for easy identification.

5. Now Your Smart Action is created successfully and displayed in the Smart Actions list.
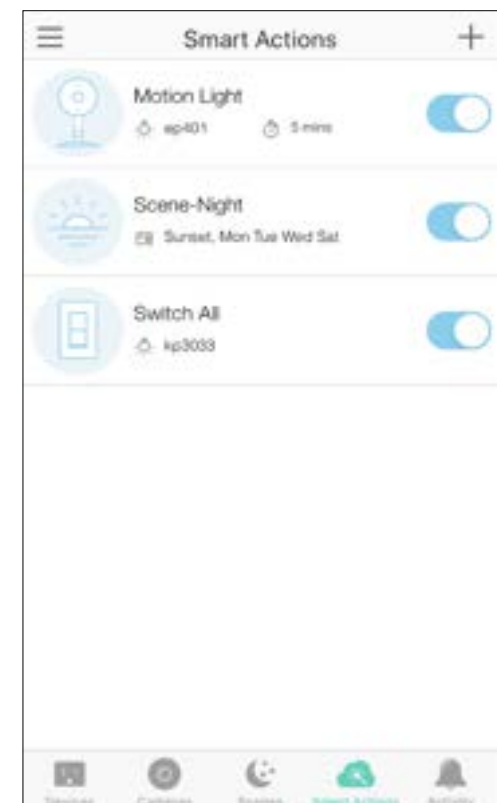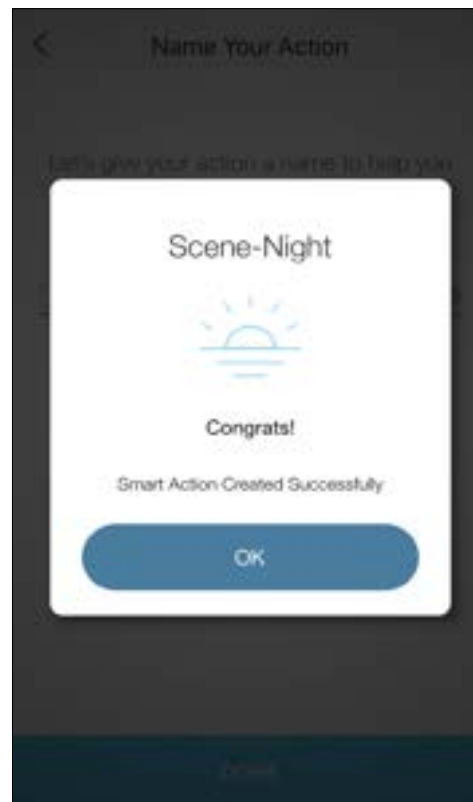
4. Configure Auto-Off Timer

E.g. I want to turn off my light after 30 minutes whenever it is turned on.

