



User Guide

AC2200 Smart Home Mesh Wi-Fi System Deco M9 Plus

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About This Guide

This guide provides a brief introduction to AC2200 Smart Home Mesh Wi-Fi System and the Deco app, as well as regulatory information.

Please note that features of Deco may vary slightly depending on the model and software version you have, and on your location, language and internet service provider. All images, parameters and descriptions documented in this guide are used for demonstration only.

Conventions

In this guide, the following conventions are used:

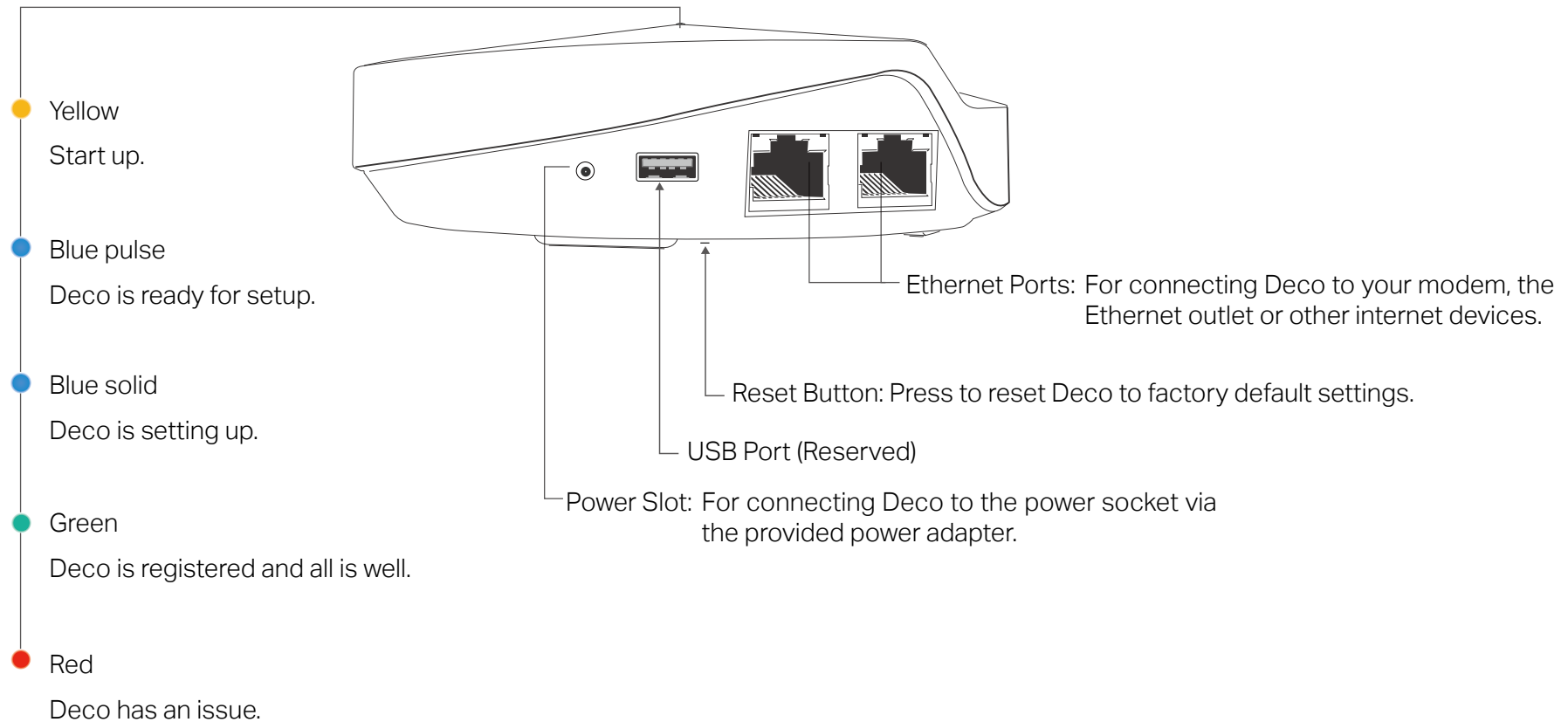
Convention	Description
Deco	Stands for AC2200 Smart Home Mesh Wi-Fi System/Unit.
<u>Underline</u>	Hyperlinks are in teal and underlined. You can click to redirect to a website or a specific section.
Teal	Key information appears in teal, including management page text such as menus, items, buttons and so on.
 Note:	Ignoring this type of note might result in a malfunction or damage to the device.
 Tips:	Indicates important information that helps you make better use of your device.

More Info

- Specific product information can be found on the product page at <http://www.tp-link.com>.
- A Technical Support Forum is provided for you to discuss our products at <http://forum.tp-link.com>.
- Our Technical Support contact information can be found at the [Help](#) center of the Deco app and the [Contact Technical Support](#) page at <http://www.tp-link.com/support>.

Appearance

Each Deco has an LED that changes color according to its status, two RJ-45 Ethernet ports and a power slot. See the explanation below:



Set Up Your Deco

Follow the steps below to set up your AC2200 Smart Home Mesh Wi-Fi System.

1. Download and install the TP-Link Deco app

Scan the QR code below or go to Google Play or the Apple App Store to download the Deco app.

Install the app on your Android or iOS smartphone or tablet.



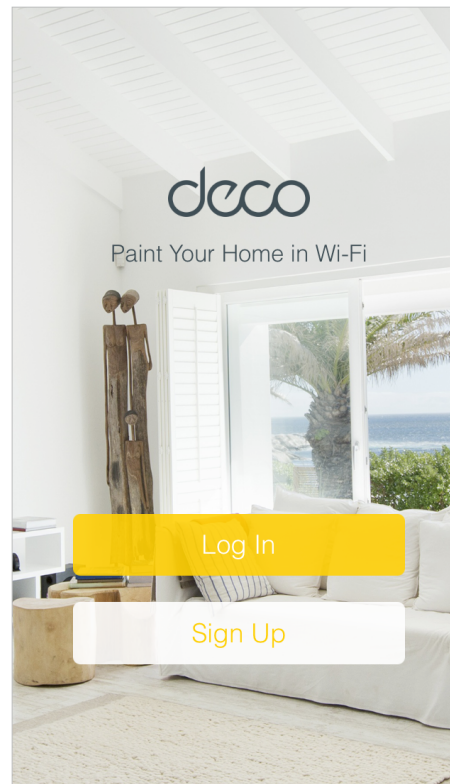
or



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

Open the app. Use your TP-Link ID to log in.

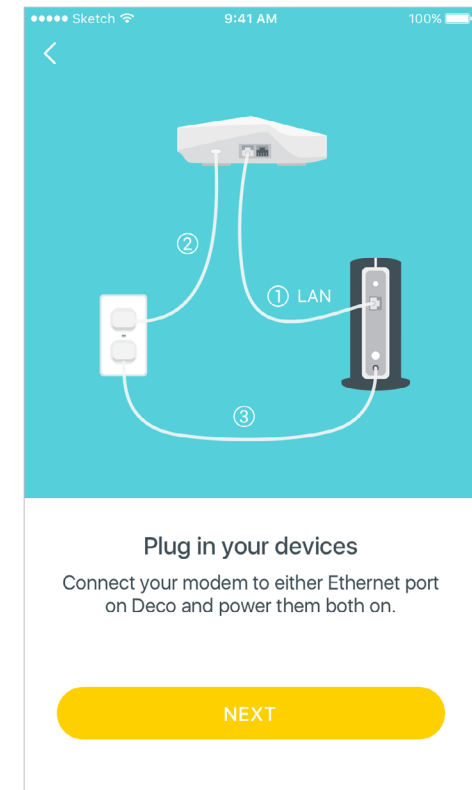
If you don't have a TP-Link ID, tap SIGN UP. The Deco app will guide you through the rest.



3. Connect your modem to Deco

Find and power off your modem. Connect your Deco to the modem and power them both on.

If you don't have a modem, connect the Ethernet outlet directly to your Deco.



Set Up Your Deco

Follow the steps below to set up your AC2200 Smart Home Mesh Wi-Fi System.

4. Select a location

Select a location for this Deco. If its location is not listed, you can create a new one by choosing Custom.

Where have you placed this Deco?

The location will be used as this Deco's name.

Living Room

Bedroom

Kitchen

Office

Upstairs

Custom

5. Create your Wi-Fi network

Set a network name and a password. These will be the name and password you use to connect your devices to Wi-Fi.

Create your Wi-Fi network

This will be the name and password you'll use to access your network. Your password must be at least 8 characters.

Network Name

Password

NEXT

6. Add more Decos

You can add more Decos to expand Wi-Fi coverage. The app will guide you through the process of adding more Decos one by one.

Complete

You can now connect your devices to this network: Deco

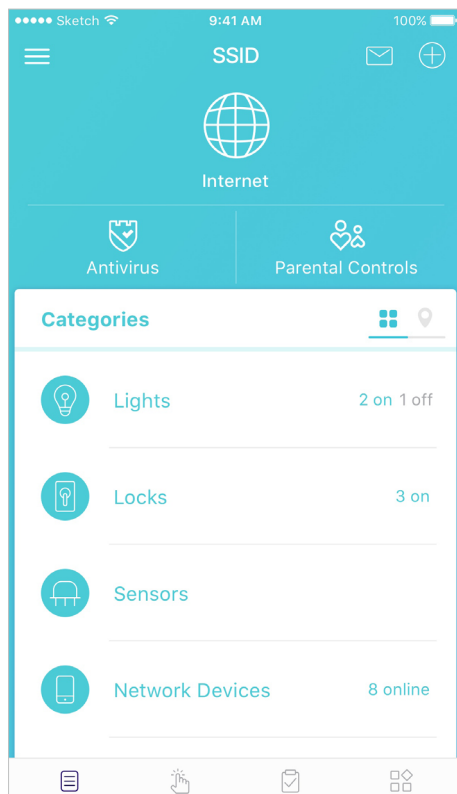
ADD ANOTHER DECO

I'M DONE FOR NOW

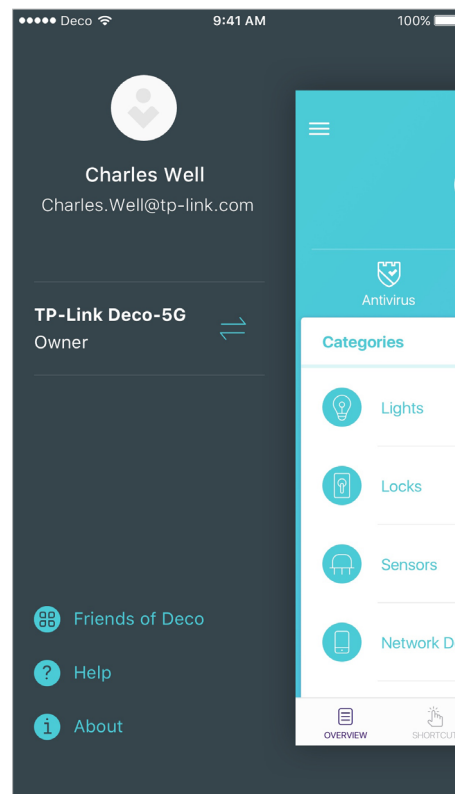
Dashboard

After you successfully set up your Deco network, you will see the dashboard of the Deco app. Here you can view the working status of all Decos, test the internet speed, check the connected devices and manage your network.

