deco™ | Smart Home Mesh Wi-Fi System
Whole Home Wi-Fi | Seamless Roaming | Parental Controls | Antivirus

tp-link

User Guide

AC1300 Smart Home Mesh Wi-Fi System
Deco M1300

Contents

About This Guide

This guide provides a brief introduction to AC1300 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 AC1300 Smart Home Mesh Wi-Fi System/Unit.
Underline	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 https://www.tp-link.com.

- A community is provided for you to discuss our products at https://community.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 https://www.tp-link.com/support.

Speed/Coverage/Device Quantity Disclaimer

Maximum wireless transmission rates are the physical rates derived from IEEE Standard 802.11 specifications. Range, coverage, and maximum quantity of connected devices are based on test results under normal usage conditions. Actual wireless data throughput. wireless coverage, and quantity of connected devices are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) client limitations, including rated performance, location, connection quality, and client condition.

HomeCare Disclaimer

A basic TP-Link HomeCare™, powered by Trend Micro™, package is included for 3 years from date of activation at no additional cost. It includes Parental controls, Quality of Service, and Antivirus. Deactivation of HomeCare™ will disable certain controls and protections. For a complete list of HomeCare™ functions, go to www.tp-link.com.
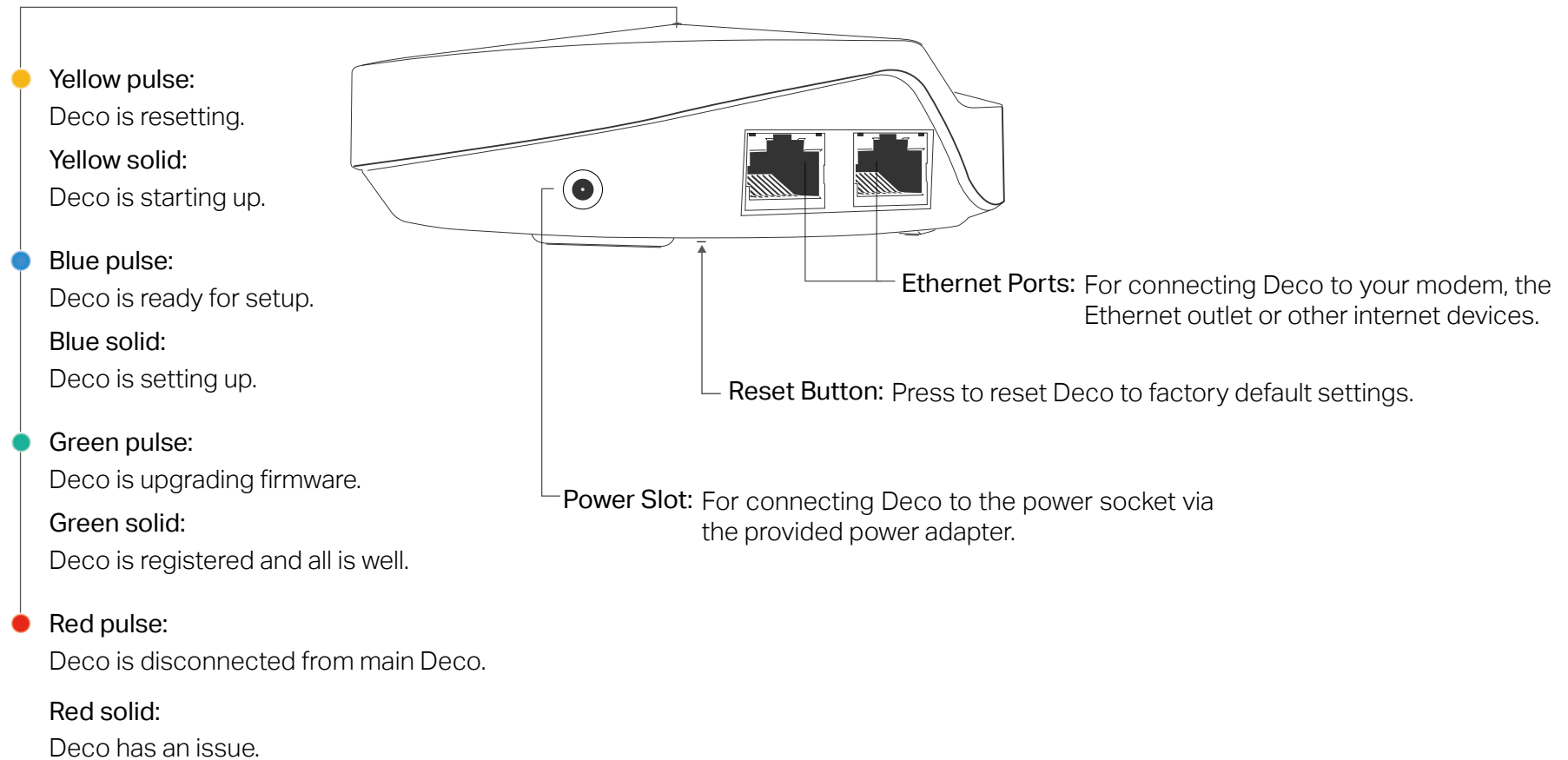
IoT Compatibility Disclaimer

IoT compatibility refers only to smart devices that can be controlled via the Deco app. Other wireless devices can still connect to Deco for normal Wi-Fi use.

Seamless Roaming Disclaimer

Clients need to support 802.11k/v/r and may require additional set up. Performance may vary depending on the client device.

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:

Yellow pulse:
Deco is resetting.

Yellow solid:
Deco is starting up.

Blue pulse:
Deco is ready for setup.

Blue solid:
Deco is setting up.

Green pulse:
Deco is upgrading firmware.

Green solid:
Deco is registered and all is well.

Red pulse:
Deco is disconnected from main Deco.

Red solid:
Deco has an issue.

Ethernet Ports: For connecting Deco to your modem, the Ethernet outlet or other internet devices.

Reset Button: Press to reset Deco to factory default settings.

Power Slot: For connecting Deco to the power socket via the provided power adapter.

Set Up Your Deco

Follow the steps below to set up your 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

GET IT ON
Google Play

Download on the
App Store

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.

deco
Paint Your Home in Wi-Fi

LOG IN

SIGN UP
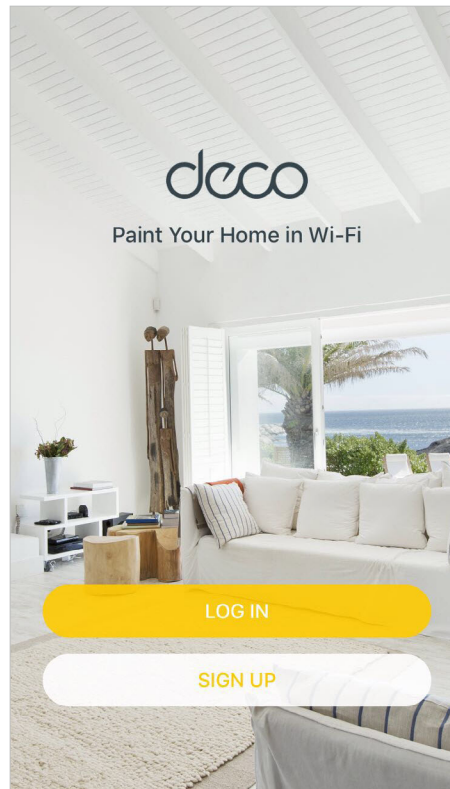
3. Connect your modem to Deco

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.

Sketch   9:41 AM   100%

②   ① LAN   ③

Plug in your devices

Connect your modem to either Ethernet port on Deco and power them both on.