1. Tap Auto-Off Timer then select the outlet which your light is plugged in.
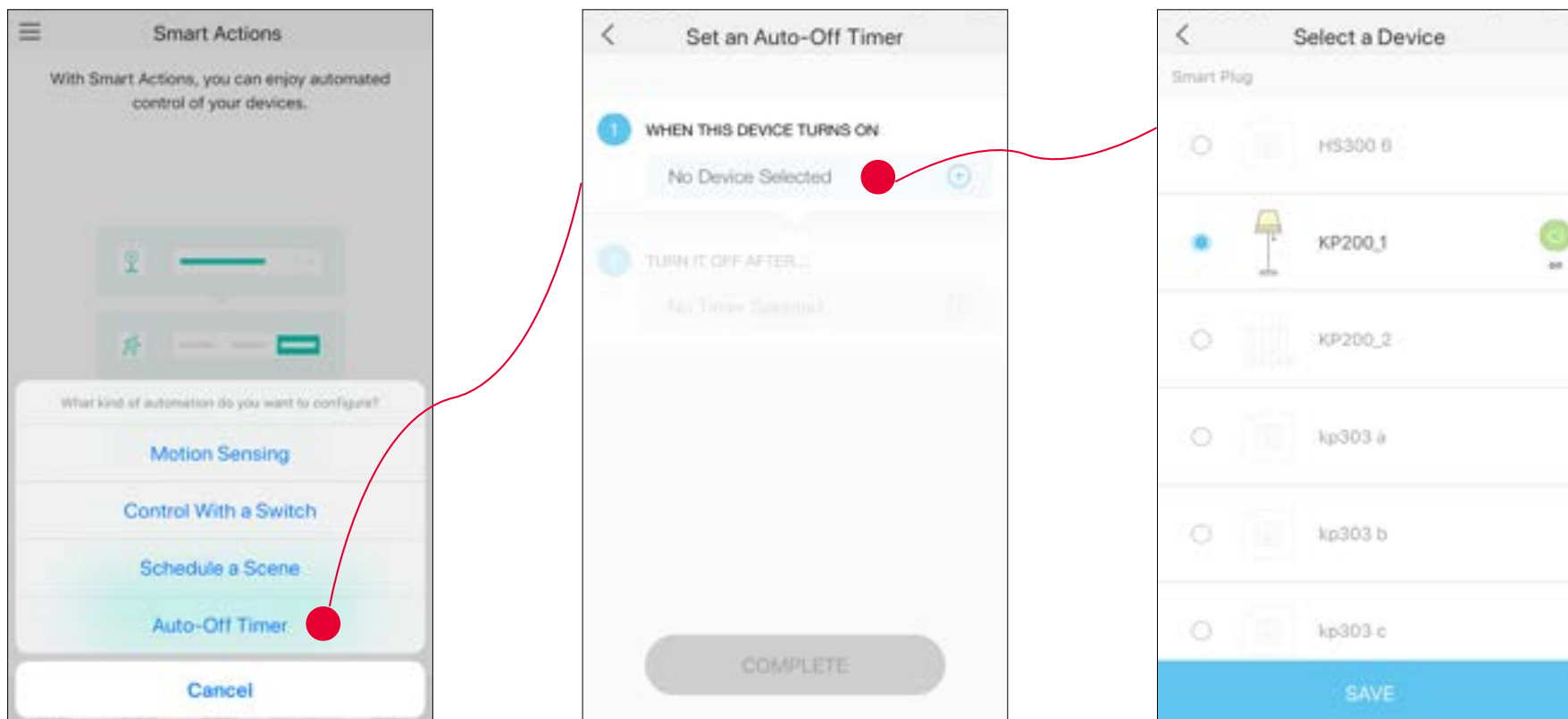