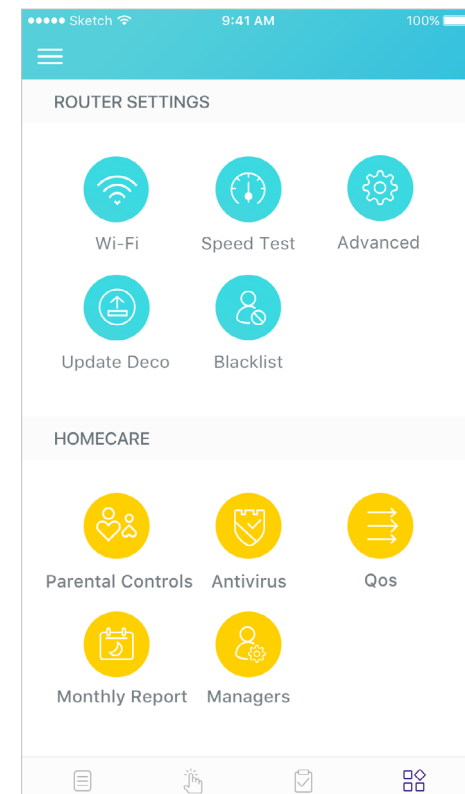
Deco Status & Devices



Swipe right



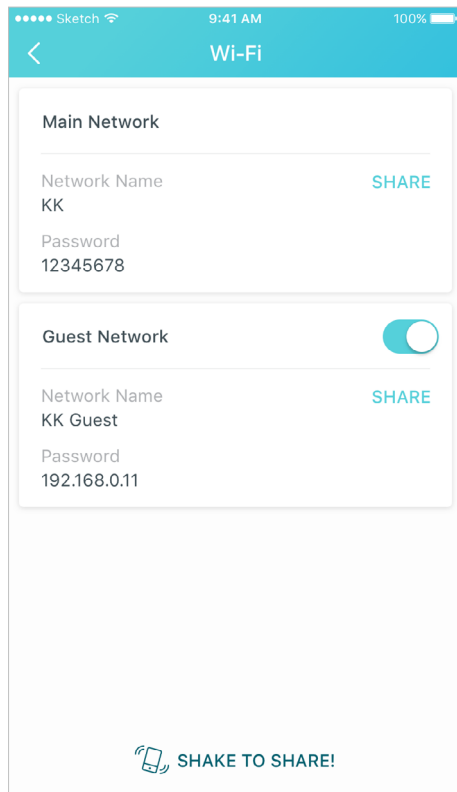
Tap MORE



Wi-Fi Settings

Customize the network name and password of your main network or create a separate network just for guests. You can set a guest network name and an easy-to-remember password. You can shake your device to share the network details easily with family and friends.

Enable a guest network



Sketch 9:41 AM 100%

< Wi-Fi

Main Network

Network Name KK [SHARE](#)

Password 12345678

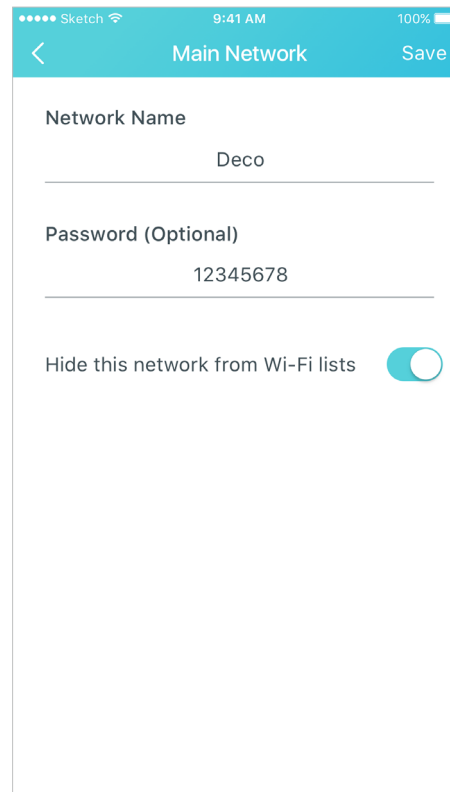
Guest Network ☒

Network Name KK Guest [SHARE](#)

Password 192.168.0.11

 SHAKE TO SHARE!

Create the network name and password



Sketch 9:41 AM 100%

< Main Network Save

Network Name

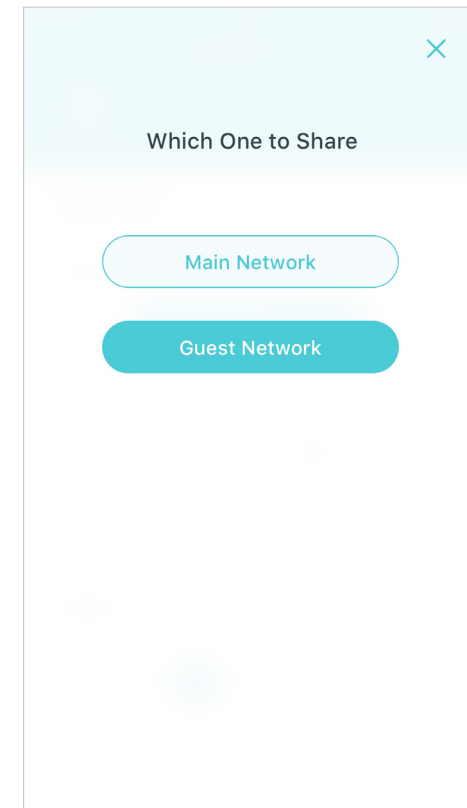
Deco

Password (Optional)

12345678

Hide this network from Wi-Fi lists ☒

Shake to share



×

Which One to Share

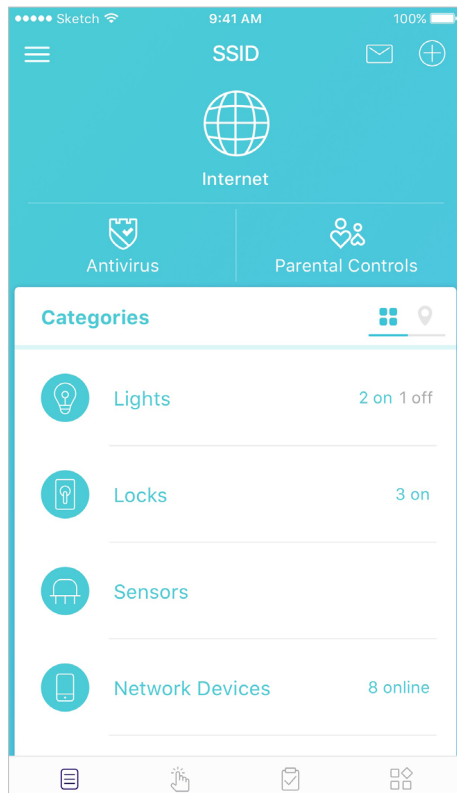
[Main Network](#)

[Guest Network](#)

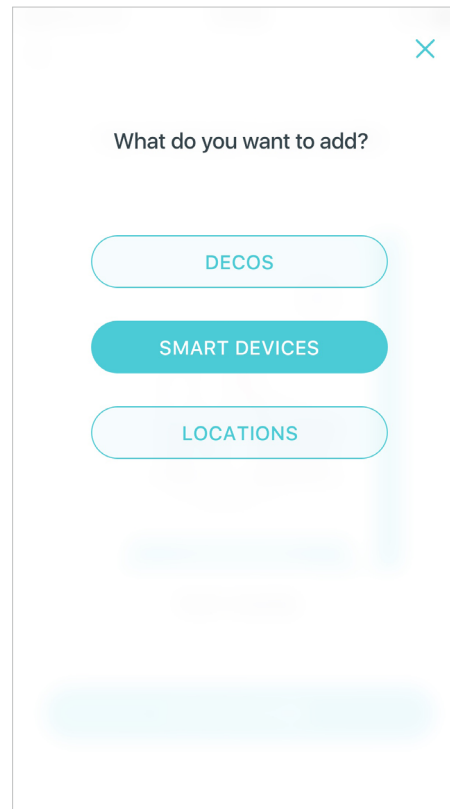
Set Up Smart Home Devices

Deco M9 Plus not only delivers seamless wireless connectivity, but also acts as a smart home control point, letting you replace your older smart hubs. It connects Wi-Fi, ZigBee and Bluetooth devices to your network and lets you manage them from the Deco App. Whether you're on the couch or on the go, you're always in reach of your lights, thermostats, switches and door locks. Follow the steps below to add smart home devices to your Deco network.