NEXT

3
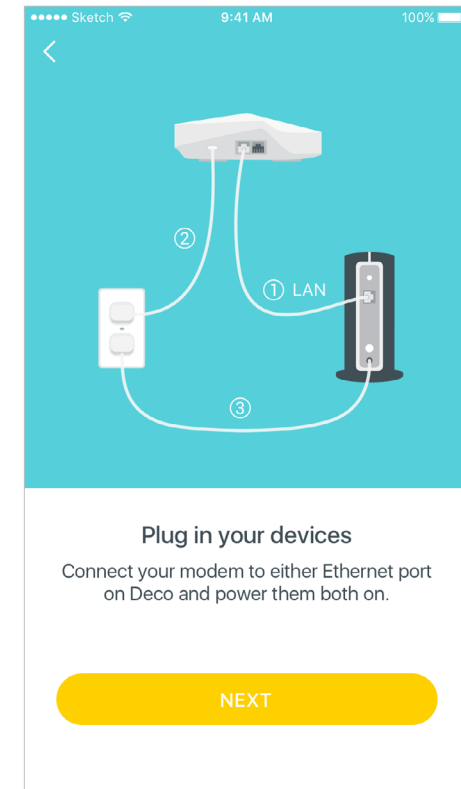
4. Select a location

Select a location for this Deco. If its location is not listed, you can create a new one by choosing Custom.
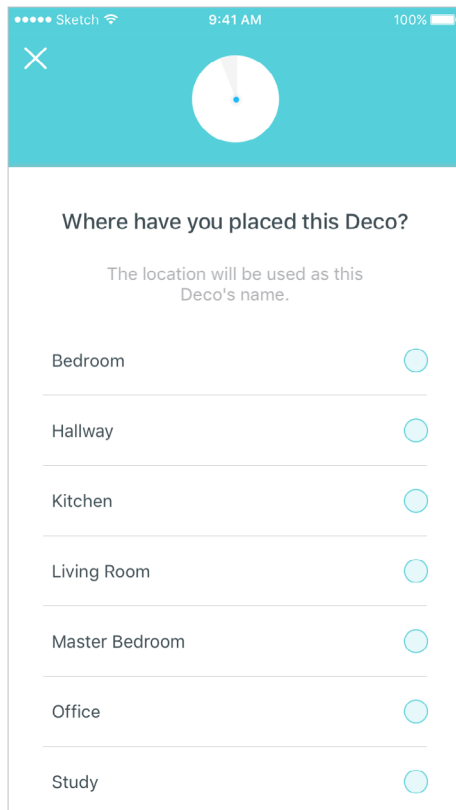
5. Create your Wi-Fi network

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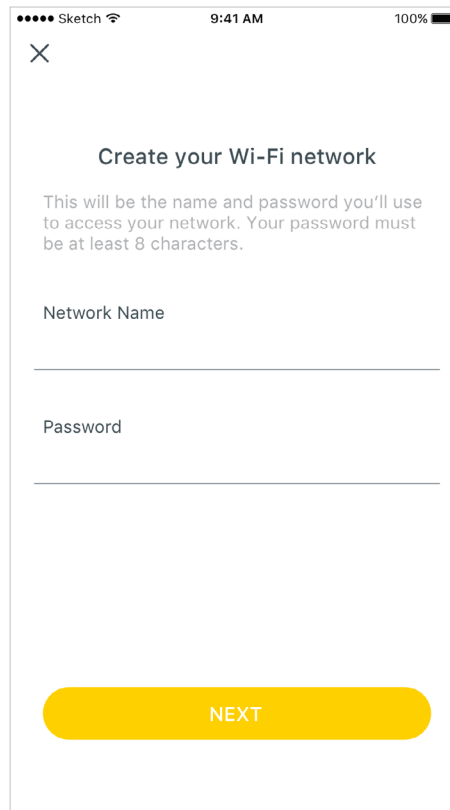
6. Add more Decos

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.


Where have you placed this Deco?

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

Bedroom

Hallway

Kitchen

Living Room

Master Bedroom

Office

Study

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

Complete

You can now connect your devices to this network:
Deco

ADD ANOTHER DECO

I'M DONE FOR NOW

4

Add Smart Home Devices

This Deco 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 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 plugs. Follow the steps below to add smart home devices to your Deco network.
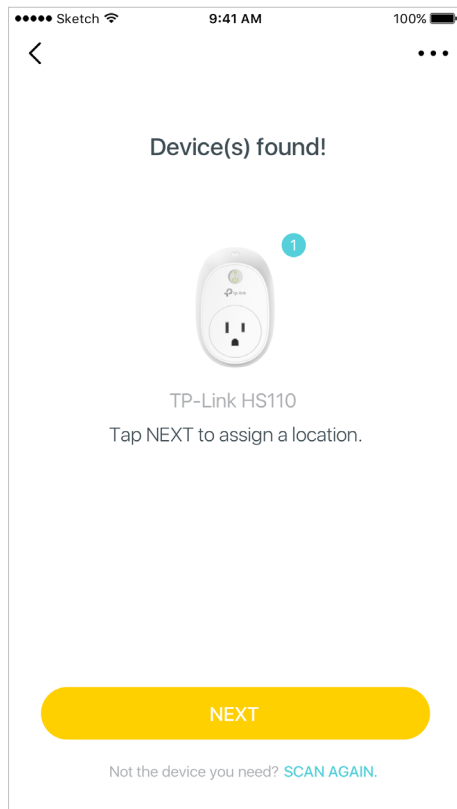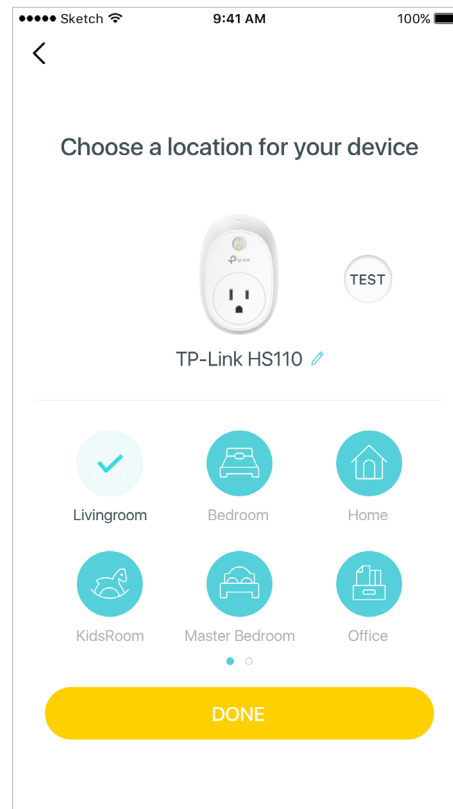
1. On the Dashboard page, tap ⊕.
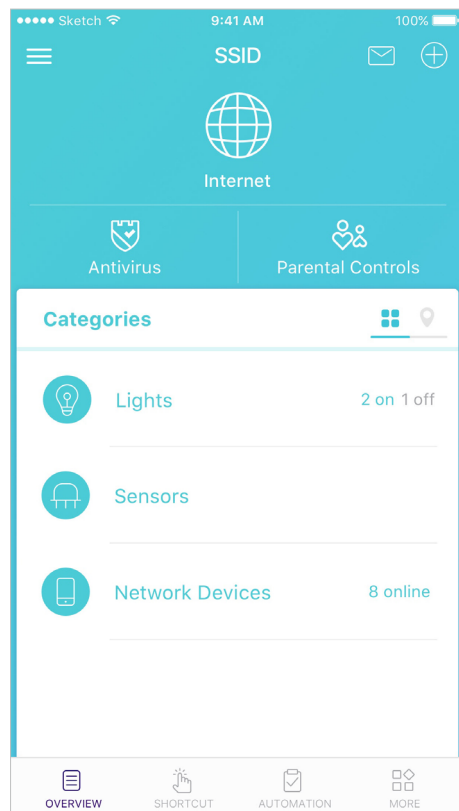
2. Tap SMART DEVICES.
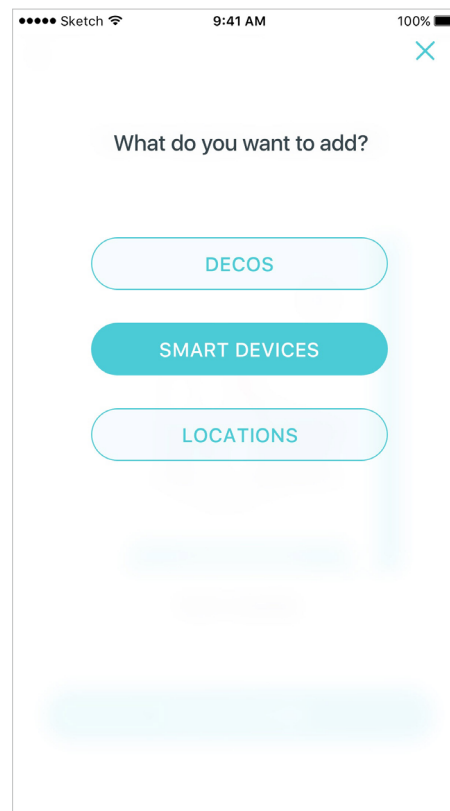
3. Select your smart device type.
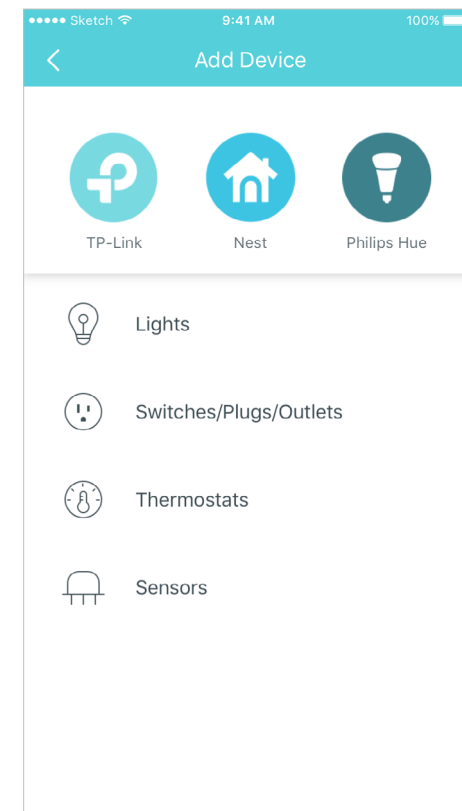
4. Follow the app's guide to find your smart device(s).