2. Set the time.
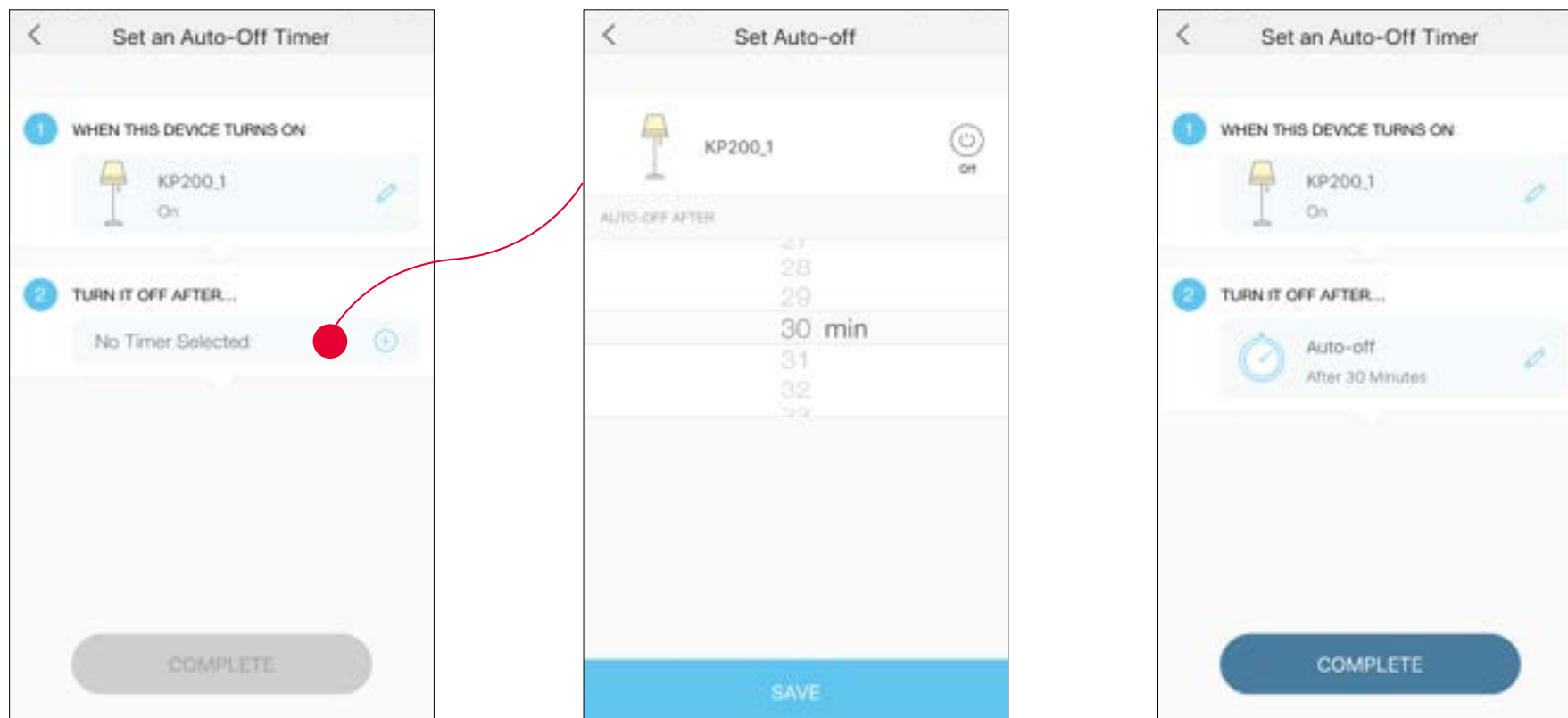
3. Name your action for easy identification.