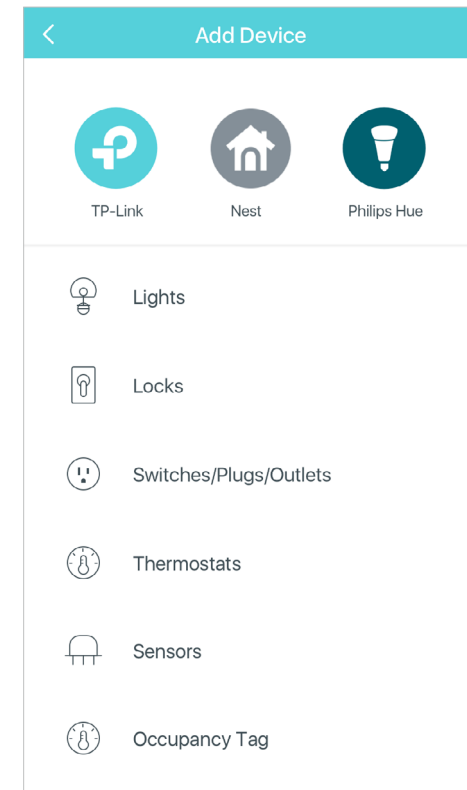
1. On the Dashboard page, tap .



2. Tap SMART DEVICES.



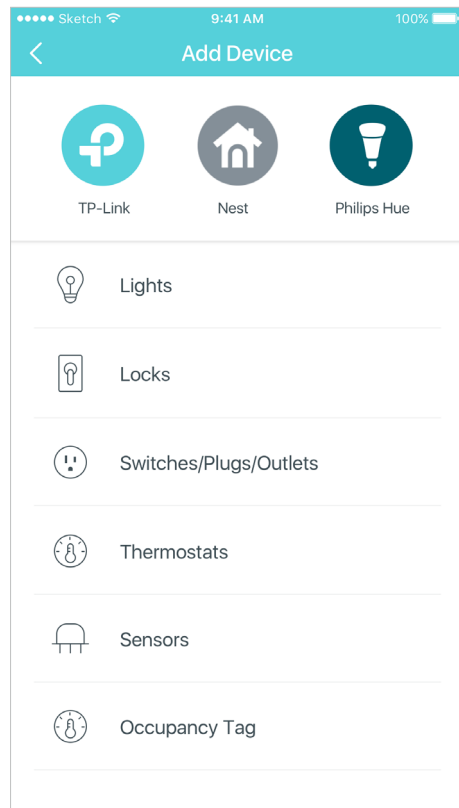
3. Select the smart device type.



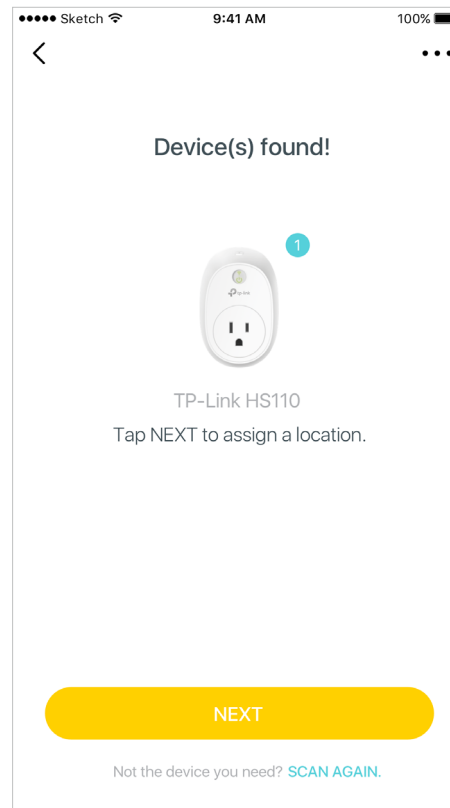
Set Up Smart Home Devices

Follow the steps below to add smart home devices to your Deco network.

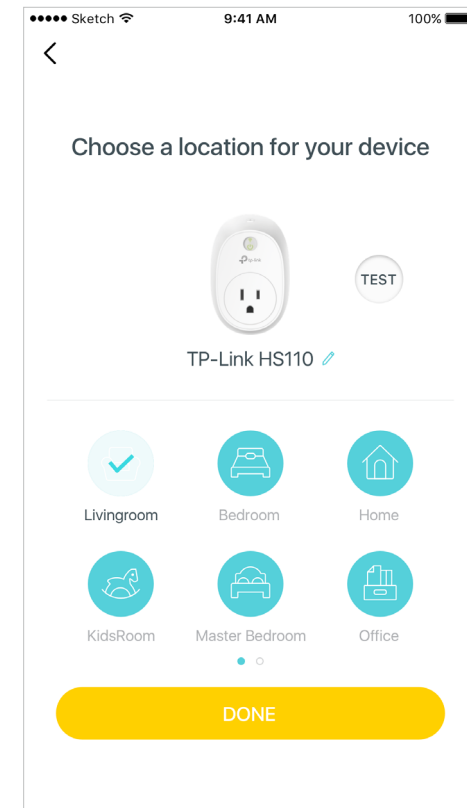
4. Select your smart device. If not listed, select Other Light, for example.



5. Follow the app's guide to find your smart device(s).



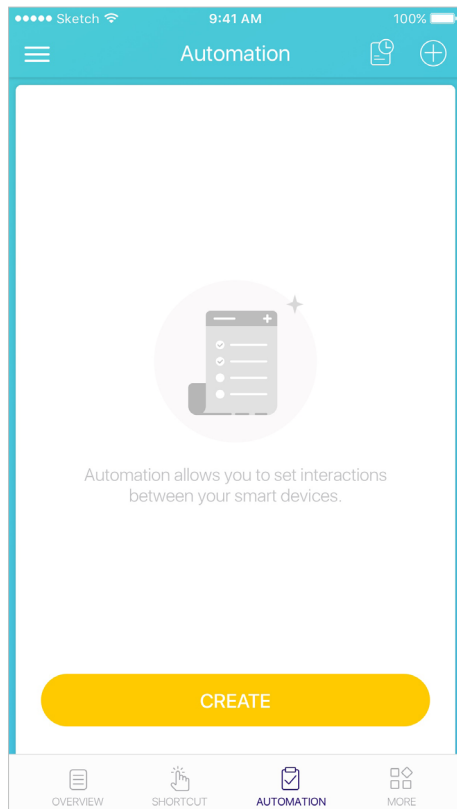
6. Assign a location for your device and tap Done.



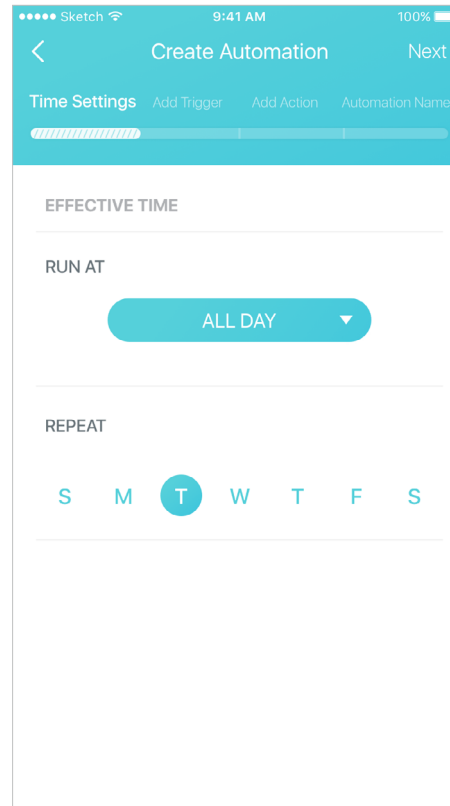
Automation

Automation allows you to set interactions between your smart devices. For example, if the bedroom light comes on (which is a trigger), then the air conditioner in the bedroom will start running (which is an action). Follow the steps below to create an automation.

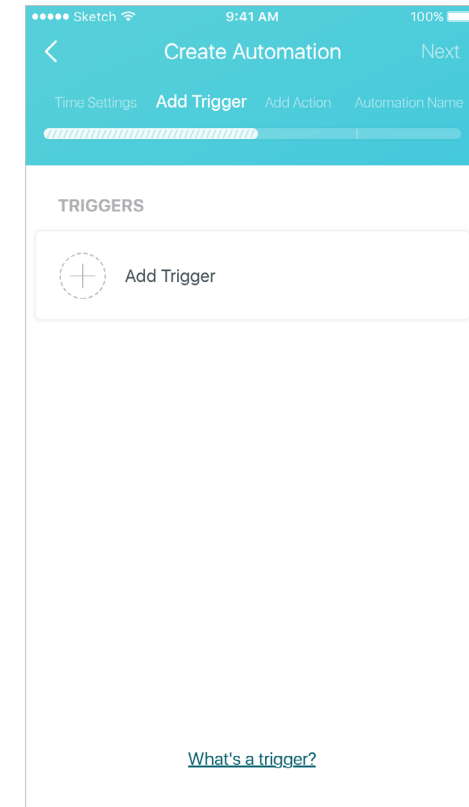
1. Tap Create or .



2. Specify the time when this automation will take effect.



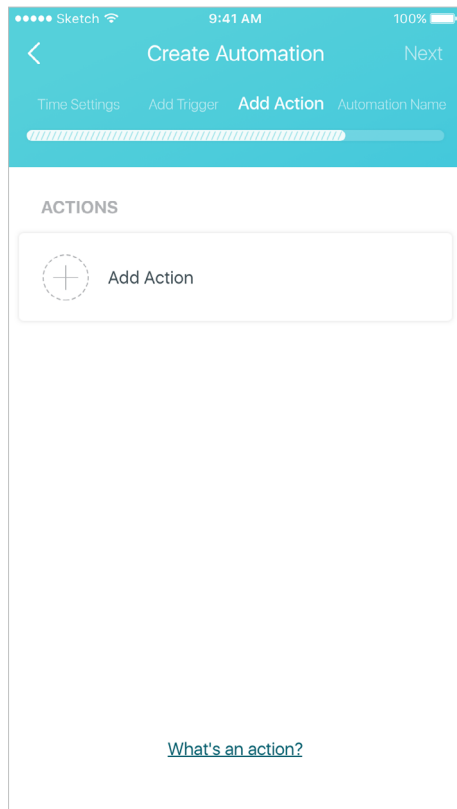
3. Follow the app's guide to add a trigger. If you set a specific time for the automation, then a trigger is optional.