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

•••• Sketch 🔋   9:41 AM   100% ▪▪▪

< • • •

Device(s) found!

1

TP-Link HS110

Tap NEXT to assign a location.

NEXT

Not the device you need? SCAN AGAIN.

•••• Sketch 🔋   9:41 AM   100% ▪▪▪

<

Choose a location for your device

TEST

TP-Link HS110 ✎

✓
Livingroom

Bedroom

Home

KidsRoom

Master Bedroom

Office

● ○

DONE

Dashboard

After you successfully set up your Deco network, you will see the dashboard of the Deco app. Here you can view the connected devices and manage your network.

View connected devices
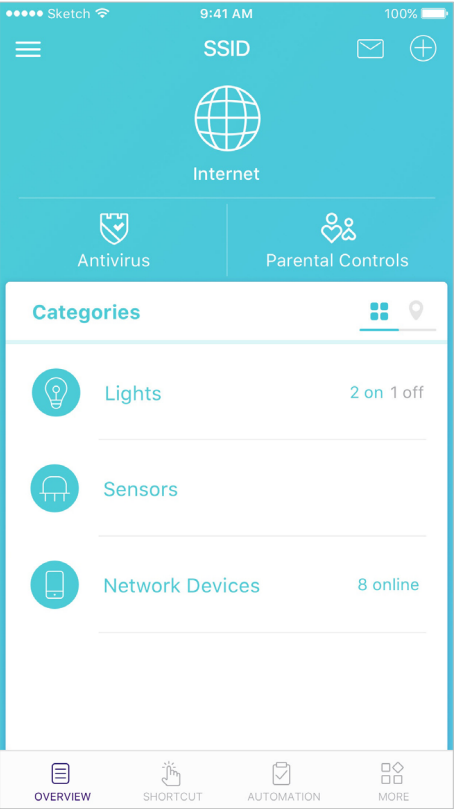
Swipe right
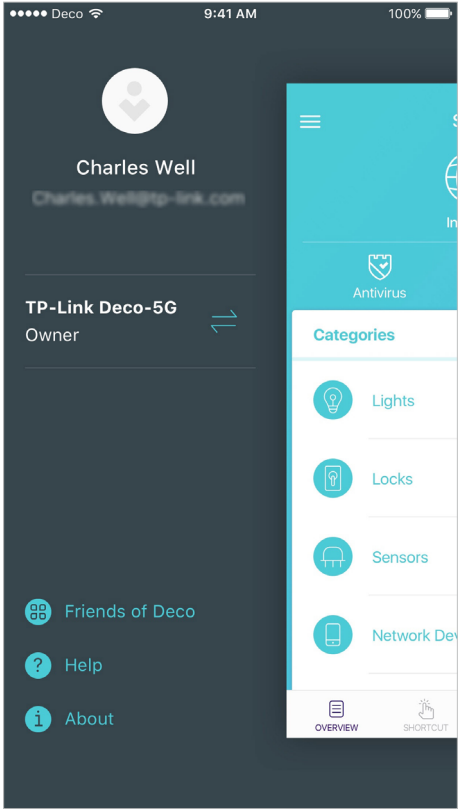
Tap MORE
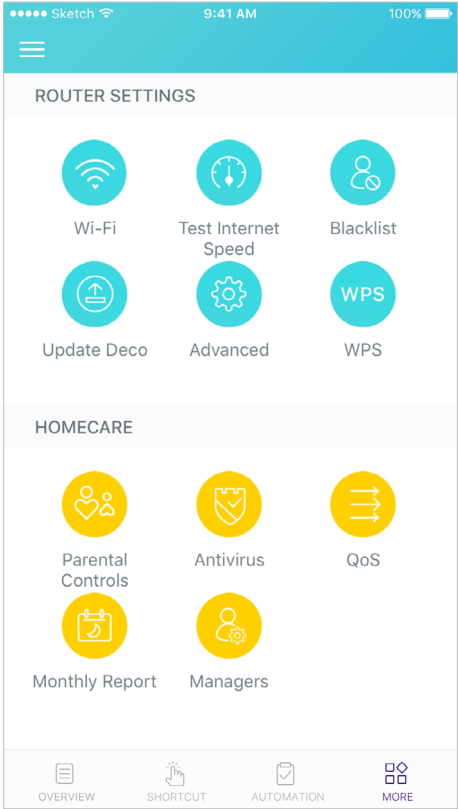
Wi-Fi Settings

Customize the network name and password of your main network or create a separate network for guests, and shake your device to share the network details easily with family and friends.
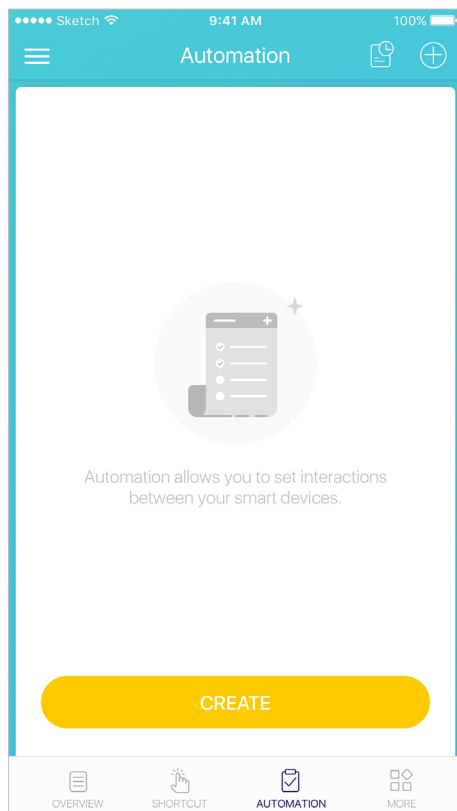
Customize the main network
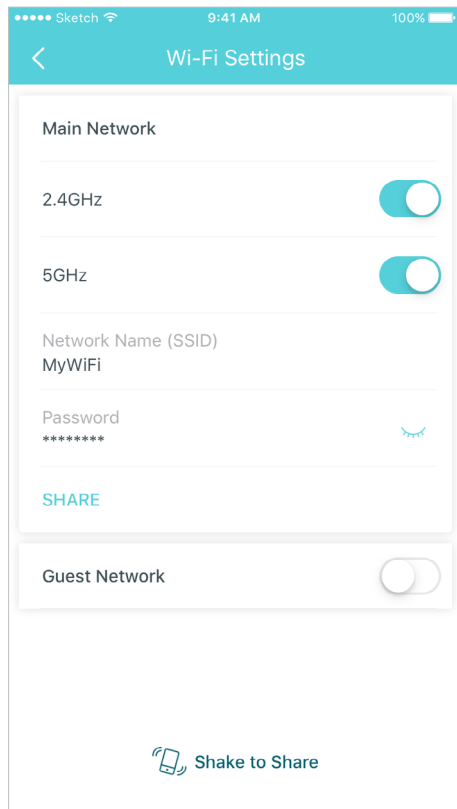
Create a guest network
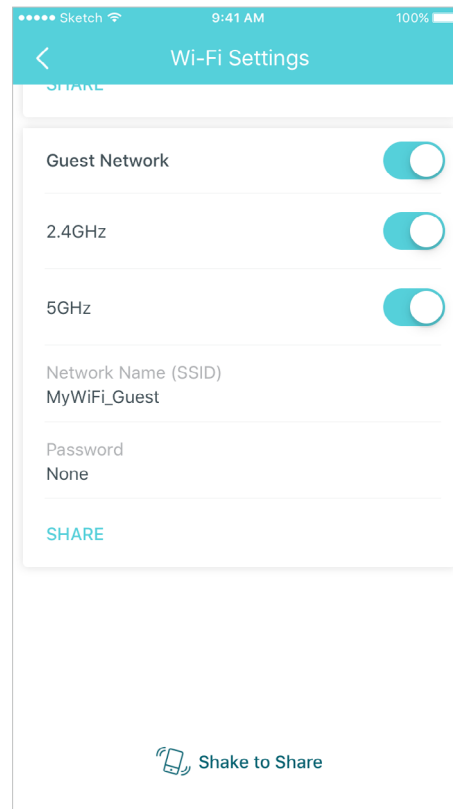
Shake to share Wi-Fi
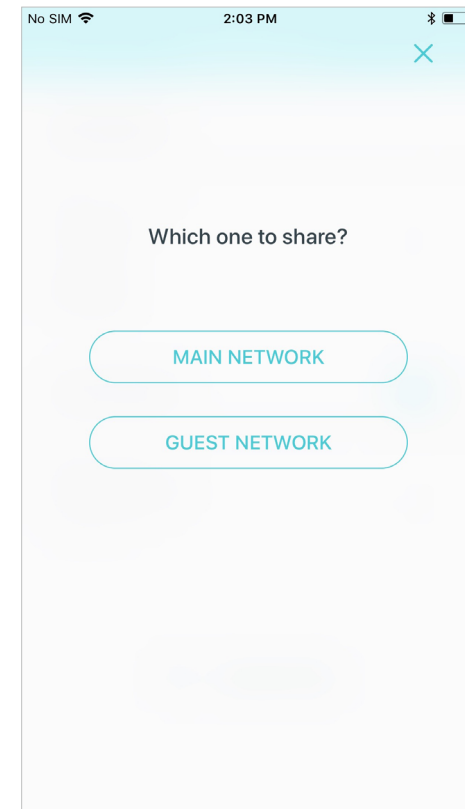
Automation

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).