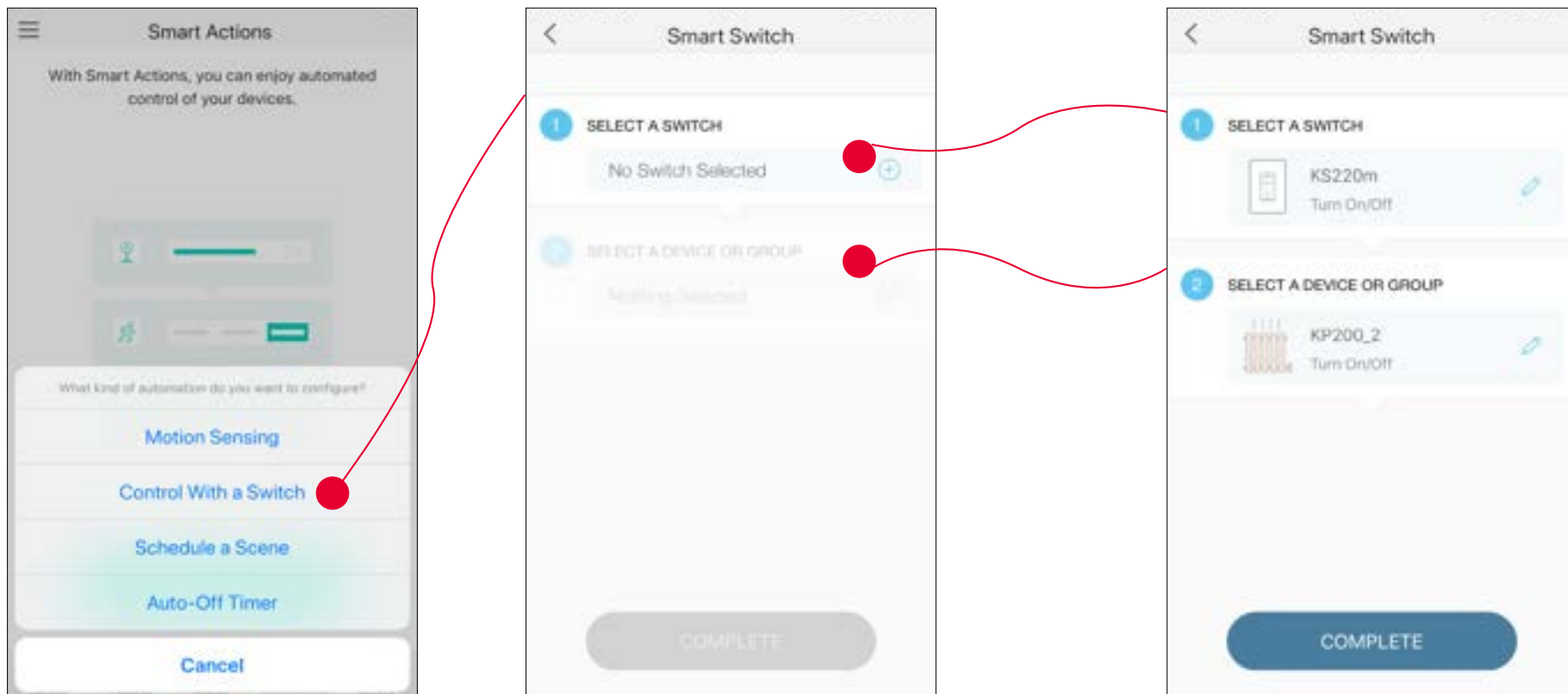4. The Smart Action is created successfully and displayed in the Smart Actions list.
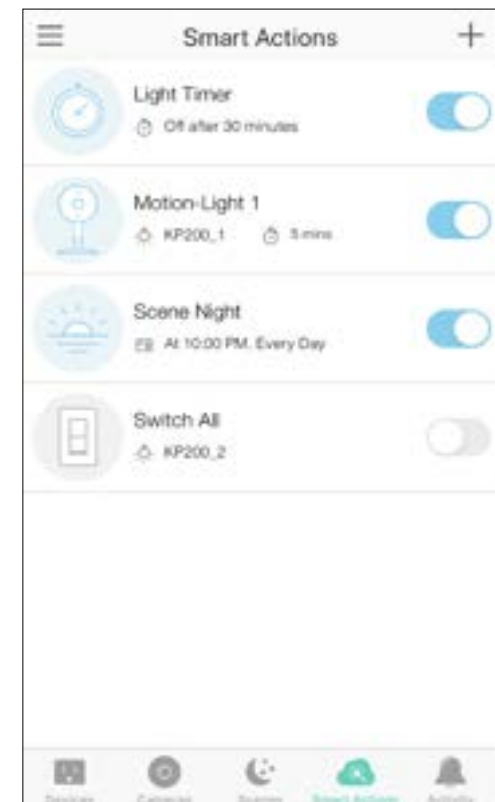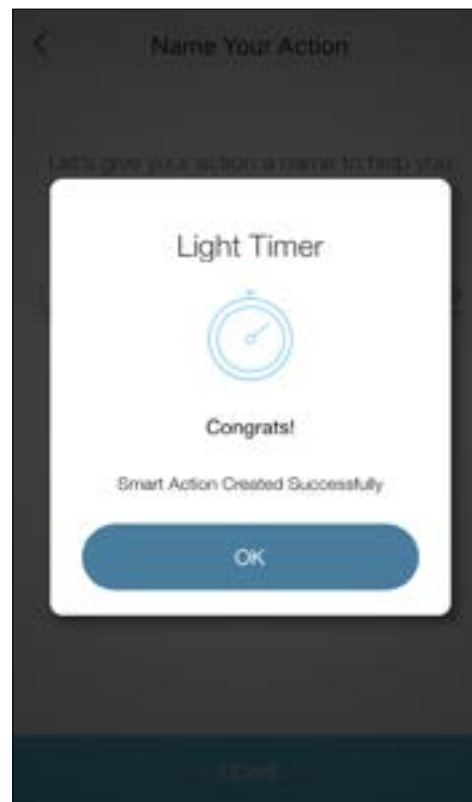
Voice & 3rd Party Support