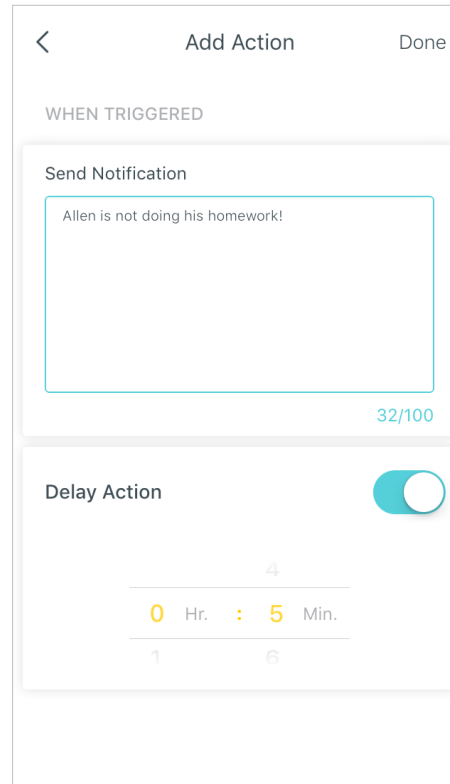
Automation

Follow the steps below to create an automation.

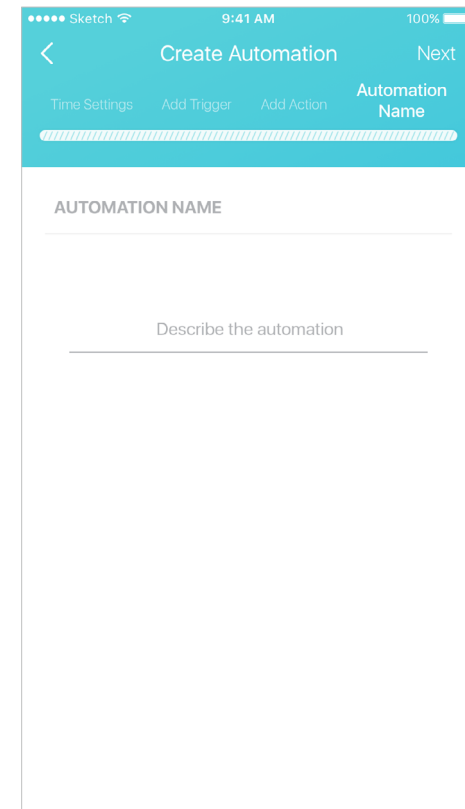
4. Follow the app's guide to add an action.



You can delay an action when triggers are fired by setting the delay action .



5. Describe the automation and tap Done.



Automation

Automation allows you to set interactions between your smart devices. For example, if the bedroom light comes on (which is a trigger), then the air conditioner in the bedroom will start running (which is an action).

How trigger and action work



How does trigger and action work?

When a trigger takes place, or at a certain time, then an action will follow.

EXAMPLE 1

If the bedroom light comes on, then the air conditioner in the bedroom will start running.

EXAMPLE 2

At 3pm, the air conditioner will start running.

EXAMPLE 3

Between 3 and 5pm, run the air conditioner.

The automations you created are displayed here.

DECO

9:41 AM

100%

Automation

S M T W T F S

All DAY

Mission A

Mission B Disabled

8:00 AM

Mission A

10:30 AM

Mission A

OVERVIEW

SHORTCUT

AUTOMATION

MORE

Tap an automation to delete, enable or disable it. You can also delete, edit or tap  to add triggers and actions.

Sketch

9:41 AM

100%

ENABLED 

Mission B 

EFFECTIVE TIME

 At Any Time
On Tue, Fri

TRIGGERS

 All Lights
On

 All Lights
On

ACTIONS

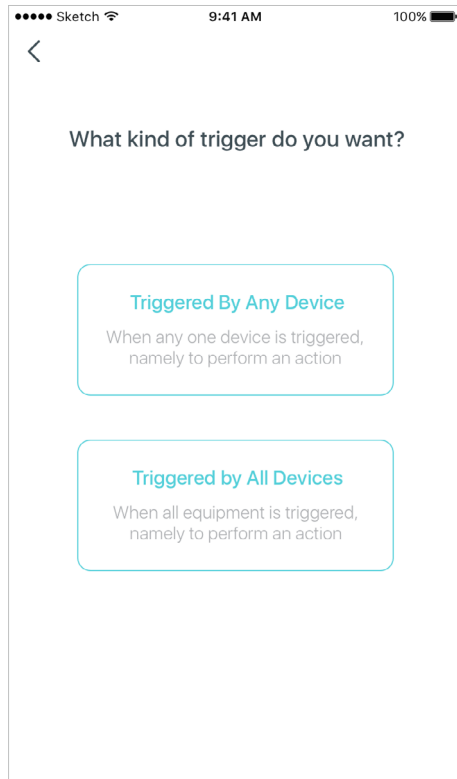
 Light
On

DELETE

Automation

Automation allows you to set interactions between your smart devices. For example, if the bedroom light comes on (which is a trigger), then the air conditioner in the bedroom will start running (which is an action).

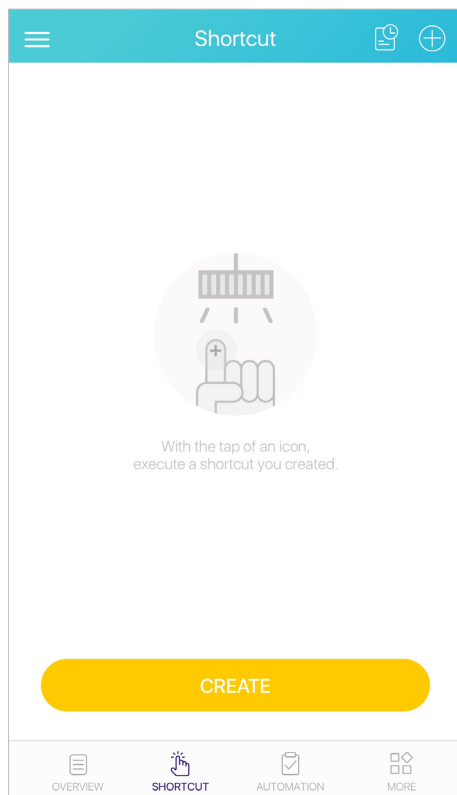
When multiple devices are selected for a trigger, then you have to specify the trigger type.



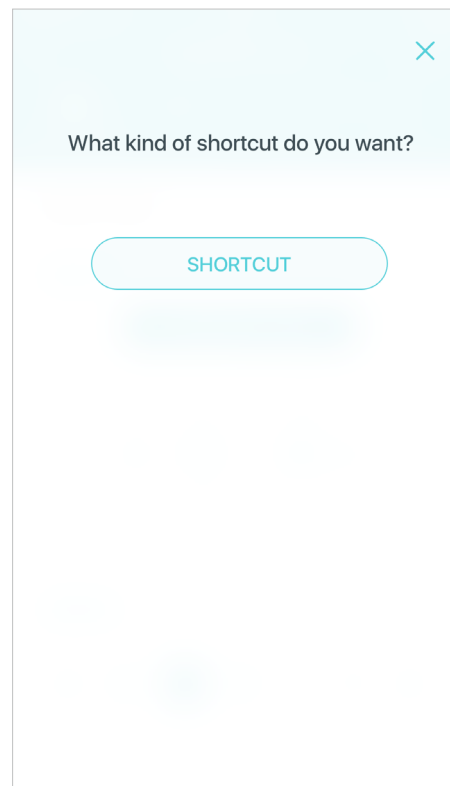
Shortcut

With the tap of an icon, execute a shortcut you created. Follow the steps below to create a shortcut.

1. Tap Create or .



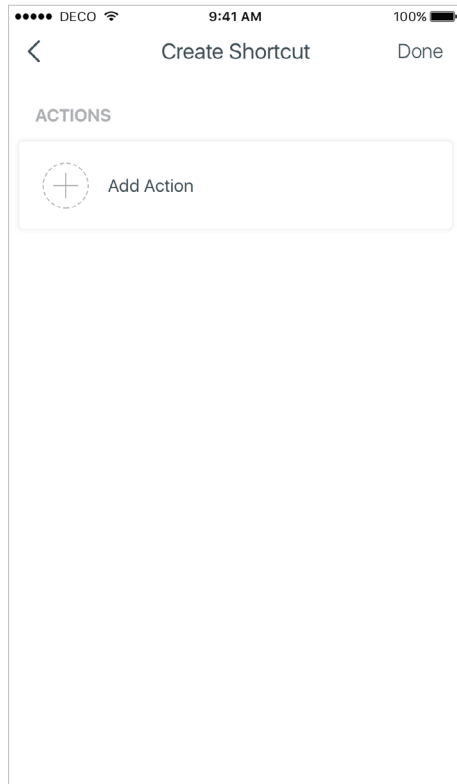
2. Select the shortcut type.



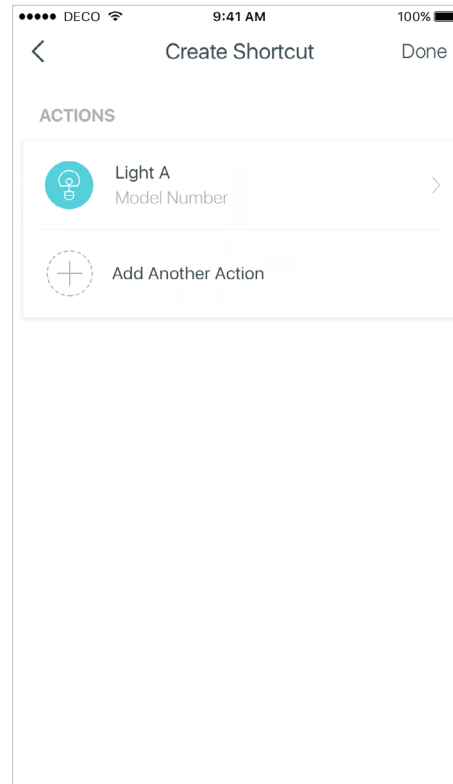
Shortcut

Follow the steps below to create a shortcut.

