

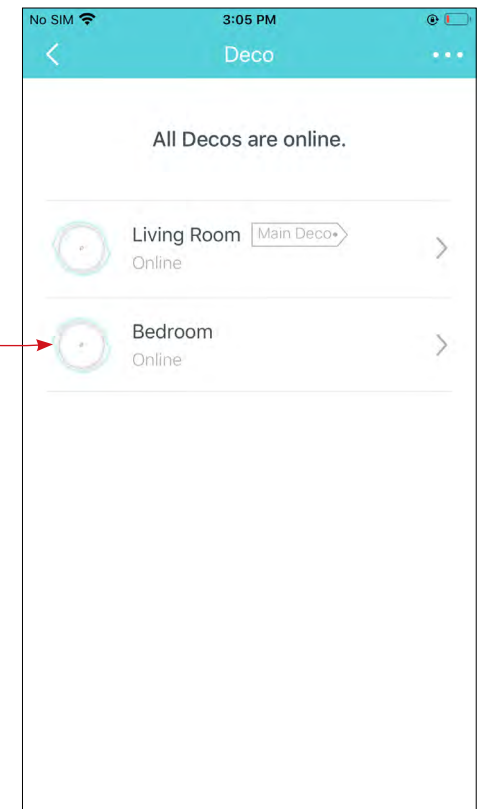
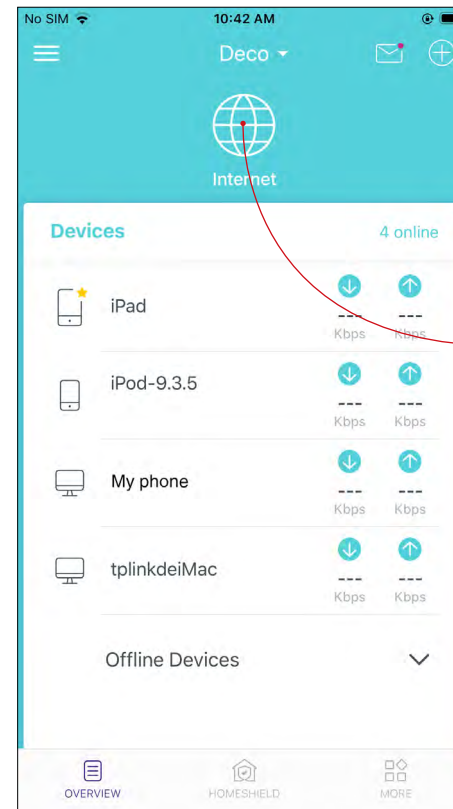
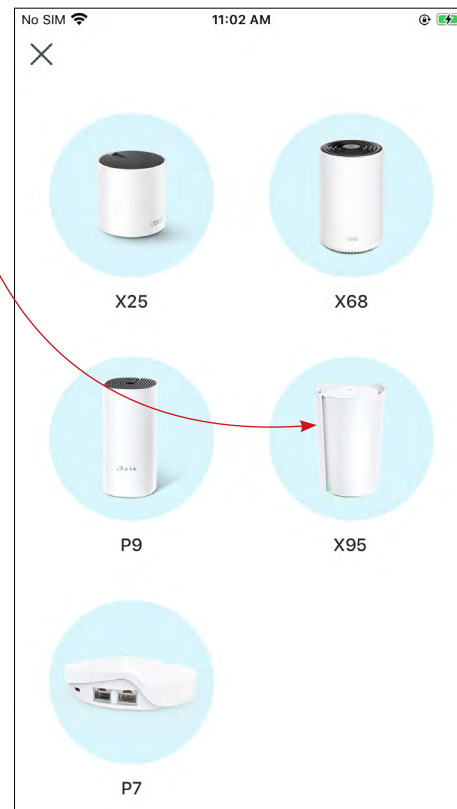
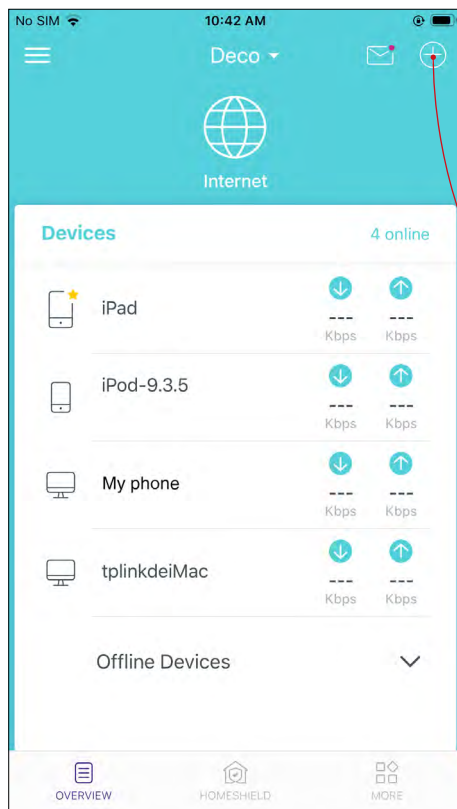
Add More Decos

After created a Deco network, you can add more Deco units into the network to expand the Wi-Fi coverage, and manage them conveniently on your Deco app.

On the Overview page, Tap 

Select the Deco model you want to add, and follow app instructions to complete the setup

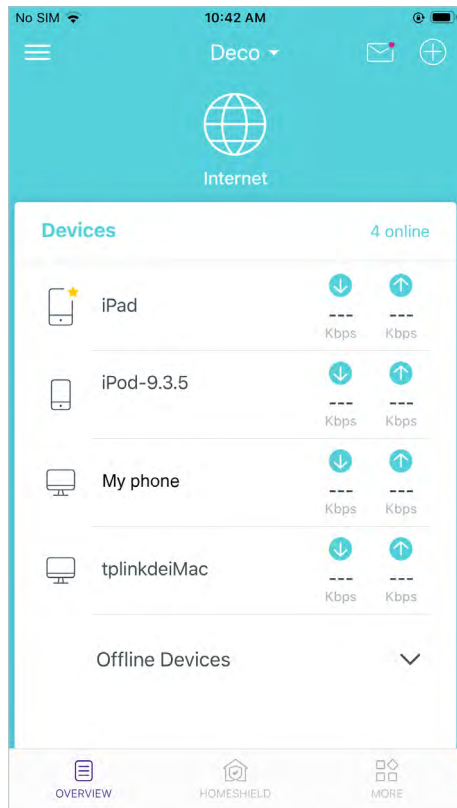
After the setup, you can find the added Decos by tapping 



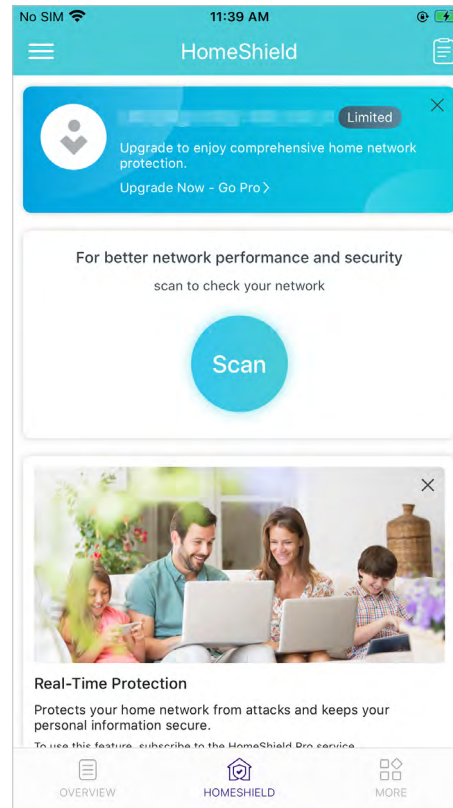
Dashboard

After you successfully set up your Deco network, you will see the dashboard of the Deco app. Here you can get an overview of the network status, customize your home network with enhanced security using a kit of features built to TP-Link HomeShield and set up various advanced features.