Automation
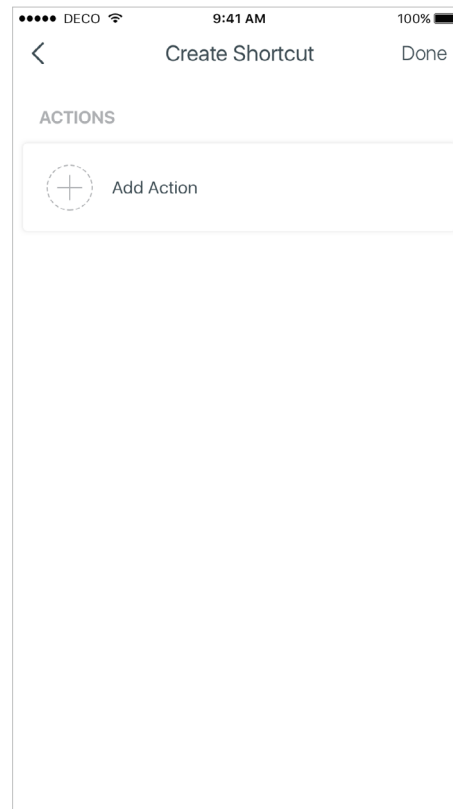

Create automations
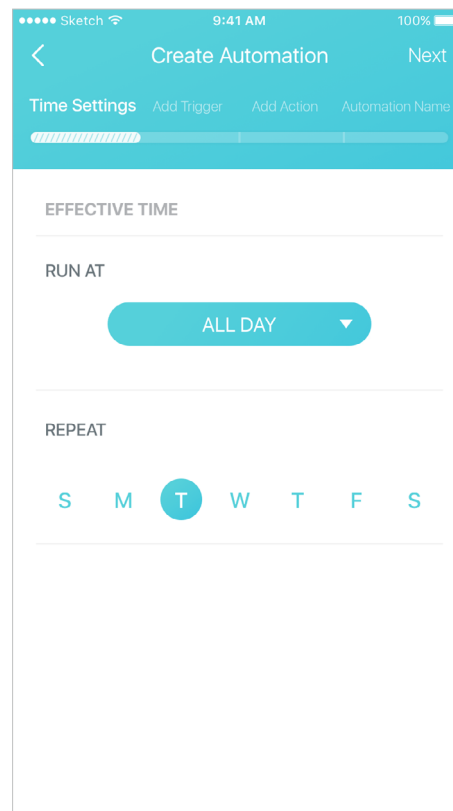
Tap to manage automations
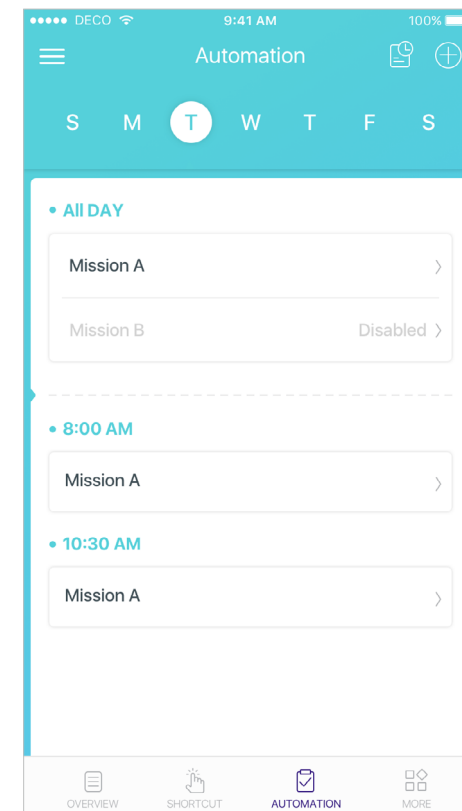
Shortcut
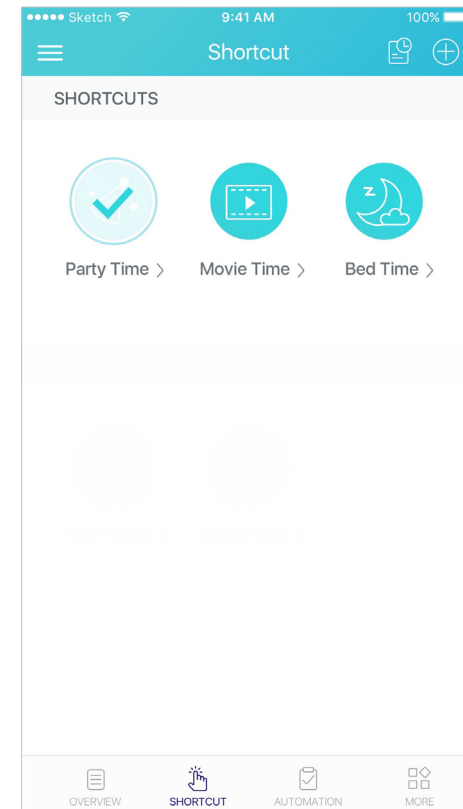
With the tap of an icon, execute a shortcut you created.
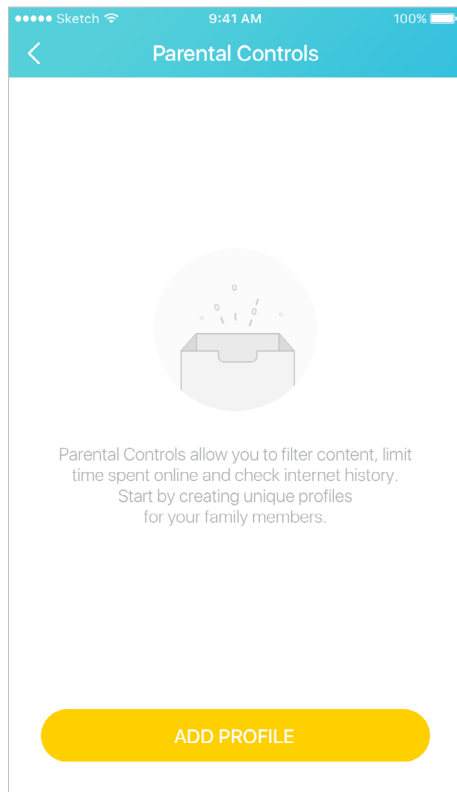
Shortcut
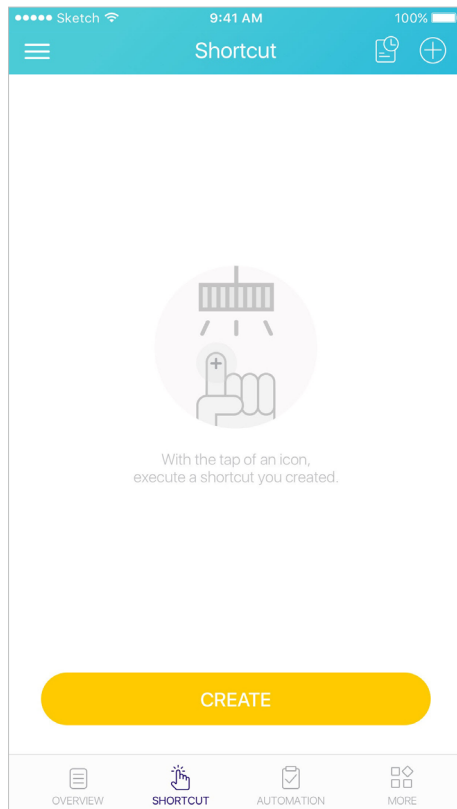
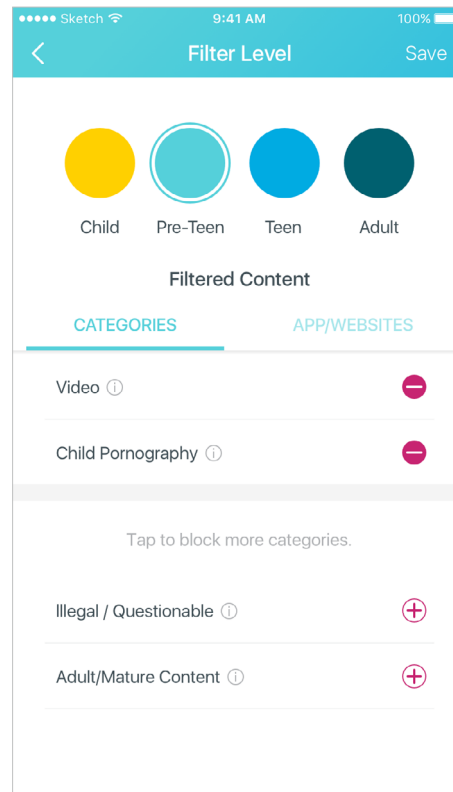## Create shortcuts