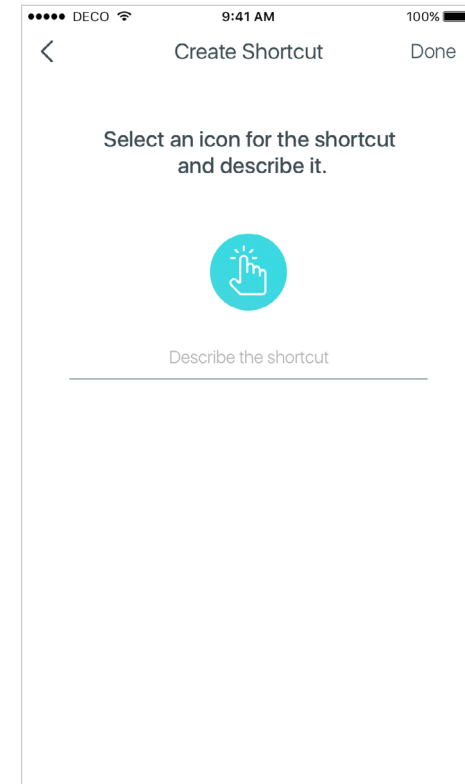
3. Follow the app's guide to add an action.



4. If needed, you can add more actions for one shortcut. And tap Done.



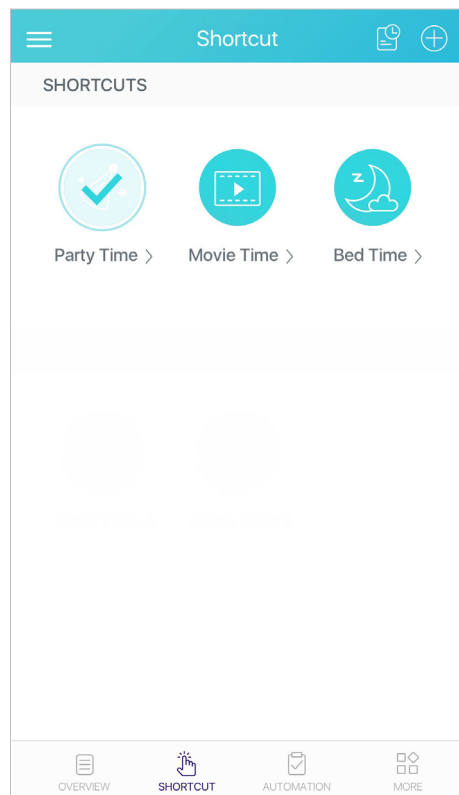
5. Select an icon for the shortcut and describe it.



Shortcut

With the tap of an icon, execute a shortcut you created.

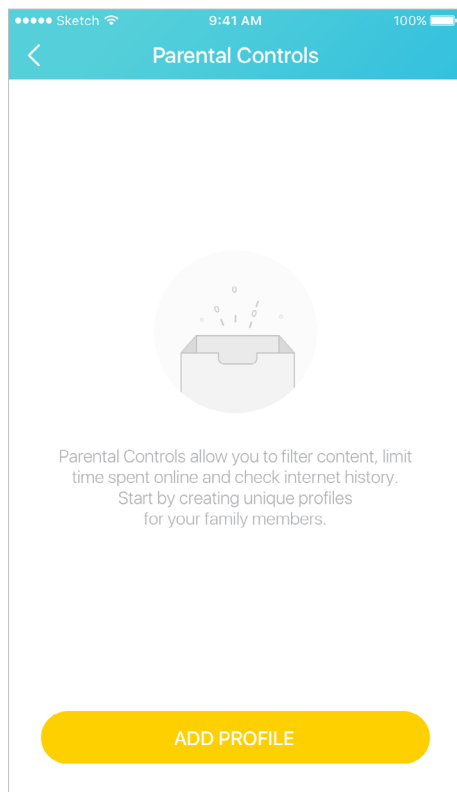
Shortcut executed



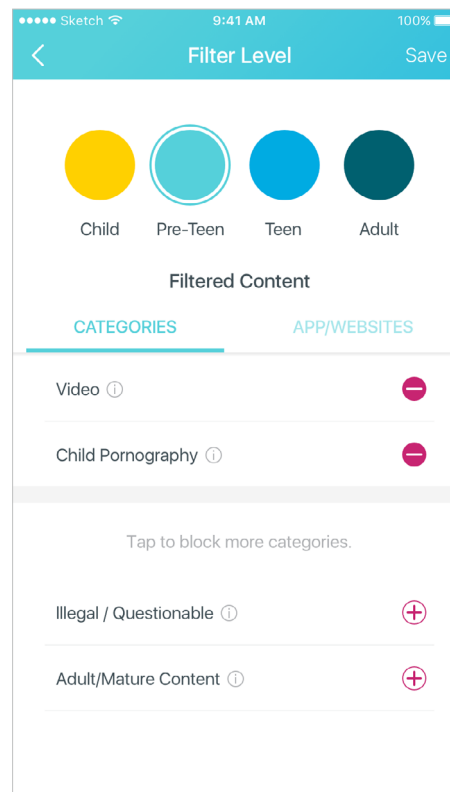
Parental Controls

Create profiles for family members and specify the devices that belong to each. Set individualized parental controls including when and for how long each person can access the internet. Block inappropriate content and pause the internet. Follow the steps below to set up parental controls.

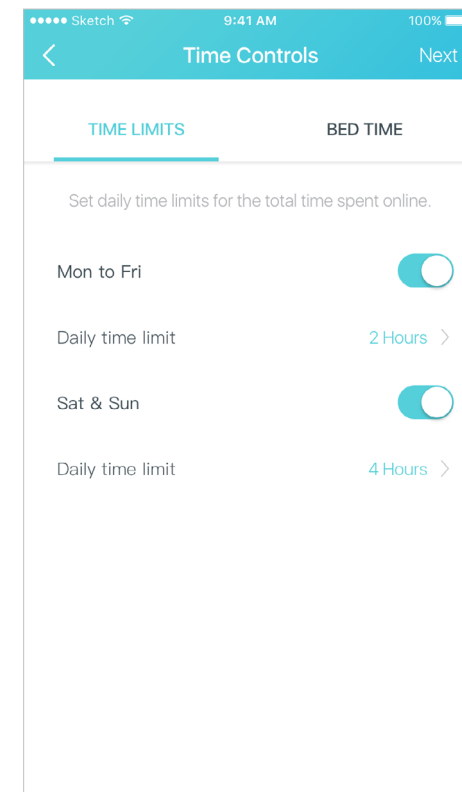
1. Tap ADD PROFILE to create a new profile.



2. Set filter level.



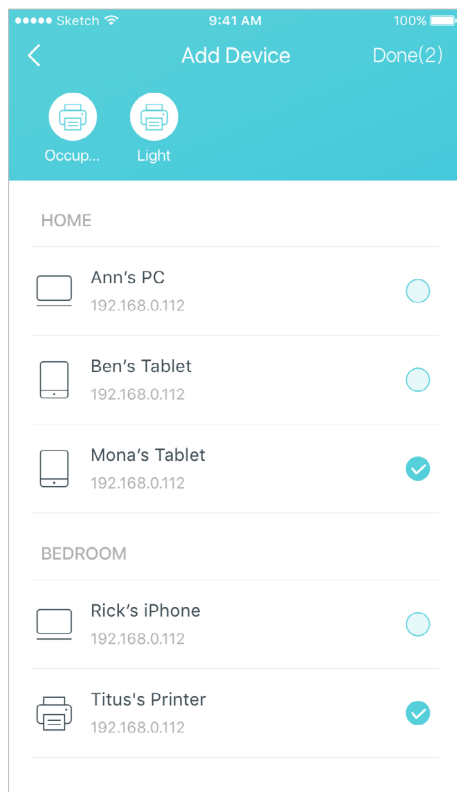
3. Set time controls.



Parental Controls

Follow the steps below to set parental controls.

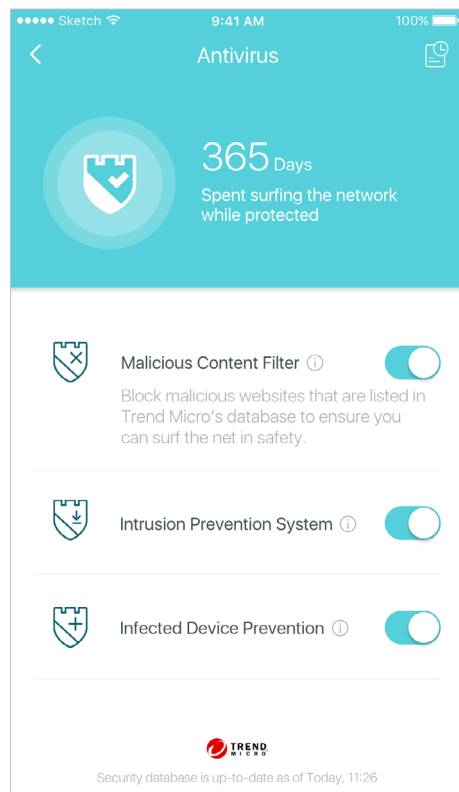
4. Add devices to this profile and tap Done.



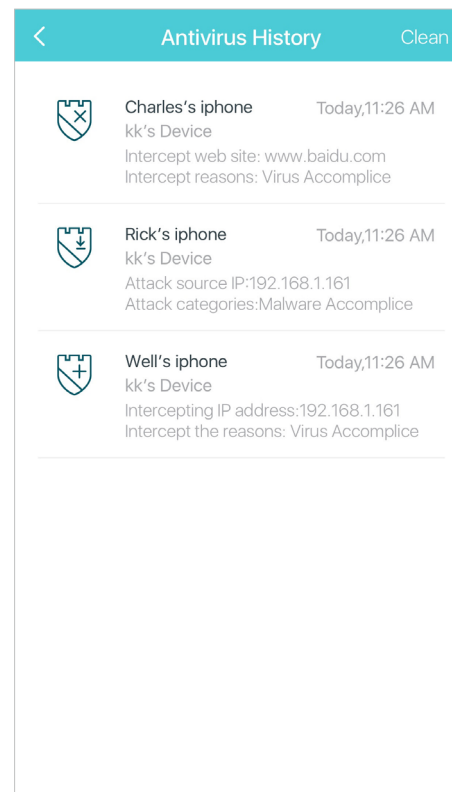
Antivirus

There are three ways Deco ensures your home network remains safe: by blocking malicious websites, by protecting the system and applications against external attacks and eliminating vulnerabilities, and by preventing infected devices from sending sensitive information outside your network.