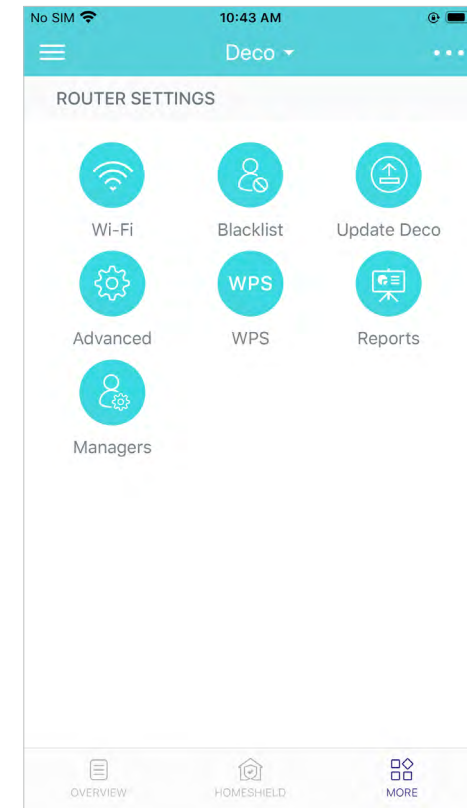
Tap  to get an overview of the network status



Tap  to enter the [HomeShield](#) page for enhanced security



Tap  for more features



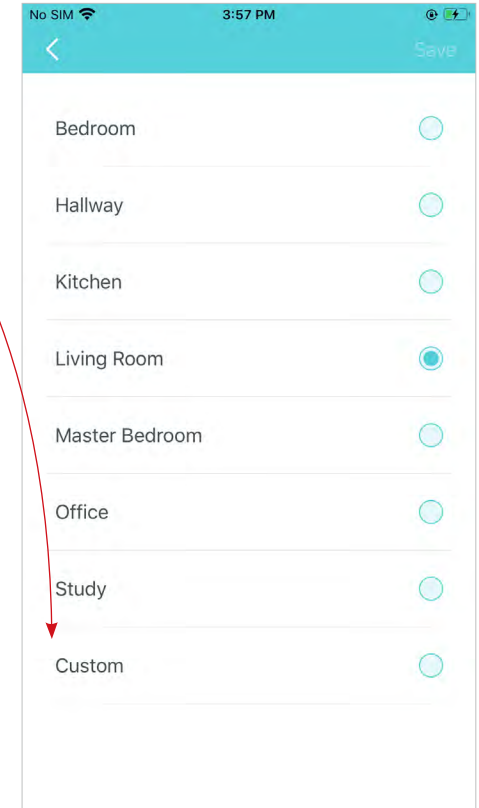
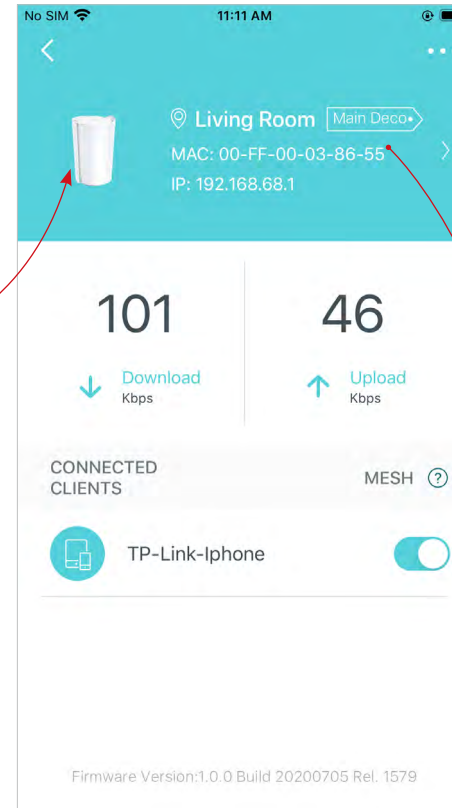
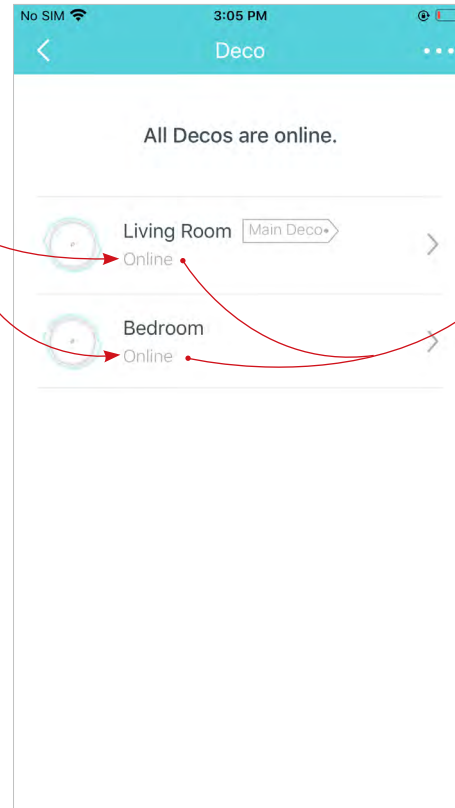
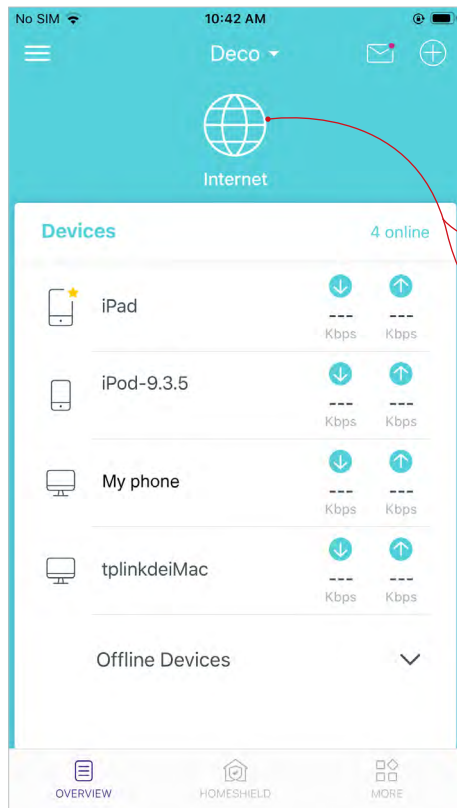
Check Deco Status

In the Overview page, you can check the working status of all the Decos, check the Deco details, change or custom the location, and more.