Tap to execute shortcuts

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.
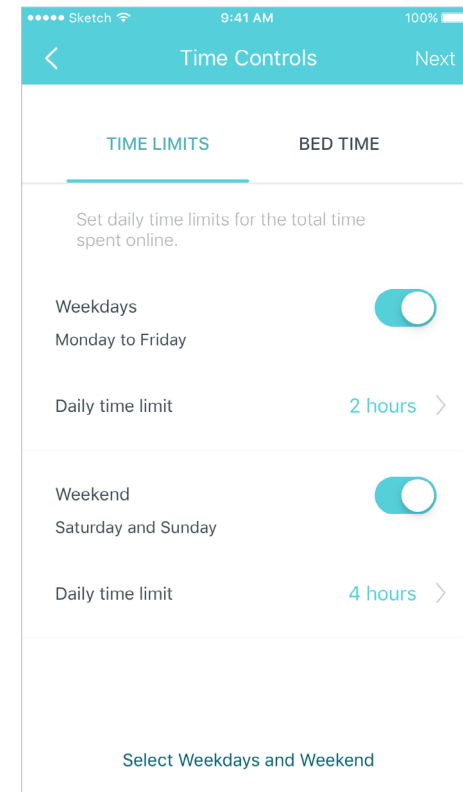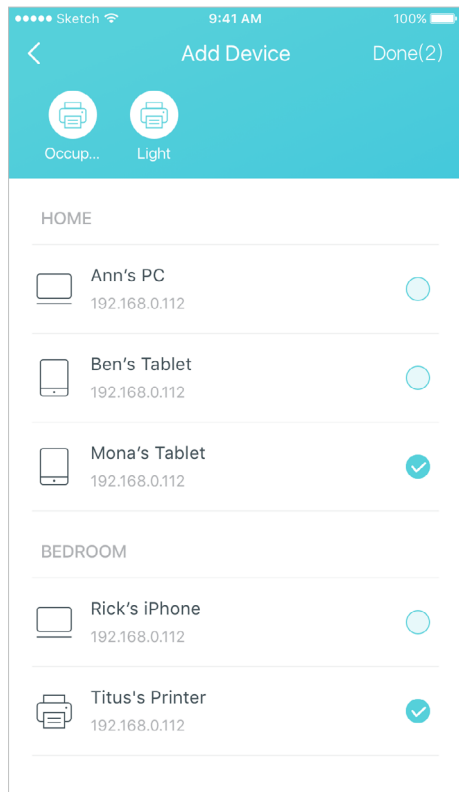
Parental Controls

### Set filter level

Set time controls

Add devices to control

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.
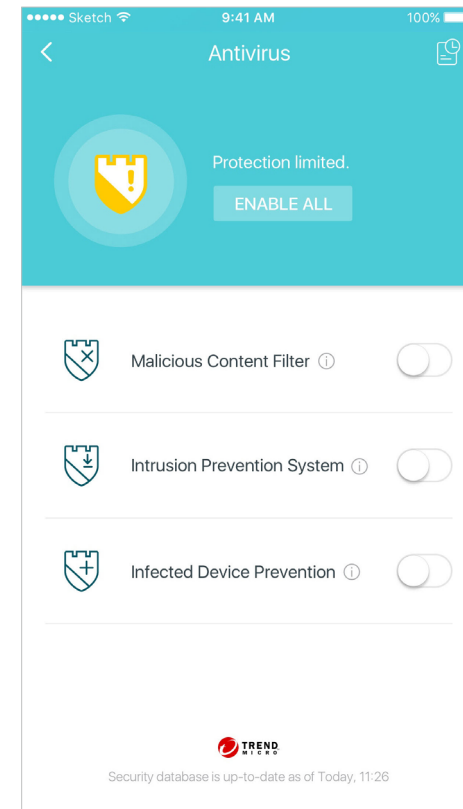
Protection enabled
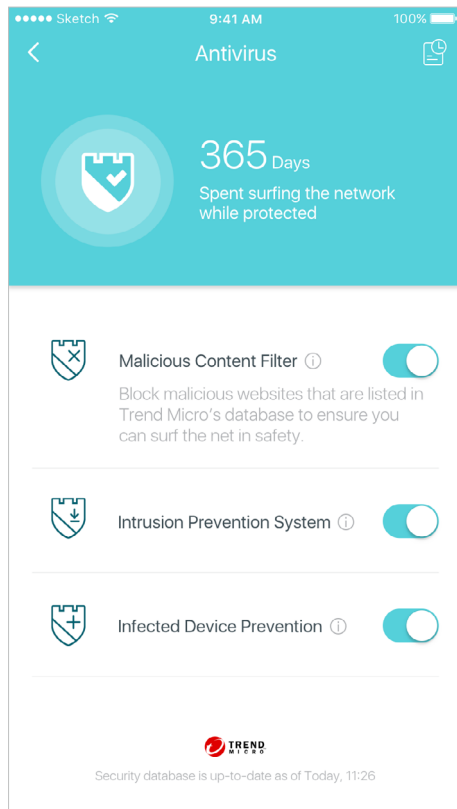
## Alert history
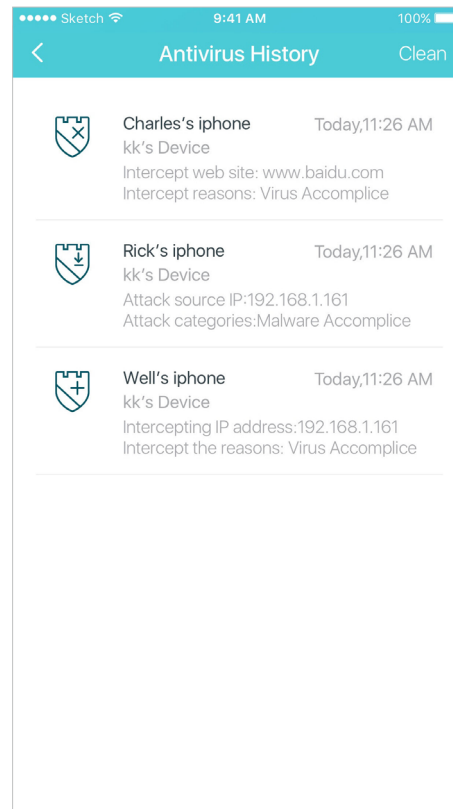
Protection disabled

QoS

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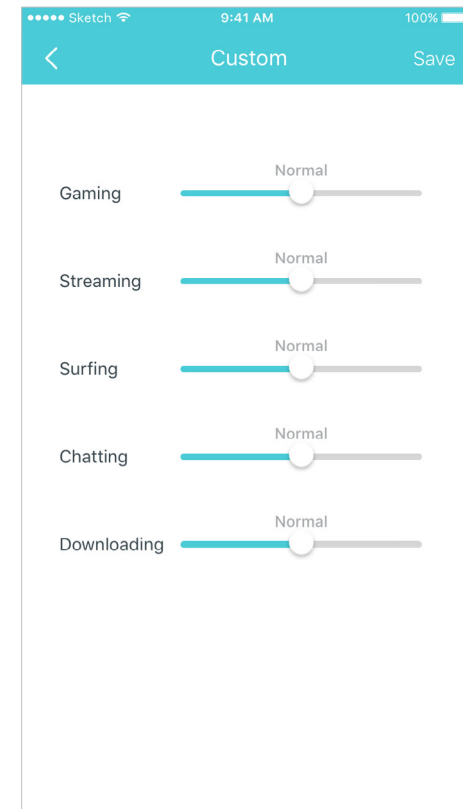
Prioritize a device from the dashboard