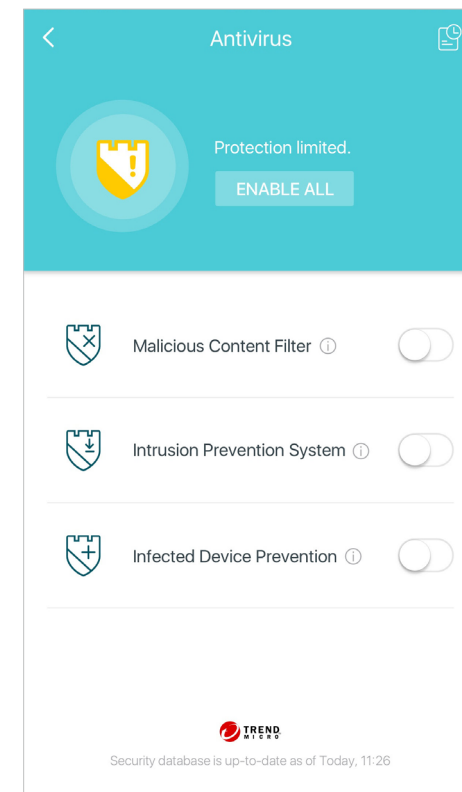
Protection enabled



Alert history



Protection disabled



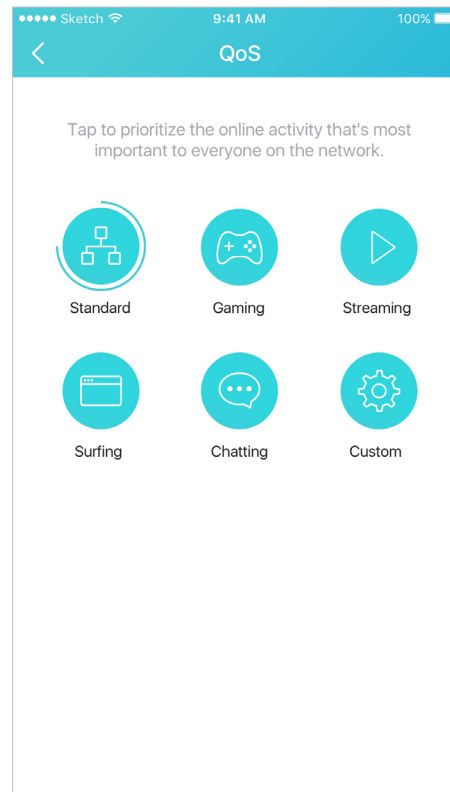
QoS

There are two ways to use the QoS (Quality of Service) function. You can prioritize the connection of a particular device for a set duration, such as a family member's laptop for one hour during a video call. You can also prioritize the online activity that's most important to the whole family, such as Streaming or Gaming.

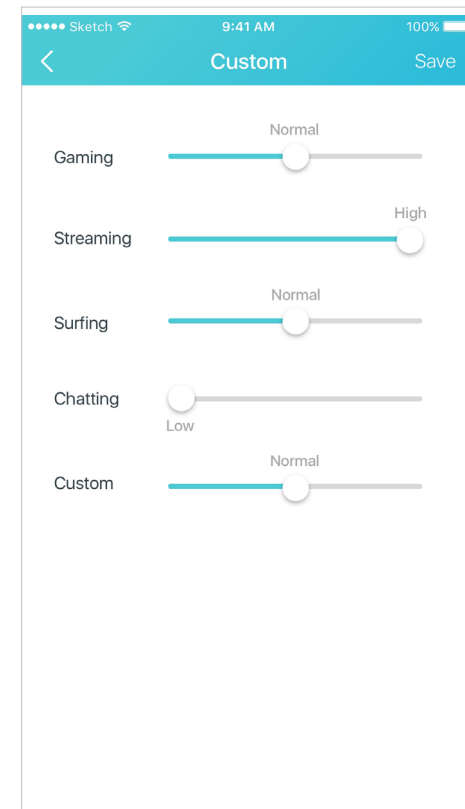
Prioritize a device



Prioritize an activity



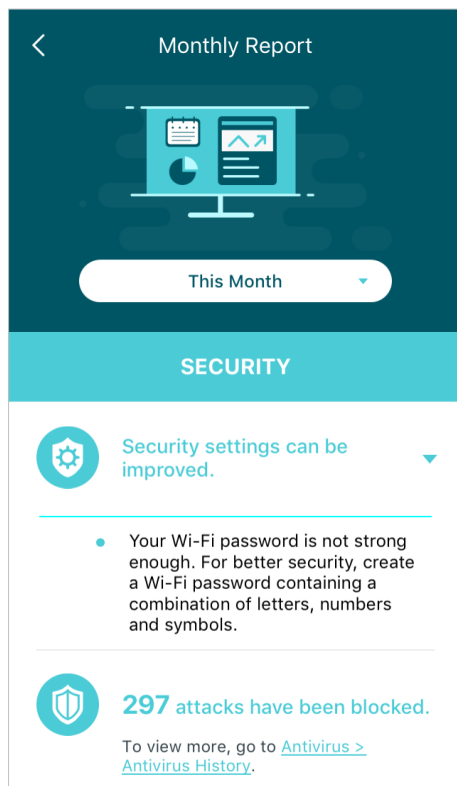
Customize



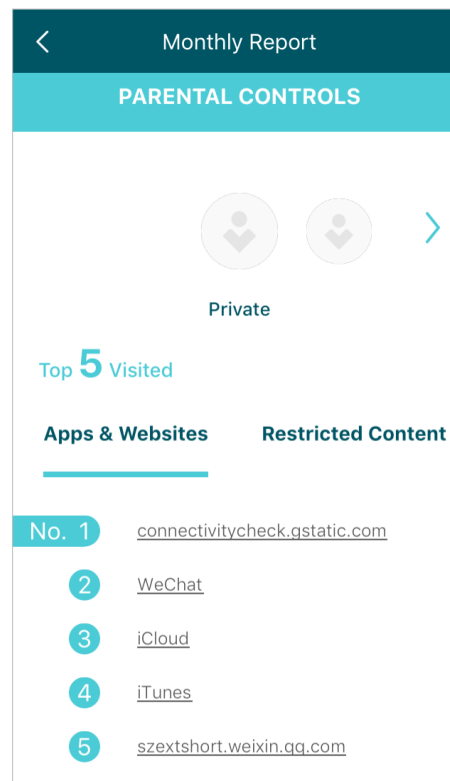
Monthly Report

Review a monthly list of usage, top 5 visited content, most frequently executed automations and shortcuts, and security threats.

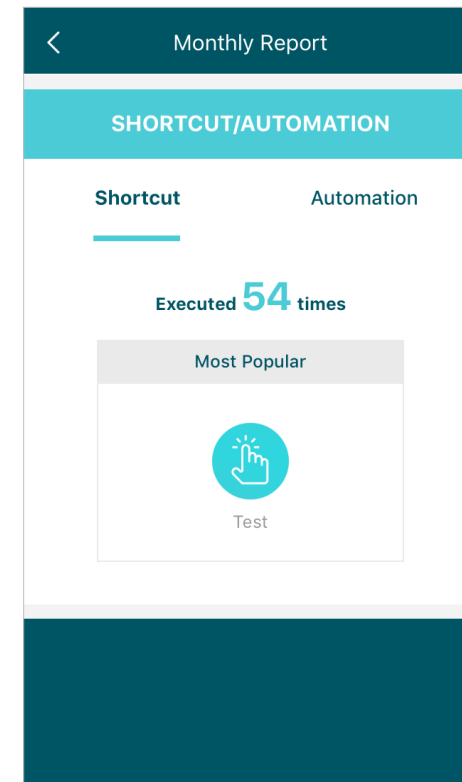
Safeguard your Deco network



Top 5 visited content under Parental Controls



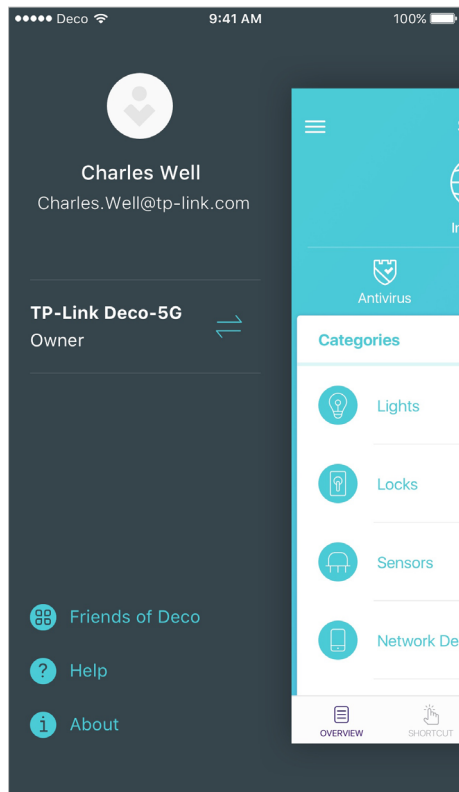
Most frequently executed Shortcut and Automation



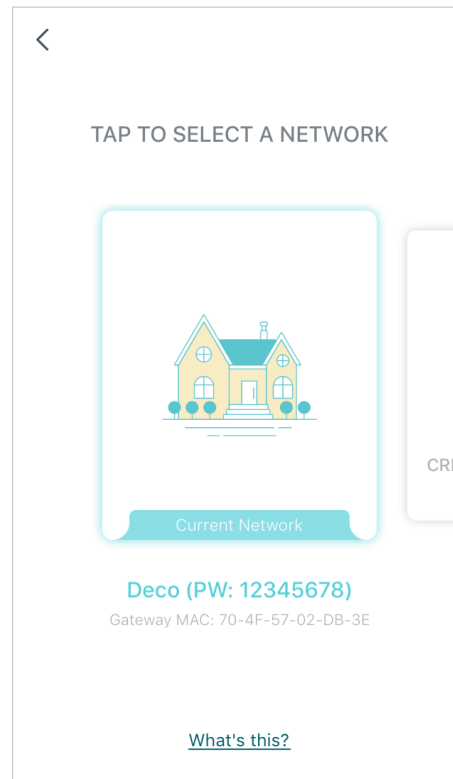
Switch and Create Network

You can create, manage and switch between different Deco networks bound to your TP-Link ID.