Tap  to check all Deco's status

Tap a Deco unit to check the details

Tap the Deco unit to change or custom the location



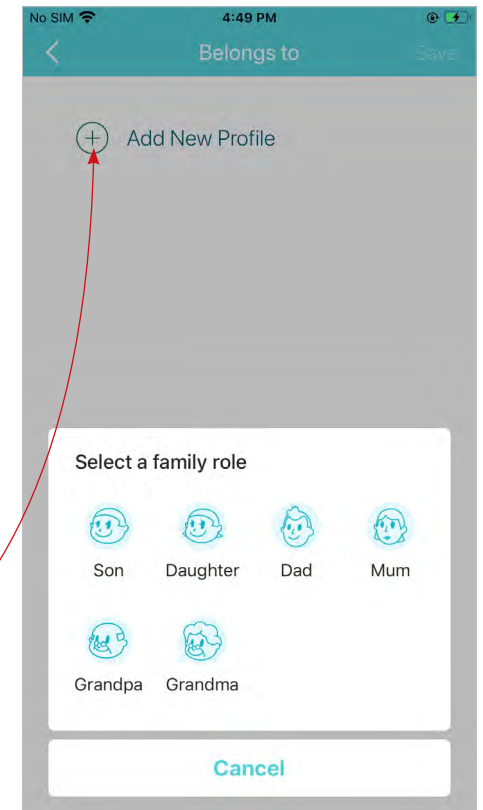
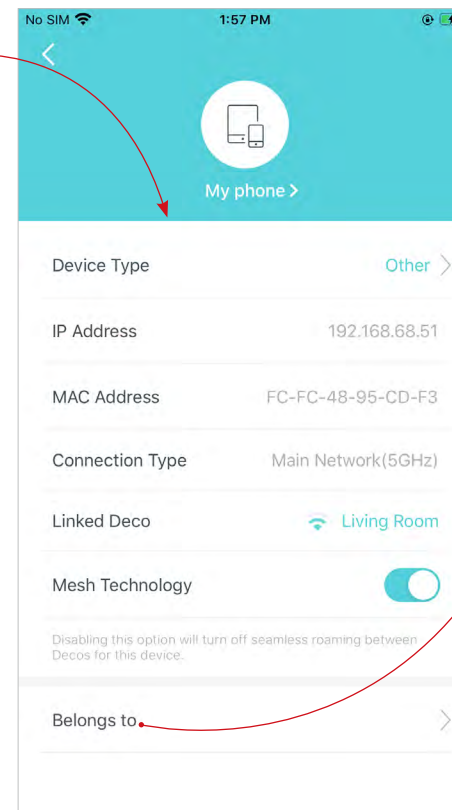
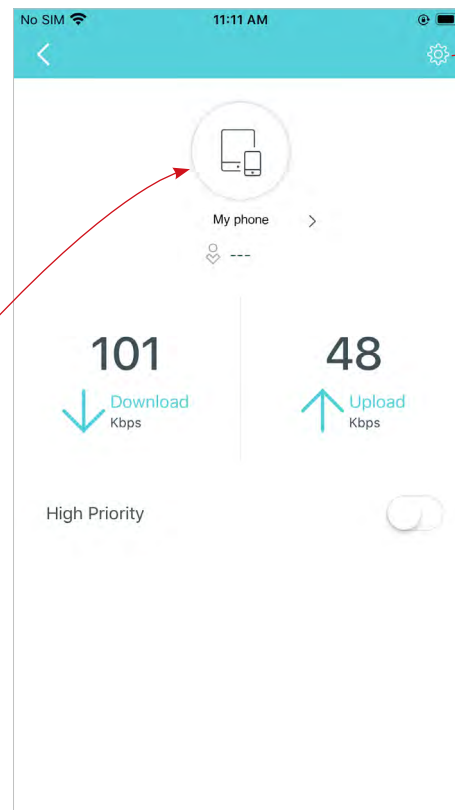
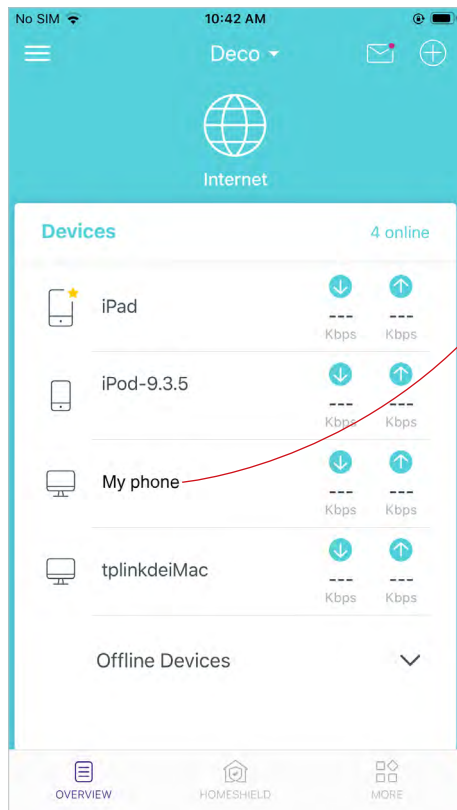
Manage Connected Devices

In the Overview page, you can check the working status of all the connected devices, view the device details, or change the device settings.

Tap a client on the **Devices** list to check the details

Tap  to manage the device settings

Tap **Belongs to** to add a unique profile for the device and manage its online activities



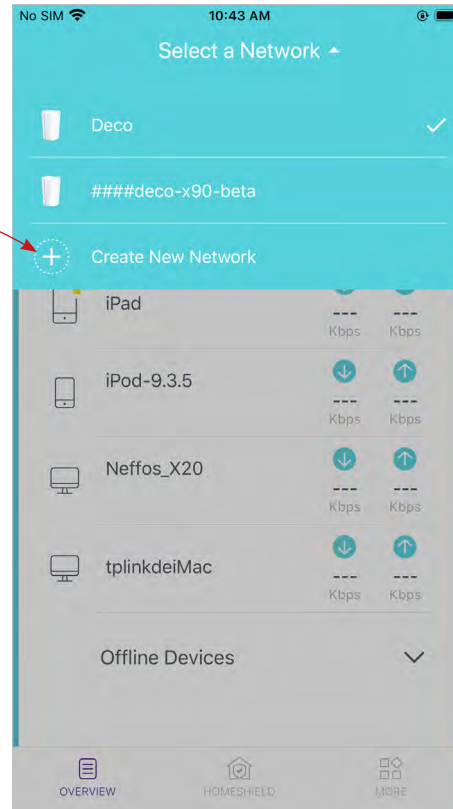
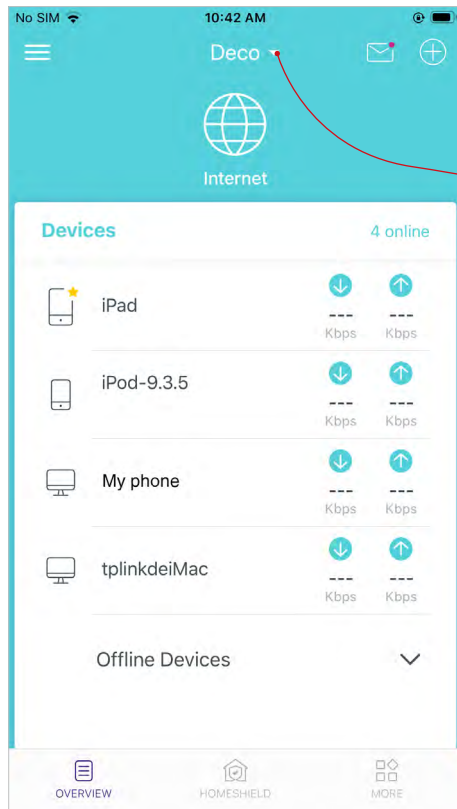
Create New Networks

On the Deco app, you can create different Deco networks bound to your TP-Link ID, and manage them conveniently from the Deco app with one account. You can also help family or friends by managing their network on your Deco app. Two methods are provided as below to create a new network: from the Overview page or the Menu page.