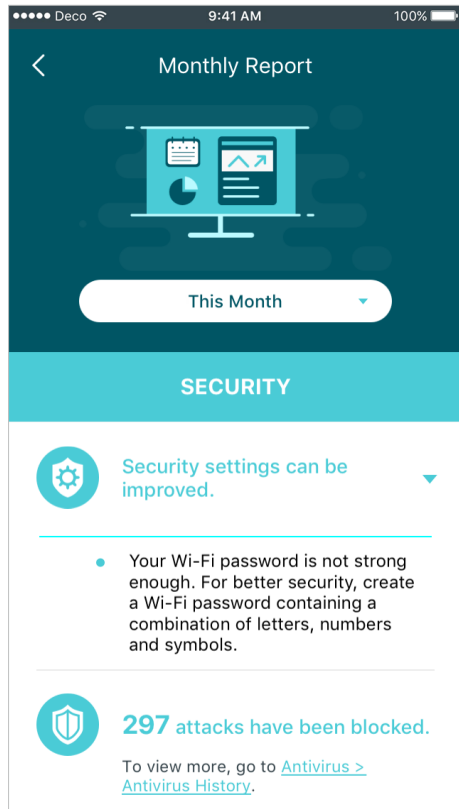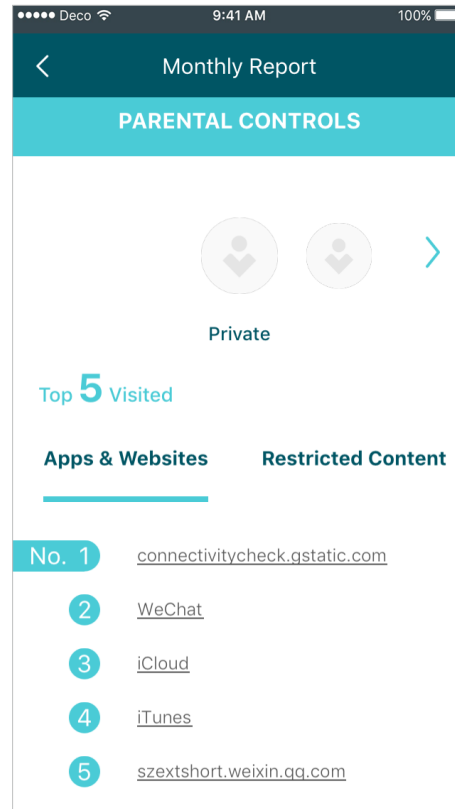Prioritize devices or an activity on QoS page
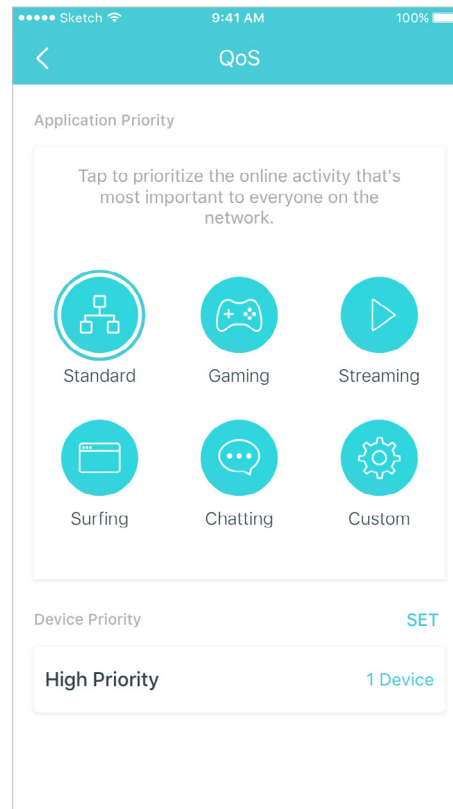
Customize

Monthly Report

Review a monthly list of usage, such as security threats, top 5 visited contents, most frequently executed shortcuts and automations, and more.

Safeguard your Deco network

Top 5 visited contents under Parental Controls

Most frequently executed shortcuts and automations
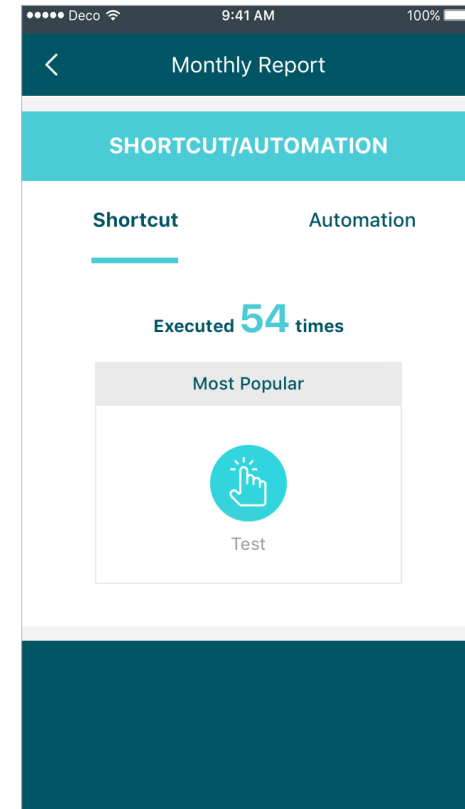
Switch and Create Network

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. With Alexa, you can use your voice to control functions of the Deco.

Friends of Deco

Advanced Features

Additional features are available under the Advanced menu. You can configure and change settings according to your needs.
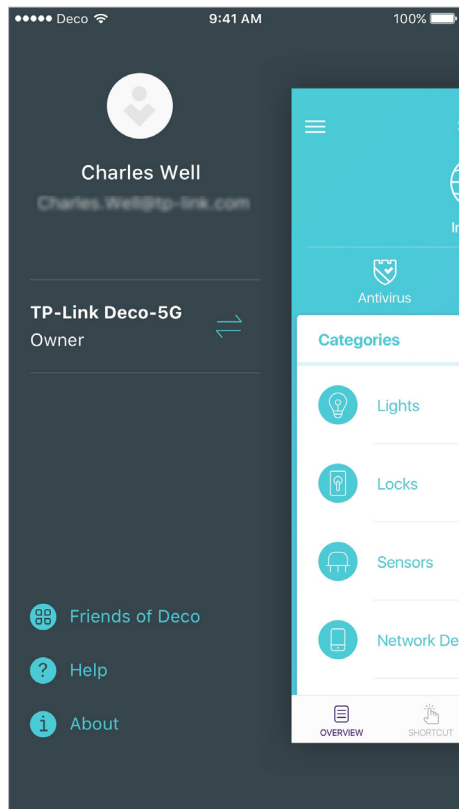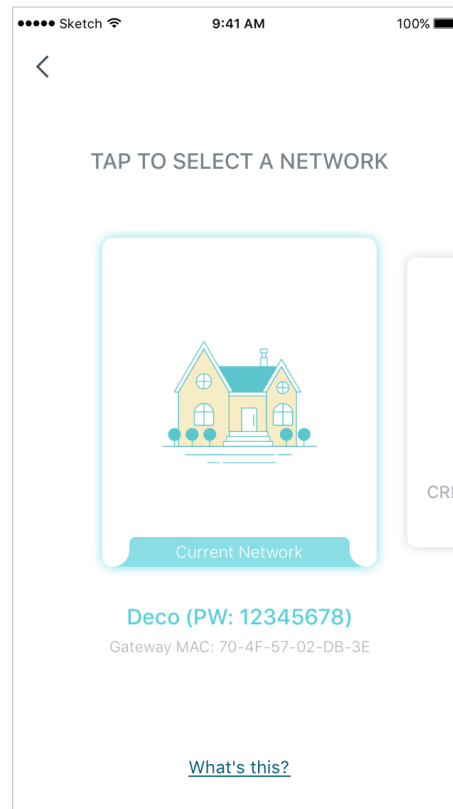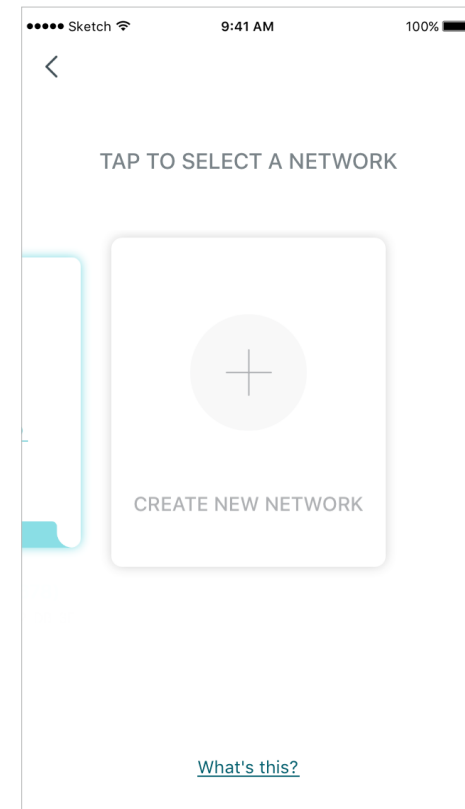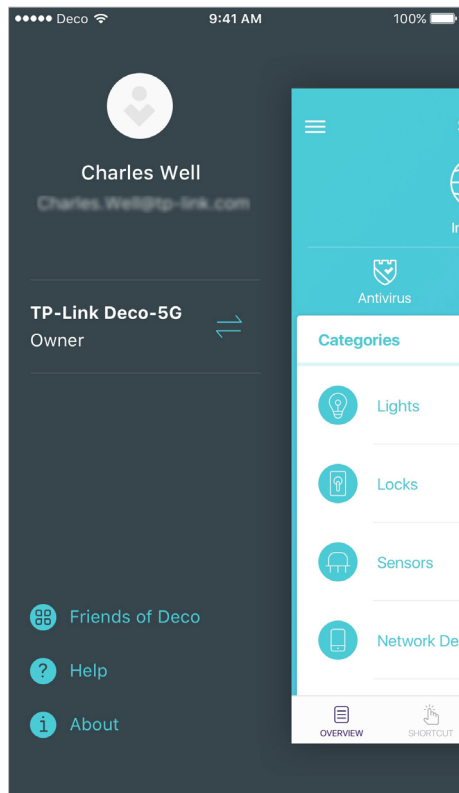
Advanced features
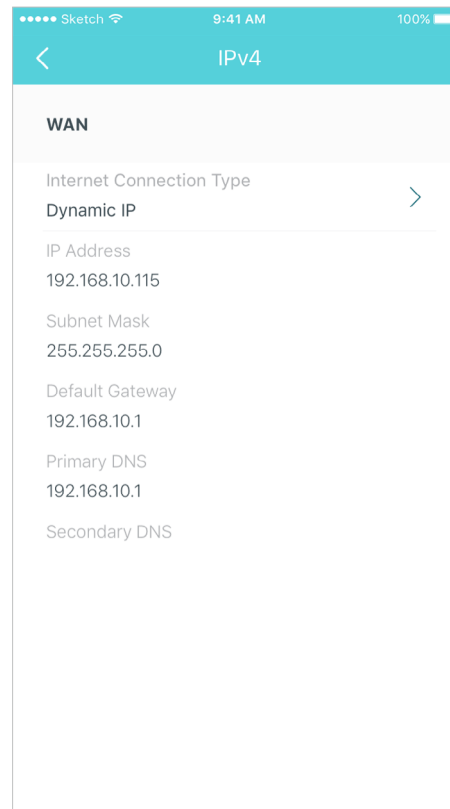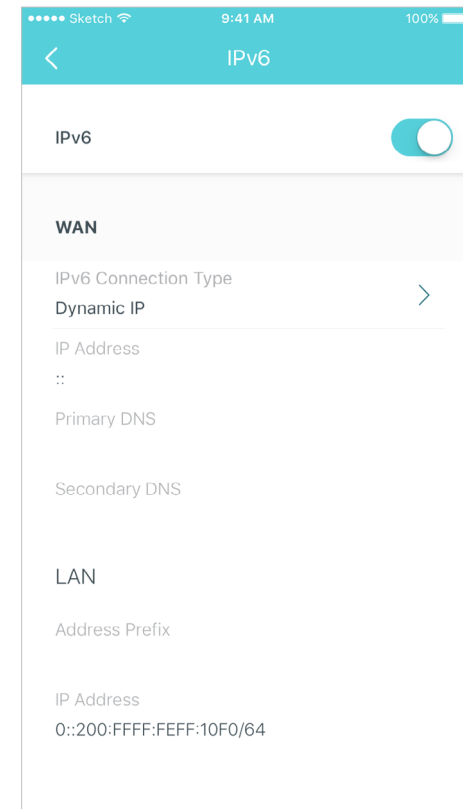
IPv4	Dynamic IP	>
IPv6	Disabled	>
VLAN	Disabled	>
Address Reservation		>
Port Forwarding		>
TP-Link DDNS	Disabled	>
Fast Roaming	Disabled	>
LED Control		>
Operating Mode	Router	>
Notifications	Enabled	>