Use the Kasa Smart app to pair your Smart Outlet with Amazon Alexa or Google Home Assistant, and enjoy a full hands-free experience. Kasa helps manage the rest of your smart home too, working with Samsung SmartThings to trigger changes when you arrive home or leave for the day.

Launch the **Kasa Smart** app. Go to the sidebar and tap Works with Kasa. You can choose Amazon Alexa / Google Assistant / IFTTT / Samsung SmartThings for detailed instructions.
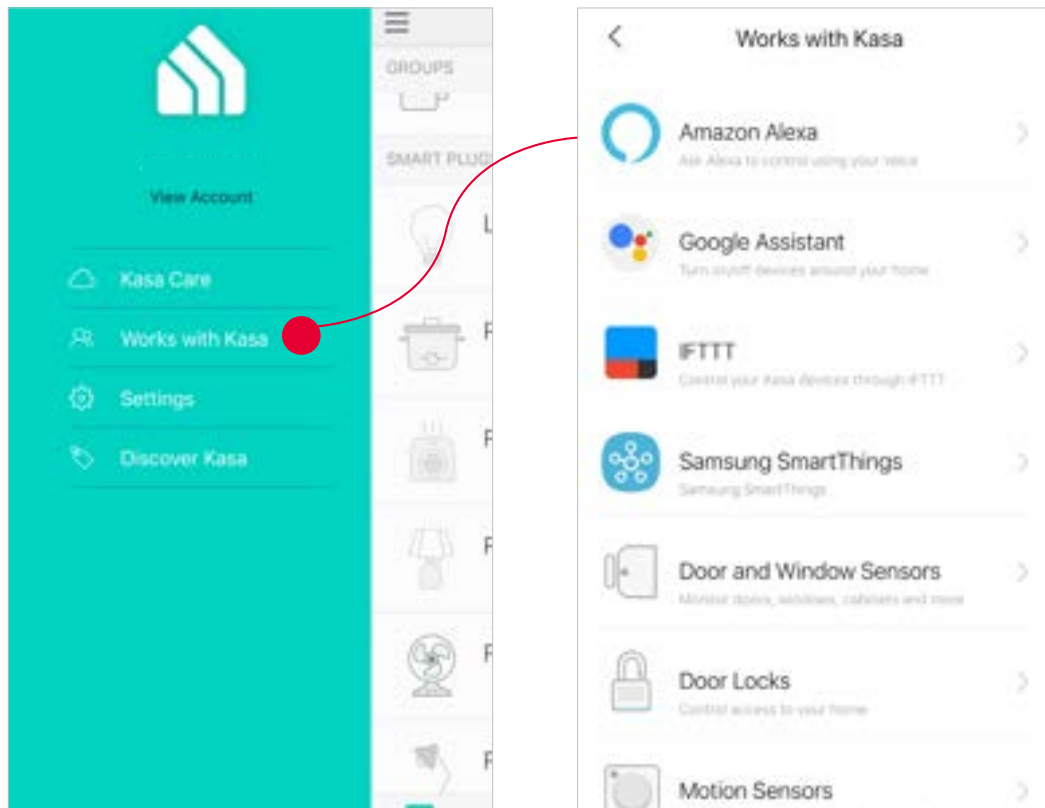
1. Set up Amazon Alexa