Method 1. Create a new network from the Overview page

Tap  > [Create New Network](#)

Then follow the app instruction to complete the setup

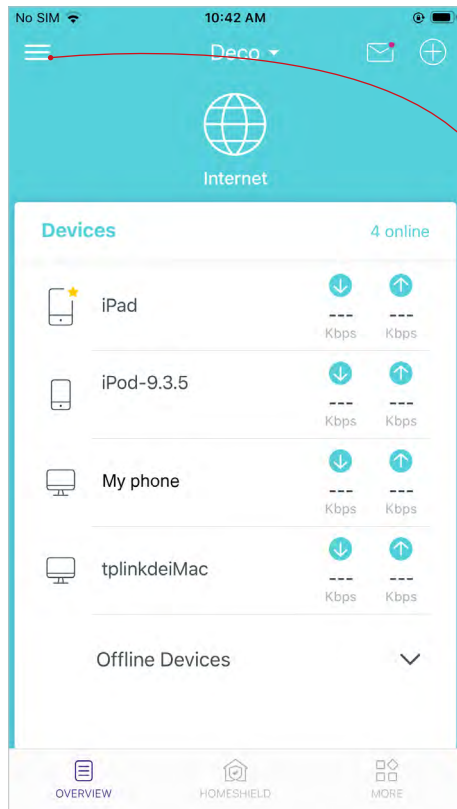


Create New Networks

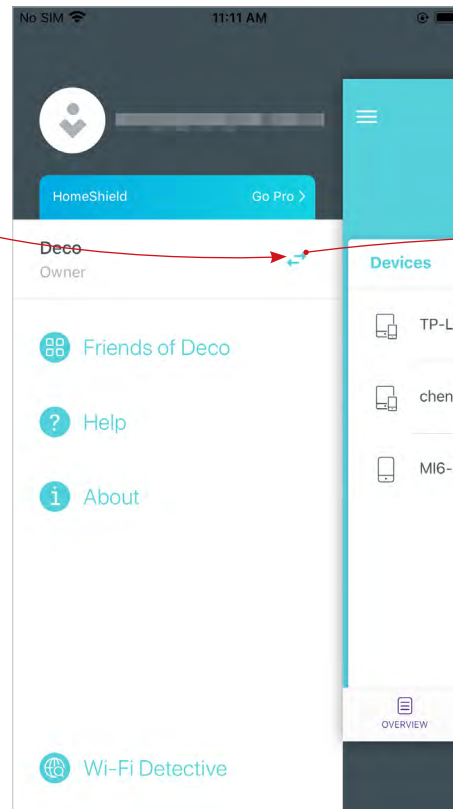
On the Deco app, you can create different Deco networks bound to your TP-Link ID, and manage them conveniently from the Deco app with one account. You can also help family or friends by managing their network on your Deco app. Two methods are provided as below to create a new network: from the Overview page or the Menu page.

Method 2. Create a new network from the Menu page

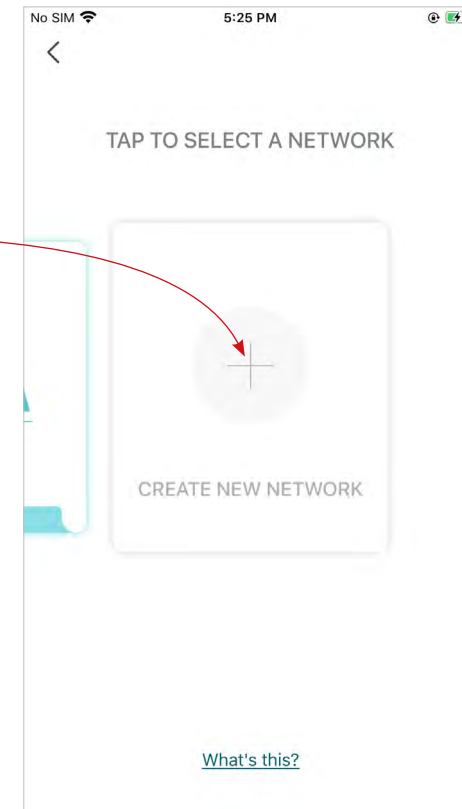
Tap  to open the [Menu](#)



Tap  > [CREATE NEW NETWORK](#)



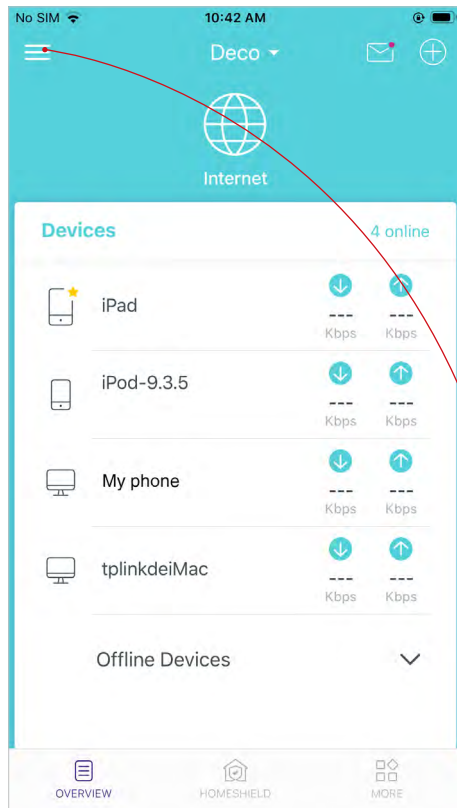
Follow app instruction to complete the setup



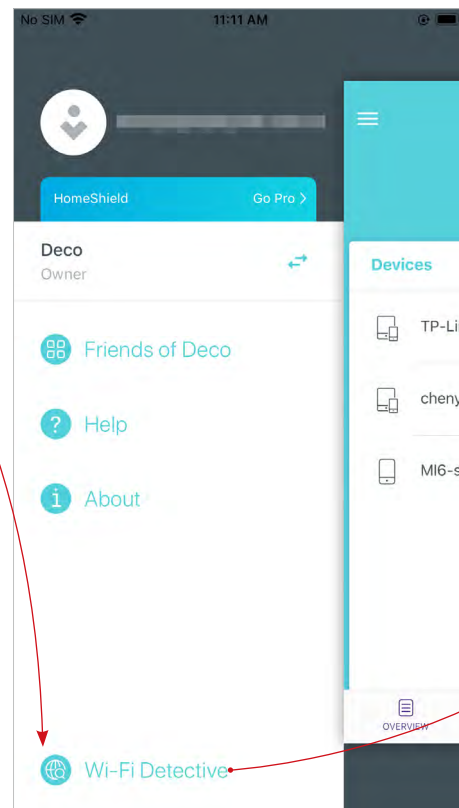
Wi-Fi Detective

Wi-Fi Detective helps you discover all devices connected to the current Deco Wi-Fi network and identify potential risks.