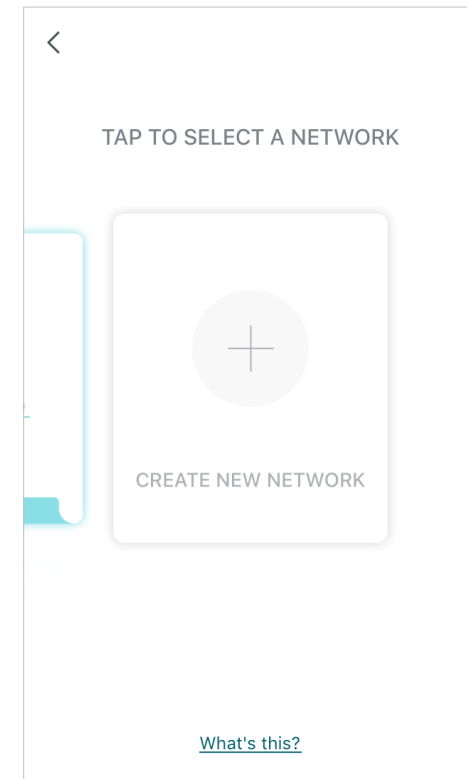
Swipe right and tap ➡



Swipe to switch a network to manage



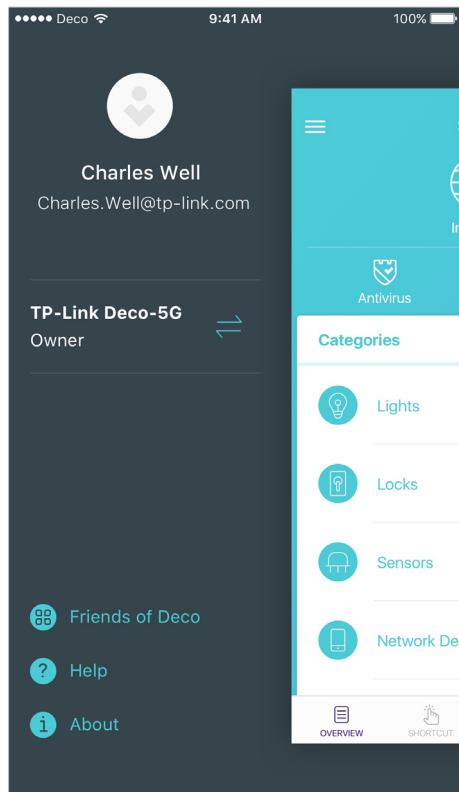
Swipe to create a new network



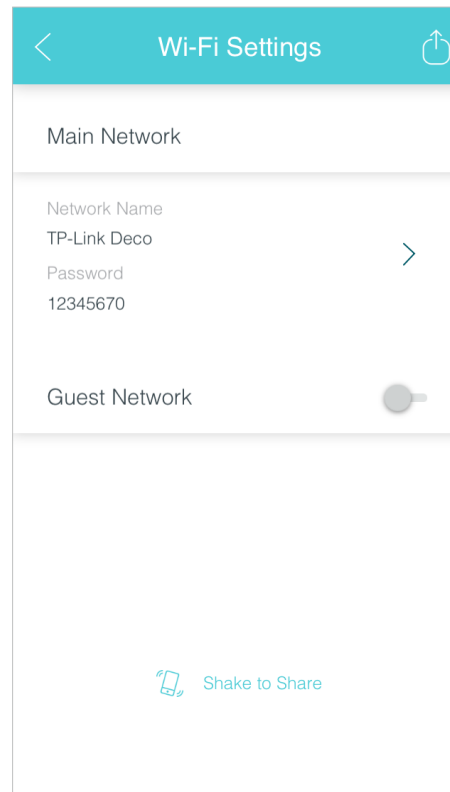
Friends of Deco

TP-Link works with Alexa and IFTTT. With Alexa, you can use your voice to control functions of the AC2200 Tri-Band Mesh Wi-Fi System. With IFTTT, you can create useful connections between devices, apps, services and websites to make your home smarter.

Friends of Deco



Alexa and IFTTT



Advanced Features

Additional features are available under the Advanced menu. You can modify WAN settings (IPv4 & IPv6), control Deco's LED, turn notifications off and on, create a domain name for your Deco, set up port forwarding rules to make your local computers accessible to other devices over the internet, reserve an IP address for a specific device and change the operating mode.

IPv4

<

IPv4

WAN

Internet Connection Type
Dynamic IPv6 >

IP Address
192.168.3.69

Subnet Mask
255.255.255.0

Default Gateway
192.168.3.1

Primary DNS
8.8.8.8

Secondary DNS
8.8.4.4

Note: Only the owner can configure the IPv4 settings.

IPv6

<

IPv6

IPv6 ☒

WAN

Internet Connection Type
Dynamic IP >

IP Address
2001:0DB8::1428:0000

Primary DNS
2001:da8:202:10::36

Secondary DNS
2001:da8:202:10::37

LAN

Address Prefix
2001:da8:202:10::36 /64

IP Address
2001:da8:202:10::37

LED Control

<

LED Control

LED ☐

Night Mode ☒

Every day, the LED will be off during this time period.

From 10:00PM >

Until 07:00AM >

Register a TP-Link DDNS domain name

<

Done

Register Domain Name

Domain name

.tplinkddns.com

Your domain name should meet the following criteria:

• Start with a letter or number;

• Contain only letters, numbers and hyphens;

• Not exceed 20 characters in length.

Enable or disable TP-Link DDNS feature

<

TP-Link DDNS

TP-Link DDNS

Domain Name

steven.tplinkddns.com

Note:

It's recommended not to change which Deco is connected to your modem. Otherwise, TP-Link DDNS will be affected.

www.