Advanced (9:41 AM, 100%)
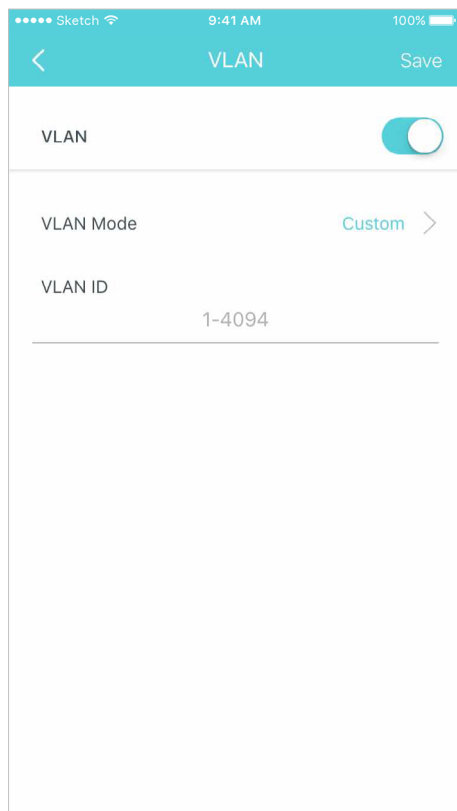
Change IPv4 settings

IPv4 (9:41 AM, 100%)

WAN

Internet Connection Type
Dynamic IP >

IP Address
192.168.10.115

Subnet Mask
255.255.255.0

Default Gateway
192.168.10.1

Primary DNS
192.168.10.1

Secondary DNS

Change IPv6 settings

IPv6 (9:41 AM, 100%)

IPv6 ⬤

WAN

IPv6 Connection Type
Dynamic IP >

IP Address
::

Primary DNS

Secondary DNS

LAN

Address Prefix

IP Address
0::200:FFFF:FEFF:10F0/64

Change VLAN settings
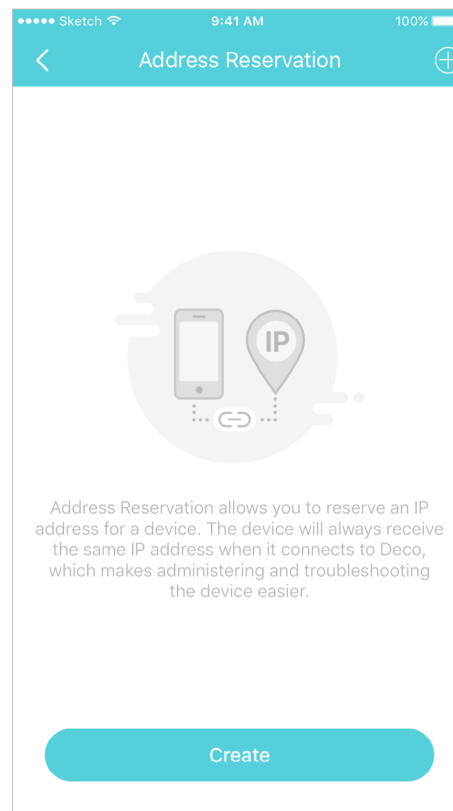
Reserve IP addresses for specific devices

Create port forwarding rules

Register a TP-Link DDNS domain name

TP-Link DDNS

www.

DDNS allows you to create a friendly domain name that can be used instead of an IP address to access your Deco and local resources over the internet.

Register
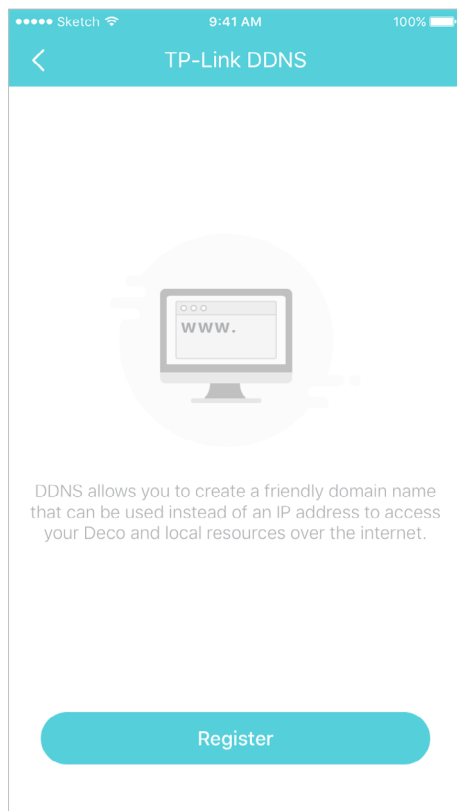
Enable fast roaming for wireless devices

Fast Roaming

Fast Roaming ⬤

Fast roaming with IEEE 802.11r allows wireless devices to switch connection to different Decos seamlessly.

Note:

1.Turning on this feature may result in some older wireless device being disconnected from the Deco Network.

2.If some devices are disconnected from Deco network after turning on/off this feature,try forgetting the Deco network on these devices and then join the network again.