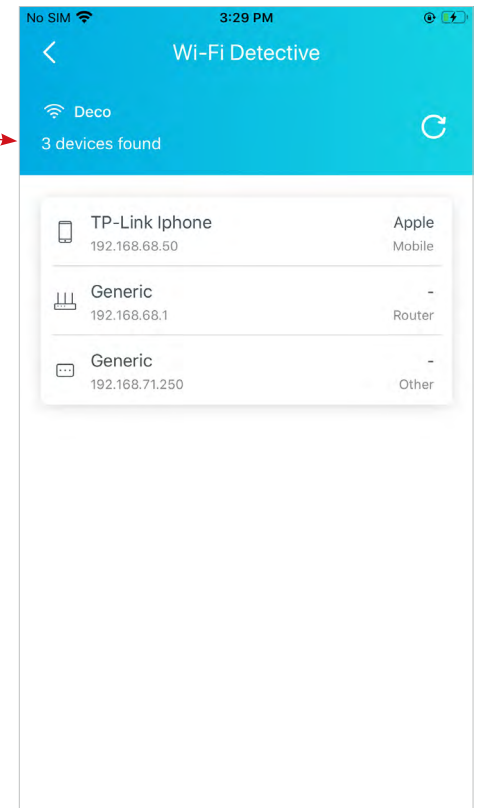
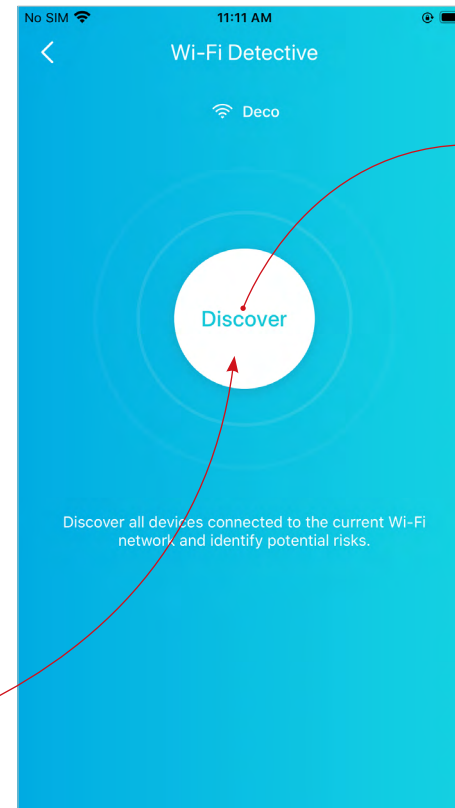
In the OverView page, tap  to open the [Menu](#)



Tap [Wi-Fi Detective](#)



Tap  to find all devices connected to the current Wi-Fi network



Remove/Reboot Deco

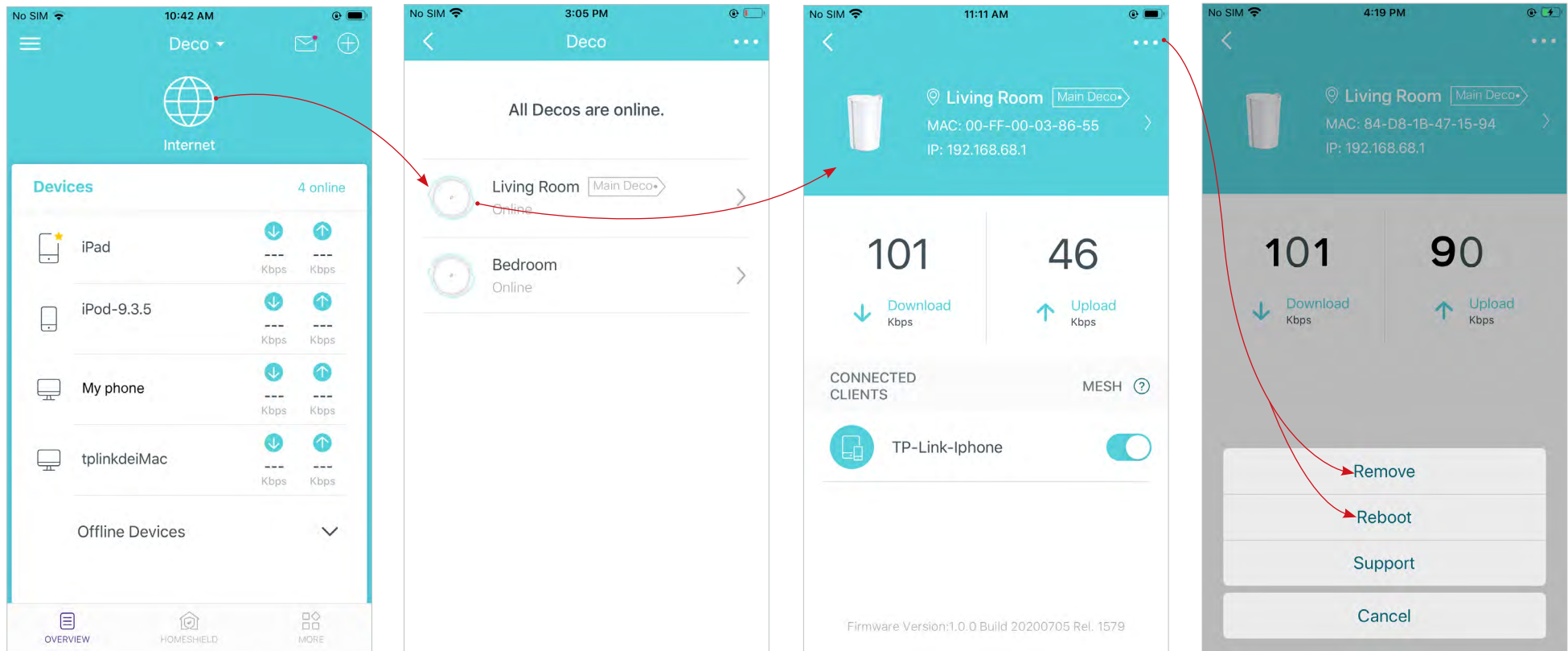
You can remove or reboot your Deco easily on the Deco app. Follow the steps below.