CHANGE DOMAIN NAME

Set up port forwarding rules

<

Port Forwarding

Done

Service Type

Custom >

Service Name

Internal IP

Select from Device >

External Port

53

XX-XX or XX

Internal Port

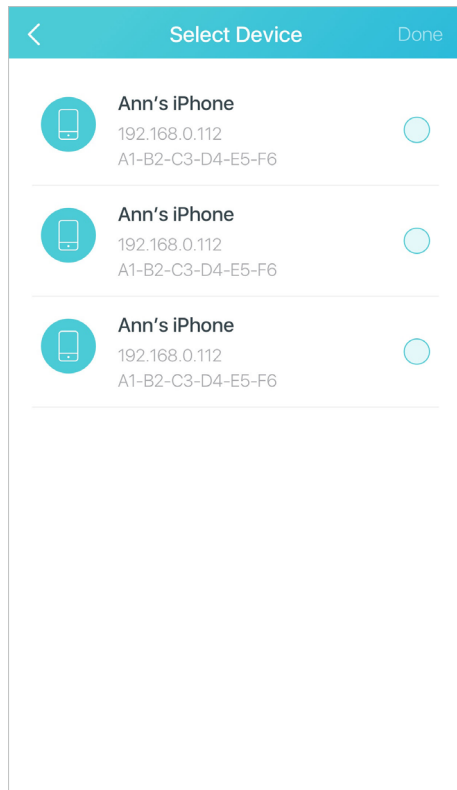
23

1-65535 or blank

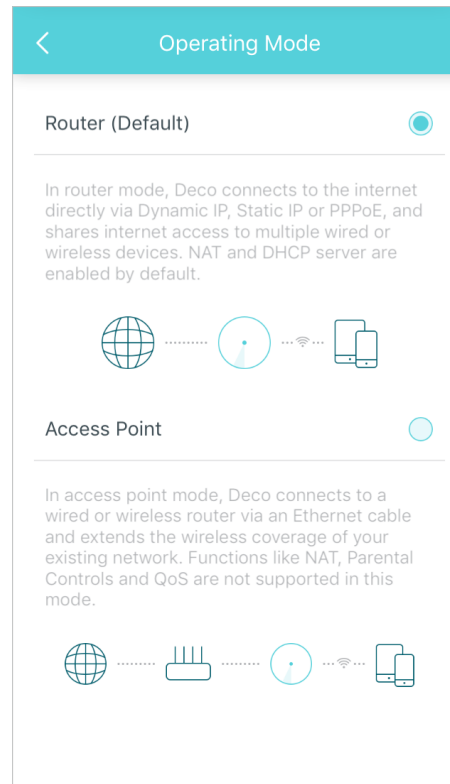
Protocol

UDP >

Reserve IP addresses for specific devices



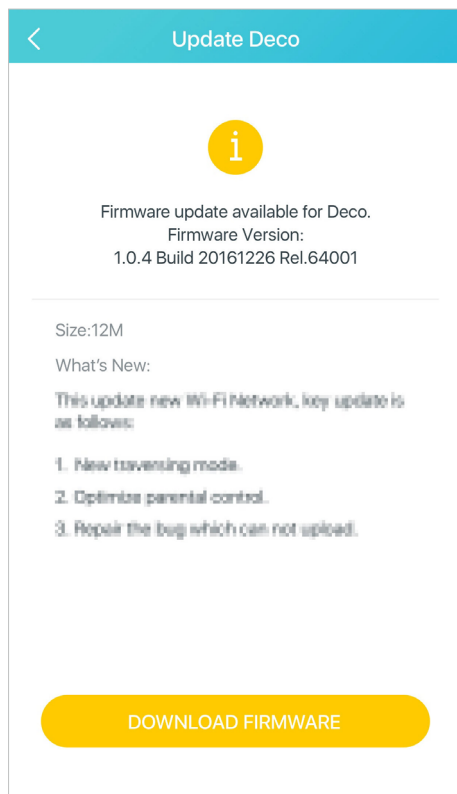
Change the operating mode



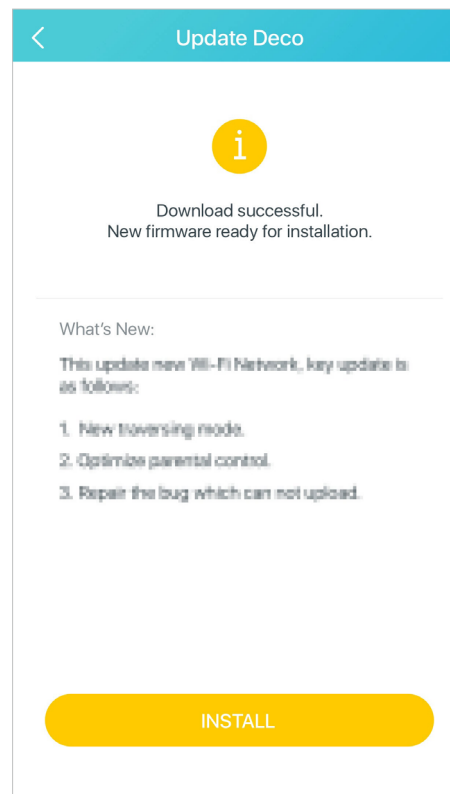
Online Upgrade

TP-Link is dedicated to improving product features and providing a better customer experience. Update Deco when prompted in the Deco app.

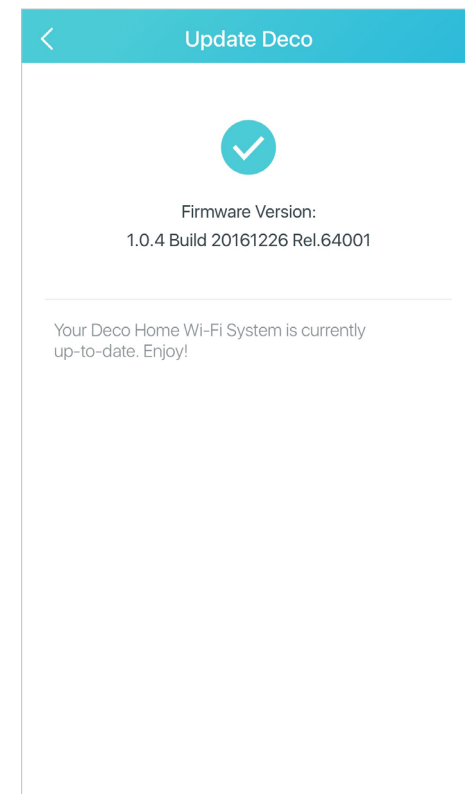
Download new firmware



Install new firmware



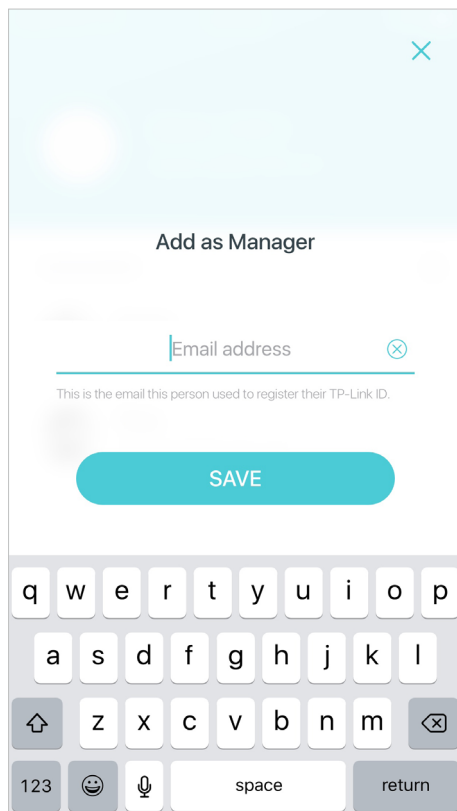
Up-to-date



Managers

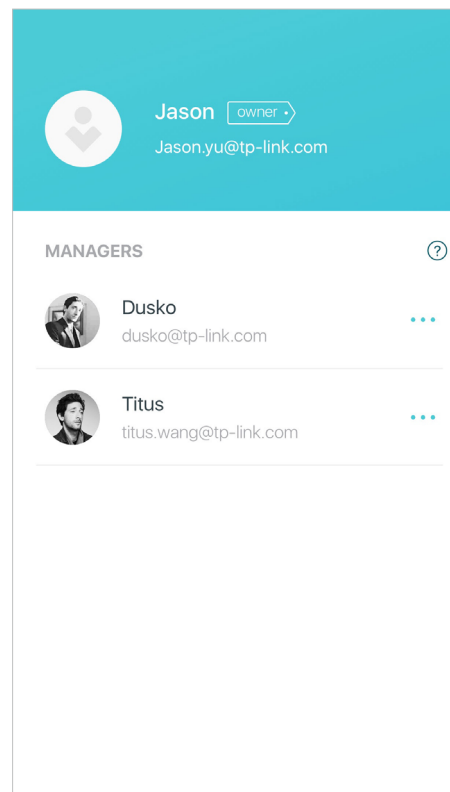
Add friends and family members to help manage your network. Each manager should have their own TP-Link ID.

Add as manager



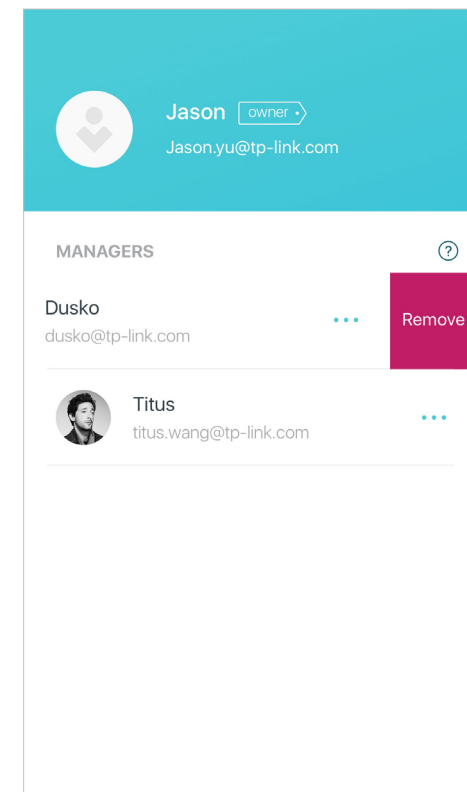
A dialog box titled "Add as Manager" with a close button (X) in the top right corner. It features a text input field labeled "Email address" with a clear button (X) on the right. Below the input field, a small note states: "This is the email this person used to register their TP-Link ID." At the bottom of the dialog is a large teal "SAVE" button. A virtual keyboard is visible at the bottom of the screen.

Manager list



The "Manager list" screen has a teal header bar. Below the header, the owner's profile is shown: a person icon, the name "Jason", a role badge "owner" with a dropdown arrow, and the email "Jason.yu@tp-link.com". The main section is titled "MANAGERS" with a help icon (?). It lists two managers: "Dusko" with email "dusko@tp-link.com" and "Titus" with email "titus.wang@tp-link.com". Each manager entry has a circular profile picture and a three-dot menu icon to its right.

Remove a manager



This screen is identical to the "Manager list" screen, but with an additional red "Remove" button positioned to the right of the "Dusko" manager entry. The "MANAGERS" title and the list of managers remain the same.

Authentication

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FCC STATEMENT



Product Name: AC2200 Smart Home Mesh Wi-Fi System

Model Number: Deco M9 Plus

Component Name	Model
I.T.E POWER SUPPLY	T120200-2B4

Responsible party:

TP-Link USA Corporation, d/b/a TP-Link North America, Inc.

Address: 145 South State College Blvd. Suite 400, Brea, CA 92821

Website: <http://www.tp-link.com/us/>

Tel: +1 626 333 0234

Fax: +1 909 527 6803

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.

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: 2018-03-02

FCC compliance information statement



Product Name: I.T.E POWER SUPPLY

Model Number: T120200-2B4

Responsible party:

TP-Link USA Corporation, d/b/a TP-Link North America, Inc.

Address: 145 South State College Blvd. Suite 400, Brea, CA 92821

Website: <http://www.tp-link.com/us/>

Tel: +1 626 333 0234

Fax: +1 909 527 6803

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:

- 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.
- 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.

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: 2018-03-02

CE Mark Warning



This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

OPERATING FREQUENCY(the maximum transmitted power)

2412MHz—2472MHz(20dBm)

5180MHz—5240MHz(23dBm)

EU declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC and 2011/65/EU.

The original EU declaration of conformity may be found at <http://www.tp-link.com/en/ce>

RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.

Restricted to indoor use.

Canadian Compliance Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie 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'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

Caution:

1. The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
2. For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate; and

The high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avertissement:

1. Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
2. Le gain maximal d'antenne permis pour les dispositifs avec antenne(s) amovible(s) utilisant la bande 5725-5850 MHz doit se conformer à la limitation P.I.R.E spécifiée pour l'exploitation point à point et non point à point, selon le cas.

En outre, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5745-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

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)

Korea Warning Statements:

당해 무선설비는 운용중 전파혼신 가능성이 있음.



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Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended
- Do not use the device where wireless devices are not allowed.
- Adapter shall be installed near the equipment and shall be easily accessible.
-  Use only power supplies which are provided by manufacturer and in the original packing of this product. If you have any questions, please don't hesitate to contact us.

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.

For EU/EFTA, this product can be used in the following countries:

AT	BE	BG	CH	CY	CZ	DE	DK
EE	EL	EF	FI	FR	HR	HU	IE
IS	IT	LI	LT	LU	LV	MT	NL
NO	PL	PT	RO	SE	SI	SK	UK

Explanation of the symbols on the product label

Symbol	Explanation
	DC voltage
	Indoor use only
	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.