Control the LED on Deco

LED Control

LED ⬤

Night Mode ⬤

Everyday, the LED will be off during this time period.

From   22:00 ›

Until   07:00 ›

Change the operating mode
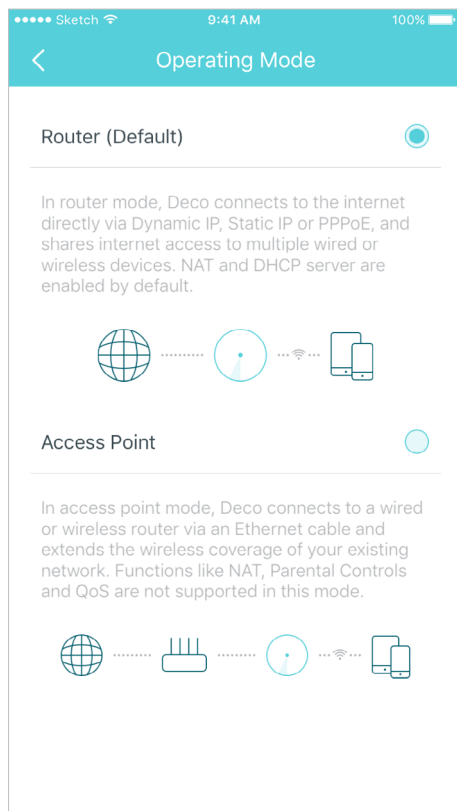
Turn on/off notifications
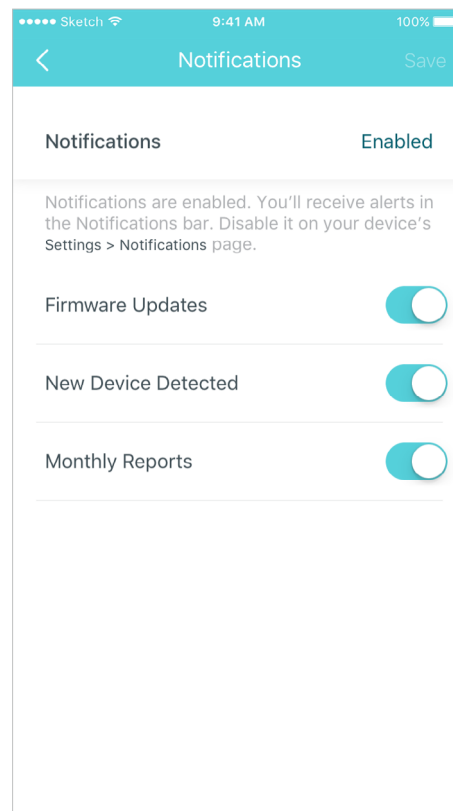
Update Decos

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

Update Available

••••• Sketch 📶	9:41 AM	100% 🔋
‹	**Update Deco**	

ⓘ

Firmware update available for Deco.
Firmware Version:
1.0.4 Build 20161228 Rel 64001

Size 12M

What's New:

This update new Wi-Fi Network, key update is as follows:

1. New traversing mode.
2. Optimize parental control.
3. Repair the bug which can not upload.

DOWNLOAD FIRMWARE

Updating Deco

••••• Sketch 📶	9:41 AM	100% 🔋
‹	**Update Deco**	

The new firmware will be downloaded by your Deco system, not this app. No mobile data or storage on this device is required.

Downloading...(37%)

Up-to-date

••••• Sketch 📶	9:41 AM	100% 🔋
‹	**Update Deco**	

✓

Your Deco Home Wi-Fi System is currently up-to-date. Enjoy!

Deco M400

Firmware Version:

1.0.0 Build 20180922 Rel. 79344

Deco M39N

Firmware Version:

1.0.0 Build 20180921 Rel. 60217

22

Managers

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

Managers

Add a manager
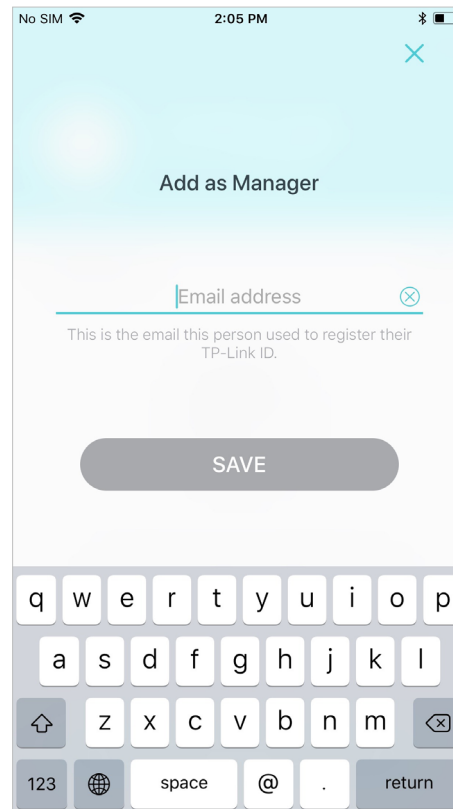
Remove a manager
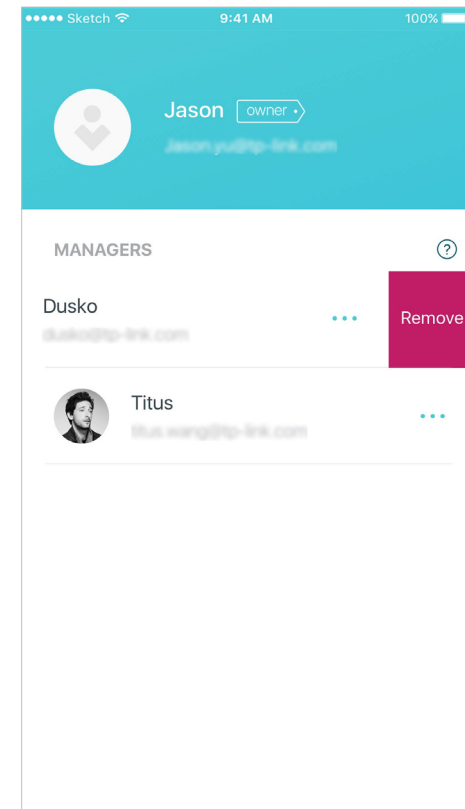
Authentication

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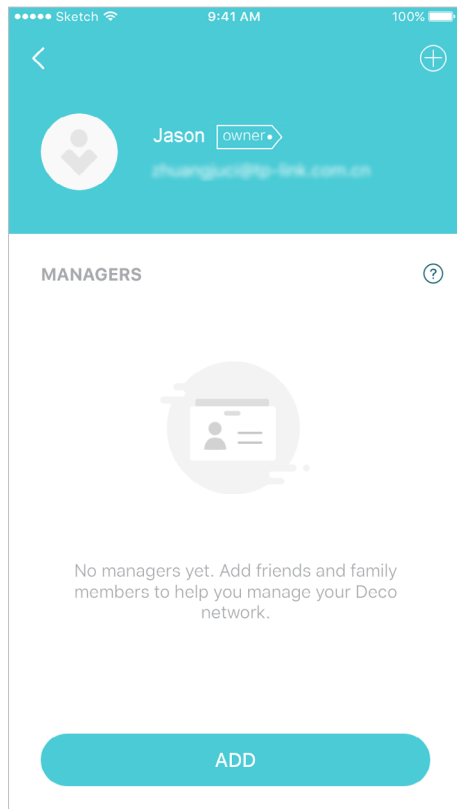
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CE Mark Warning

$C\epsilon$

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)

2400 MHz -2483.5 MHz (20dBm)

5150 MHz -5250 MHz (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.

Attention: This device may only be used indoors in all EU member states and EFTA countries.

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

Korea Warning Statements:

해당 무선설비는 운용중 전파혼신 가능성이 있음.

NCC Notice & BSMI Notice:

注意！

依據 低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機，非經許可，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或功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通行；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使用。前項合法通信，指依電信規定作業之無線電信。低功率射頻電機需忍受合法通信或工業、科學以及醫療用電波輻射性電機設備之干擾。

4.7.9.1應避免影響附近雷達系統之操作。

4.7.9.2高增益指向性天線只得應用於固定式點對點系統。

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。
- 請不要私自打開機殼，不要嘗試自行維修本產品，請由授權的專業人士進行此項工作。

限用物質含有情況標示聲明書

產品元件名稱	限用物質及其化學符號					
	鉛 Pb	鎘 Cd	汞 Hg	六價鉻 CrVI	多溴聯苯 PBB	多溴二苯醚 PBDE
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源適配器	－	○	○	○	○	○
備考1. 超出0.1 wt ％" 及 "超出0.01 wt ％" 系指限用物質之百分比含量超出百分比含量基準值。						
備考2."○"系指該項限用物質之百分比含量未超出百分比含量基準值。						
備考3." － "系指該項限用物質為排除項目。						

Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.

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.

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.