Tap  to check all Deco's status

Tap a Deco unit to enter the details

Tap  to remove or reboot the Deco

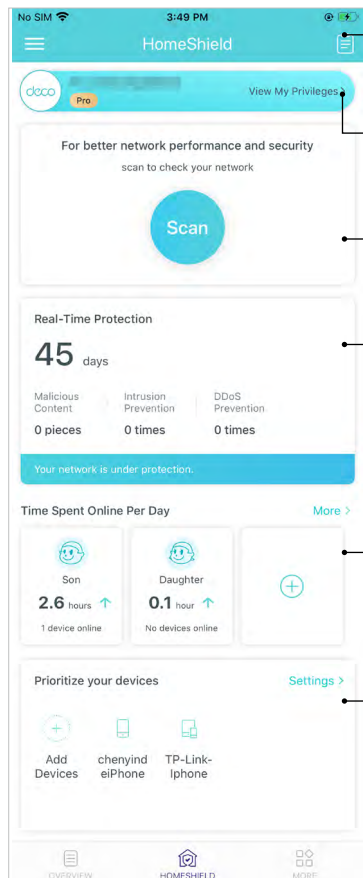
Note: If the LED light of Deco does not turn pulsing blue after tapping Remove, refer to [Appearance](#) to use the reset button to reset it.



HomeShield

Whether protecting your network from malicious attacks, managing your family's online activities, or prioritizing devices to get better performance, TP-Link HomeShield provides you a kit of basic (free) and Pro (charged) features to enhance your whole home network with enhanced security. An overview of HomeShield features are shown below.

- **What is HomeShield:** tp-link.com/homeshield
- **How to use HomeShield features and upgrade to HomeShield Pro:** go to the product support page at <https://www.tp-link.com> and refer to TP-Link HomeShield User Guide.



• **Weekly/Monthly Reports:** Review a weekly or a monthly list of usage, such as security threats, top visited contents, and more, to better manage your family's online activities.

• **HomeShield Pro subscription:** To enjoy more features, you can upgrade to HomeShield Pro.

• **Scan:** Examine your network regularly to identify the potential risks, thus improving your network performance and security.

• **Real-Time Protection:** Real-Time Protection is for Pro users only. There are three ways to ensure your home network and your IoT devices remains safe: (1) block malicious websites, protect your home network and applications against external attacks and eliminate vulnerabilities; (2) prevent infected devices from sending sensitive information or security threats to clients outside your network; (3) identify IoT devices and immediately monitor their security performance once they join the network.

• **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 if necessary.

• **QoS:** 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.

Wi-Fi Settings

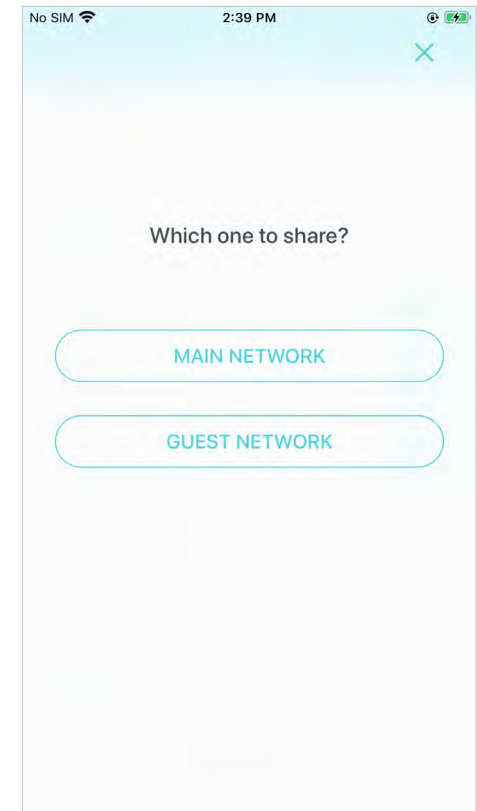
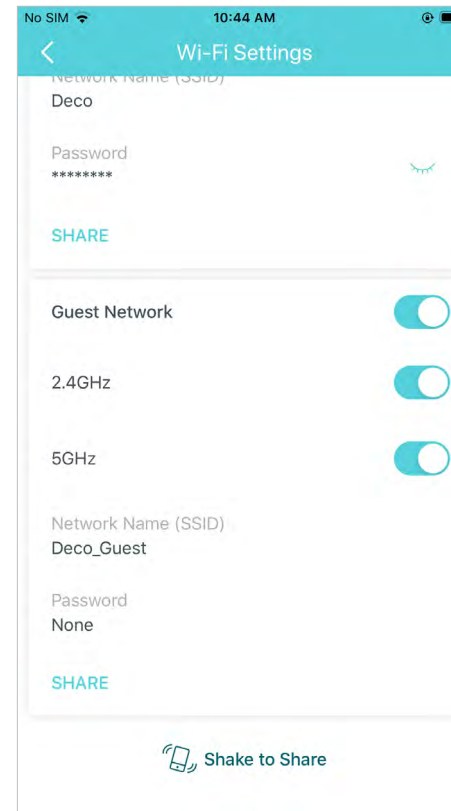
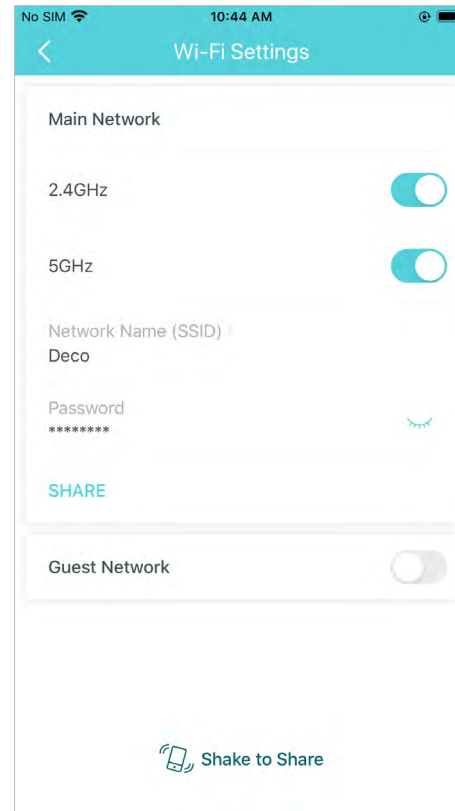
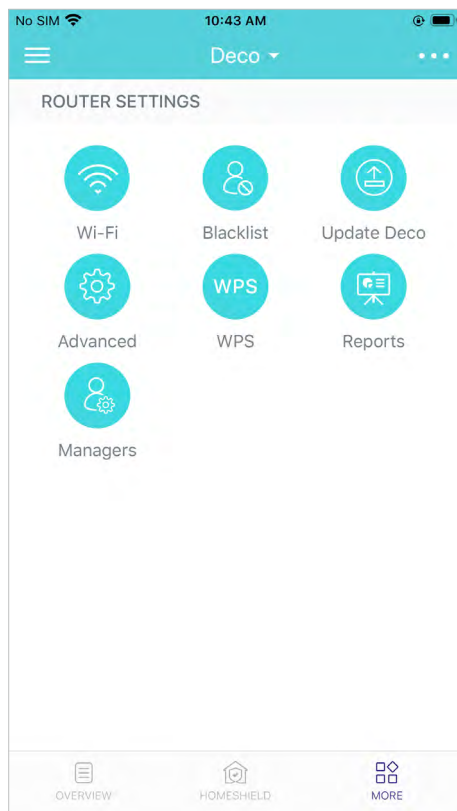
You can change the network name and password of your main network, create a separate network for guests to guarantee the security and privacy of your main network, and shake your device to share the network details easily with family and friends.