1. Tap Amazon Alexa.

2. Tap Connect.

3. Sign in with your amazon account.
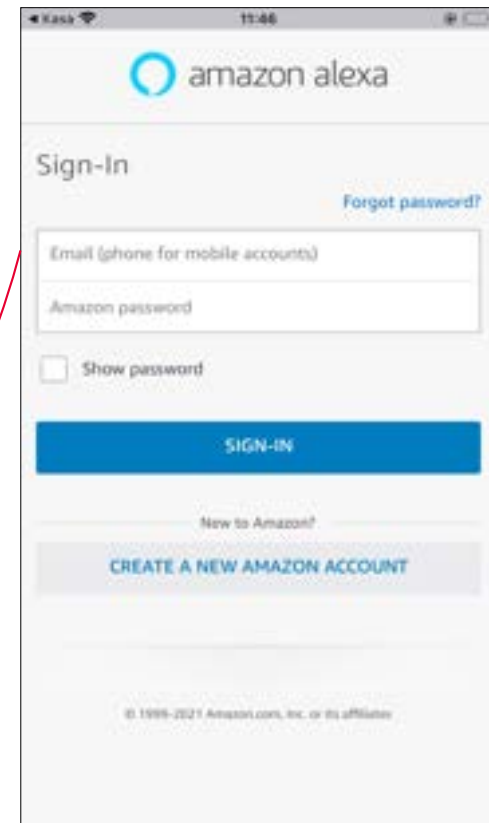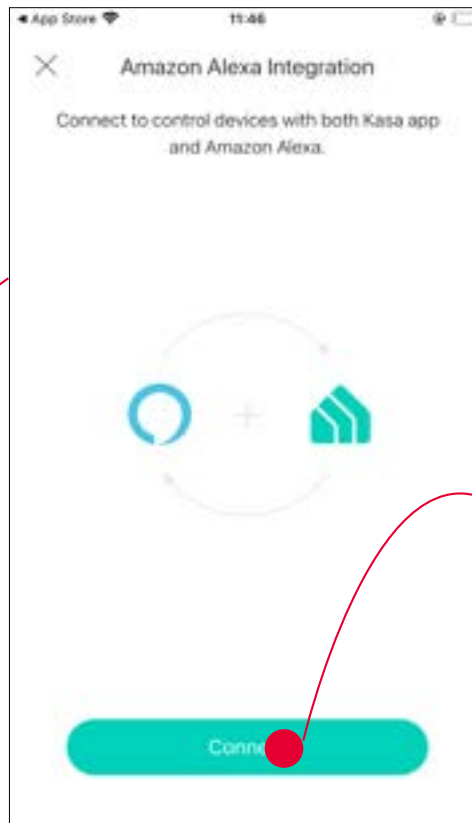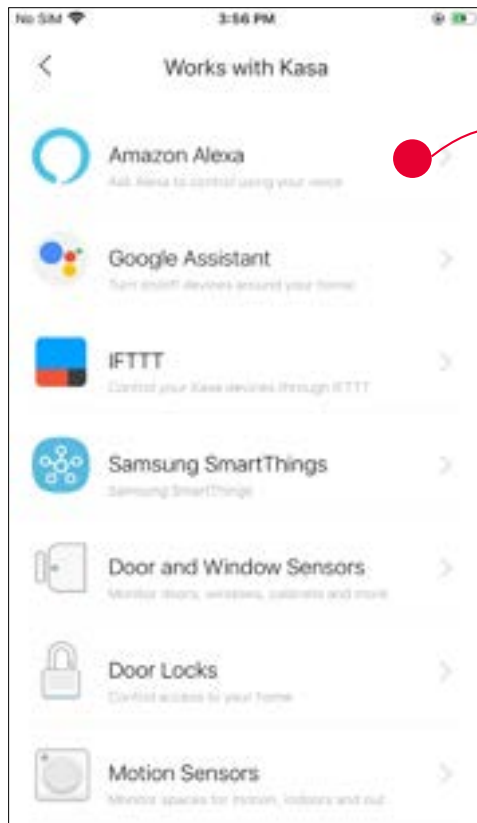
3. After sign-in, tap LINK.
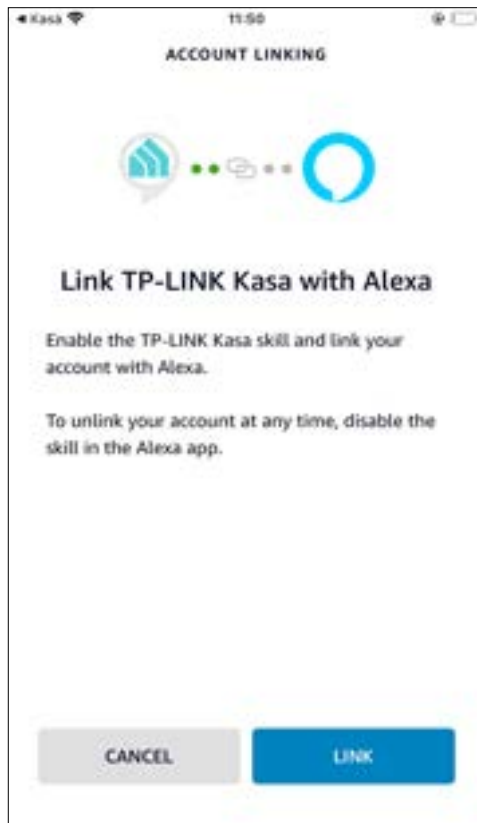
4. Your TP-Link ID has been successfully linked with your amazon account. You can use Alexa voice commands to control your Smart Outlet.