Tap  > Wi-Fi

Manage your main network
(eg. change your Wi-Fi network
name and password)

Enable guest network

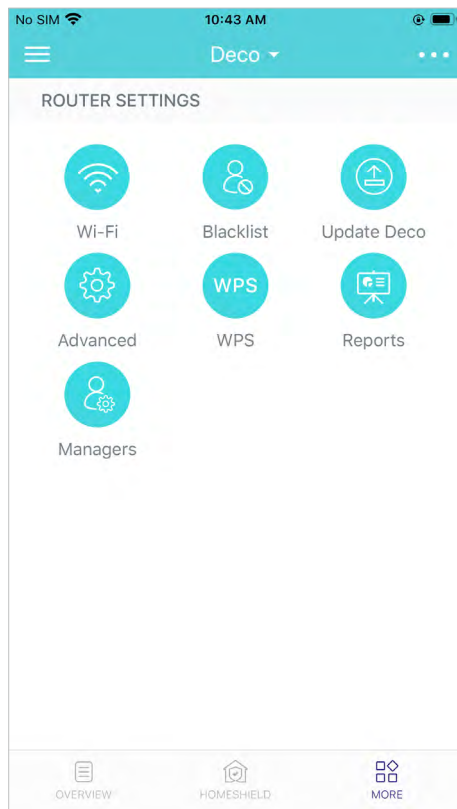
Shake to share your network



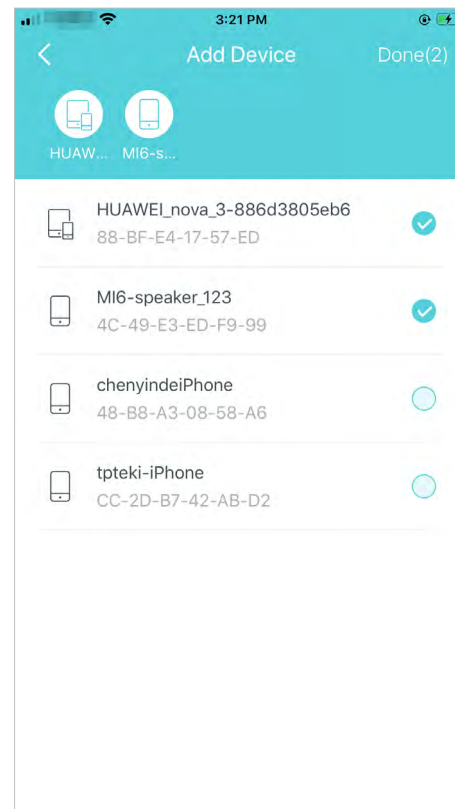
Blacklist

Compile a blacklist to avoid devices added on the blacklist to access to your network, ensuring the safety of your personal information shared in the network.

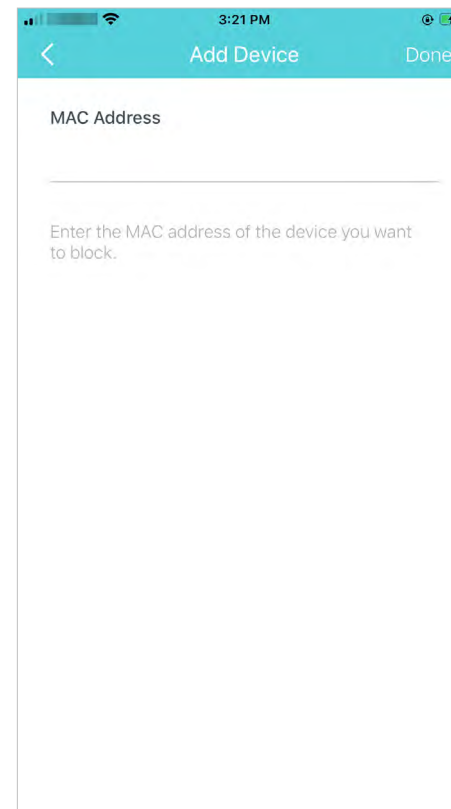
Tap  > Blacklist



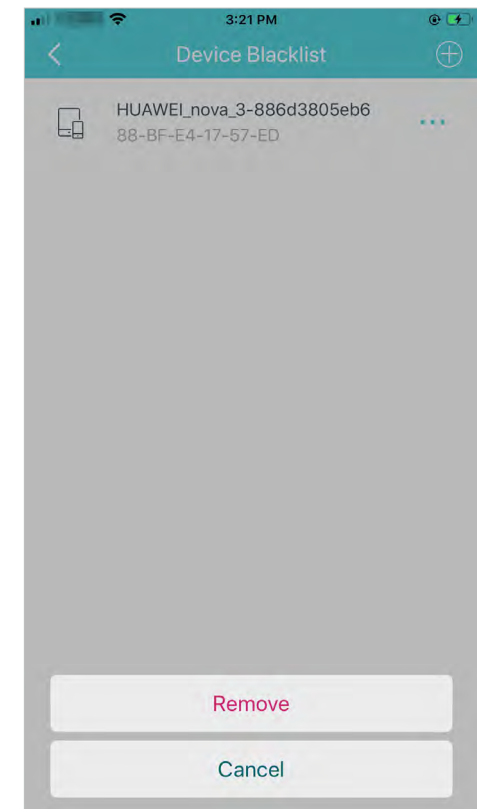
Add clients to blacklist



Add other devices to blacklist



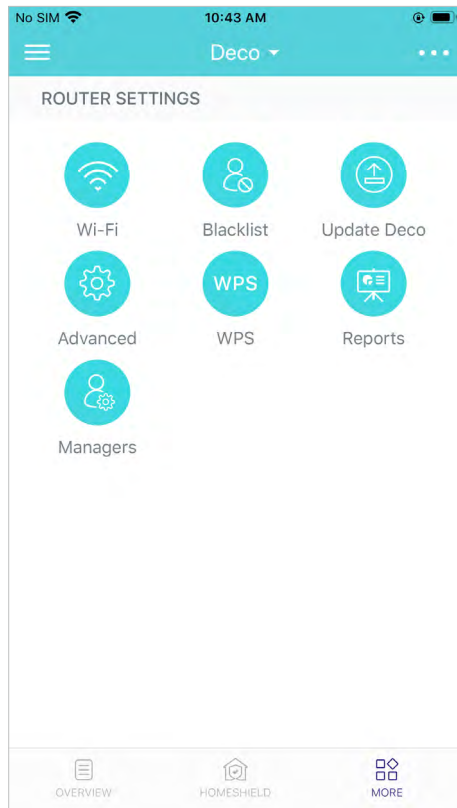
Manage blacklist



Online Update

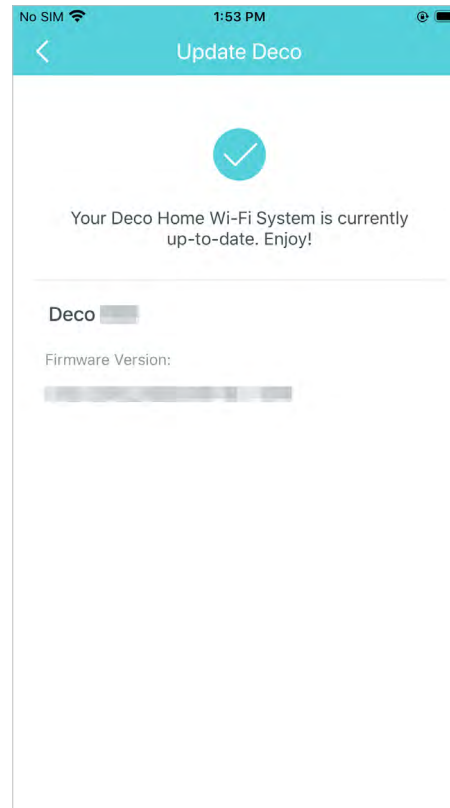
TP-Link is dedicated to improving product features and providing a better customer experience. An up-to-date firmware provides better and more stable network performance. Always update your Deco to the latest firmware version when prompted in the Deco app.