2. Set up Google Assistant

1. Tap Google Assistant.

2. Follow instructions to connect your device to your Google Home.
Or find the FAQ at https://www.tp-link.com/en/support/faq/1534/.
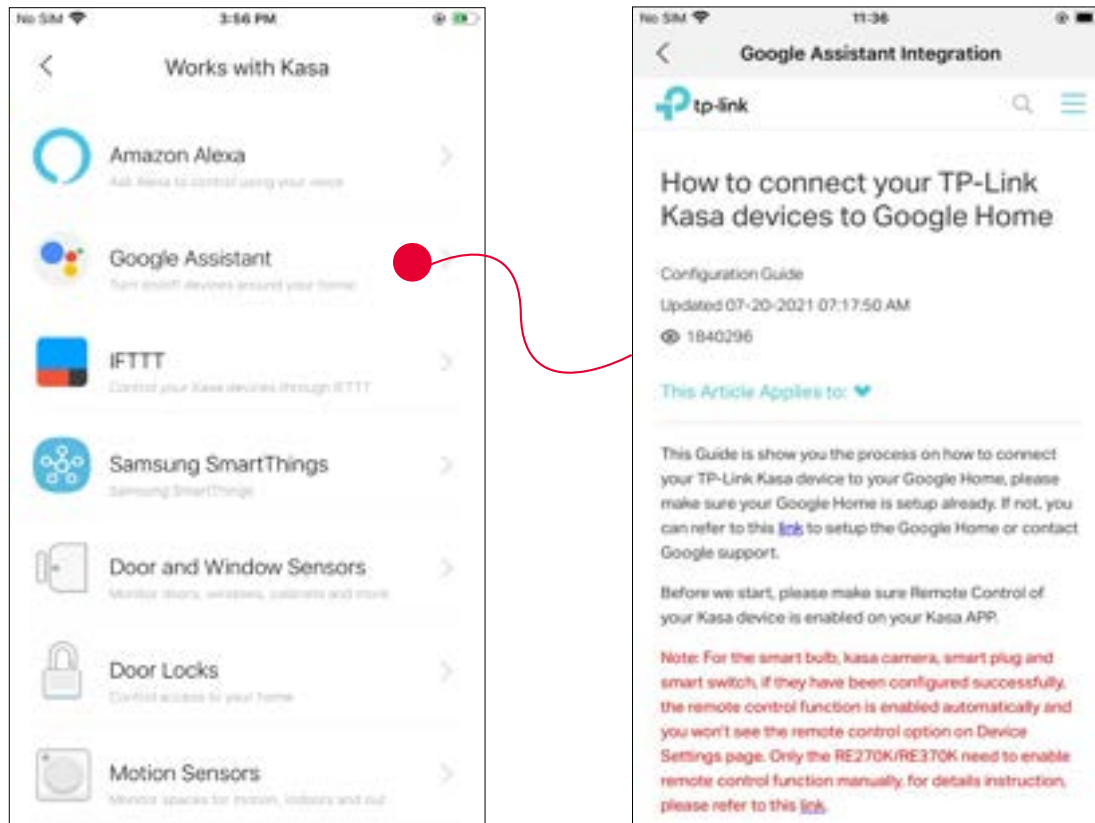
Authentication

FCC Compliance Information Statement

Product Name: Kasa Smart Wi-Fi Outlet

Model Number: KP200

Responsible party:

TP-Link USA Corporation

Address: 10 Mauchly, Irvine, CA 92618

Website: https://www.tp-link.com/us/

Tel: +1 626 333 0234

Fax: +1 909 527 6804

E-mail: sales.usa@tp-link.com

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:

• 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.

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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

"To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

We, **TP-Link USA Corporation**, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2021-11-09

Canadian Compliance Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1) L'appareil ne doit pas produire de brouillage;

2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement:

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

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)

NCC Notice

注意！

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續用。

前述合法通信，指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

BSMI Notice

安全諮詢及注意事項

- 請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。

- 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。

- 注意防潮，請勿將水或其他液體潑灑到本產品上。

- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。

- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。

- 不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。

限用物質含有情況標示聲明書

設備名稱: Equipment name Kasa Smart Wi-Fi Outlet	型號（型式）: Type designation (Type) KP200					
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr+6)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源供應板	—	○	○	○	○	○
其他及其配件	—	○	○	○	○	○

備考 1.〝超出 0.1 wt ％〞及〝超出 0.01 wt ％〞係指限用物質之百分比含量超出百分比含量基準值
Note 1：“Exceeding 0.1 wt ％” and “exceeding 0.01 wt ％” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.
備考 2.〝○〞係指該項限用物質之百分比含量未超出百分比含量基準值。
Note 2：“○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.
備考 3.〝—〞係指該項限用物質為排除項目。
Note 3：The “—” indicates that the restricted substance corresponds to the exemption.

Safety Information

• Do not attempt to disassemble, repair, or modify the device.

• Do not use the device where wireless devices are not allowed.

• Operating Temperature: -20℃~50℃ (-4°F~122°F)

• Operating Humidity: 10%~90%RH, Non-condensing

• Storage Humidity: 5%~90%RH, Non-condensing

• For outdoor usage, use this product with ground fault circuit interrupter (GFCI) outlet.

• Risk of electric shock. Do not open. No user serviceable parts inside.

• Refer servicing to qualified service personnel.

• Keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.

• For passthrough devices, plug the power strips into the integrated electrical sockets of the devices, but devices of the same or another type not be stacked in normal use.

CAUTION
Electronic switch integrated in this product is only intended for functional purposes.
Unplug the appliance before servicing.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.

WARNING

- Timer could turn-on unexpectedly without the user being present. To Reduce the Hazardous Condition – Unplug the appliance that is plugged into the receptacle(s) controlled by the timer before servicing.
- Risk of Electric Shock. Do not plug into another relocatable power tap or an extension cord.
- When plugged into grounded 3-prong outlet , always ensure that the housing is facing downward and is at least 2 feet off the ground . Use the plug's mounting tag to hang from a screw to ensure correct orientation.
- DO NOT expose to heavy rain or immerse in water or any other liquid.
- DO NOT remove ground pin (middle pin) or use with 3-to 2-prong adapter.
- DO NOT use with devices that should not be operated unattended , such as power tools.
- DO NOT use in precision timing applications where inaccurate timing could be dangerous(sunlamps , Saunas , etc).
- Keep children away from smart plug and outlet.
- No Serviceable parts inside. DO NOT open or tamper with unit.
- Do not discard the stopper, the plug should be covered when the socket is not in use.
- Remove smart plug from outlet before cleaning.
- DO NOT clean with liquid.
- DO NOT exceed the recommended electrical ratings.
- Refer servicing to qualified service personnel.

Explanation of the symbols on the product label

Symbol	Explanation
∼	AC voltage

Symbol	Explanation
	RECYCLING This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.