Tap  > [Update Deco](#)



Follow app instructions to update your Deco to the latest version

 Tip: If the firmware update fails, please reboot the main Deco, move the Satellite Deco closer to the main Deco, then try to update again.



Advanced Features

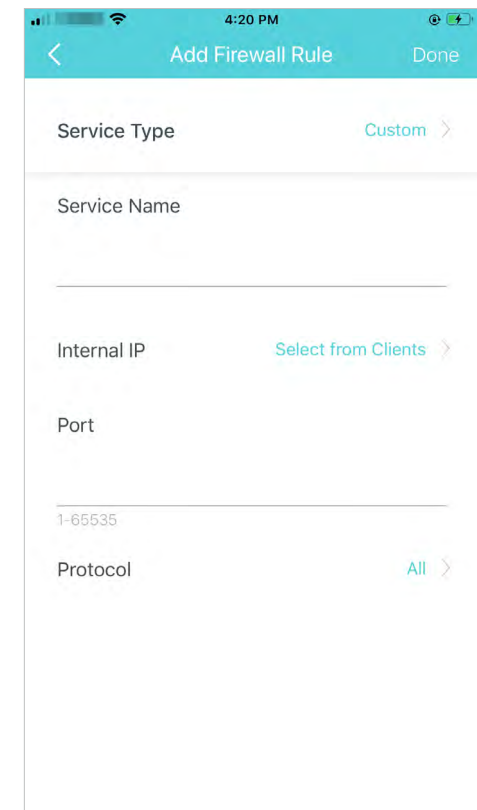
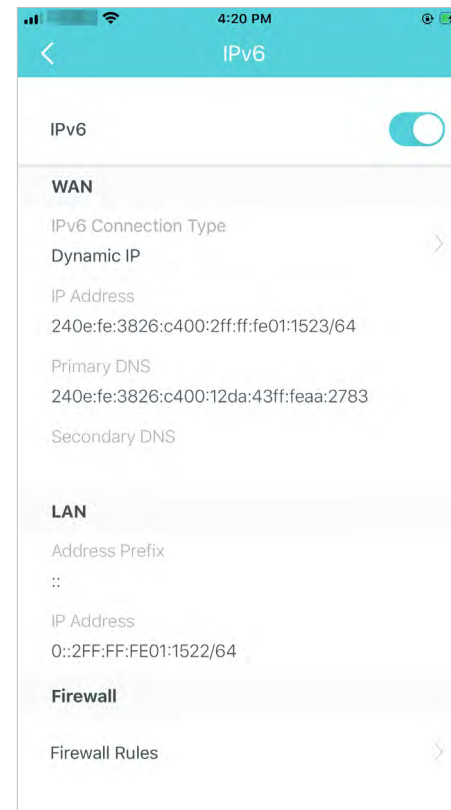
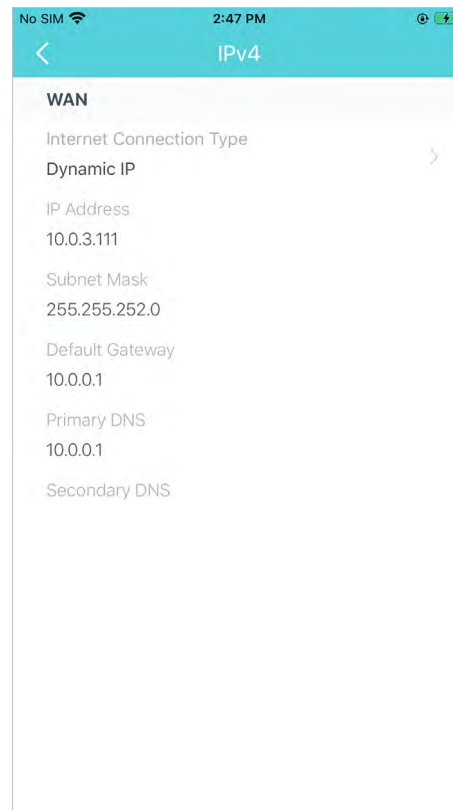
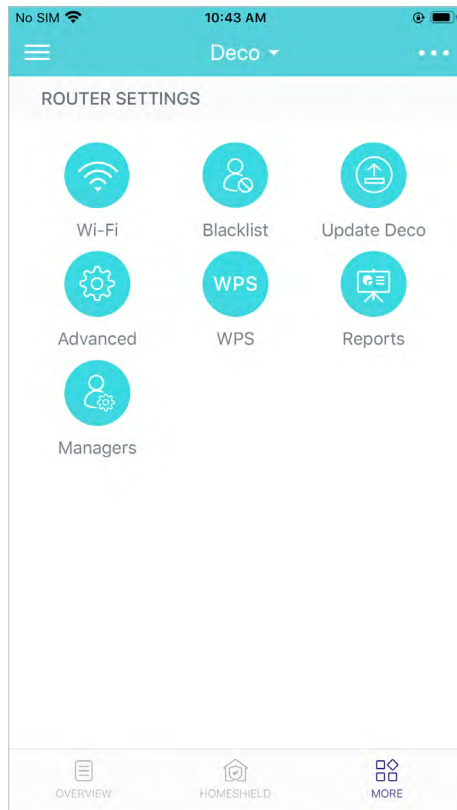
Additional features are available under the Advanced menu. You can modify WAN settings (IPv4 & IPv6), add IPv6 firewall rules, modify LAN IP, set up DHCP server, enable VLAN/IPTV/MAC Clone mode, reserve the same IP address for a specific device, set up port forwarding rules to make your local computers accessible to other devices over the internet, enable TP-Link DDNS, SIP ALG, fast roaming and beamforming, control Deco's LED, change the working mode, and configure the notification settings.

Tap  > [Advanced](#)

View IPv4 details or change the internet connection type

Enable IPv6 to set up an IPv6 internet connection

Add IPv6 firewall rules to allow specific devices to access the specified services



Modify LAN IP to avoid IP address conflict

LAN IP

192.168.68.1

Subnet Mask Custom >

255.255.252.0

Change DHCP server settings

22 IP addresses assigned.

Start IP

192.168.68.100

End IP

192.168.68.250

Default Gateway

192.168.68.1

Primary DNS (Optional)

Secondary DNS (Optional)

Enable IPTV/VLAN mode to support IPTV services

IPTV/VLAN

ISP Profile Select >

Note: When IPTV is configured, the other port of main Deco can be used to support IPTV service and can only be used for this service.

Enable MAC Clone if Deco fails to connect to the internet

Tip: For more about MAC Clone, refer to <https://www.tp-link.com/support/faq/2925/>

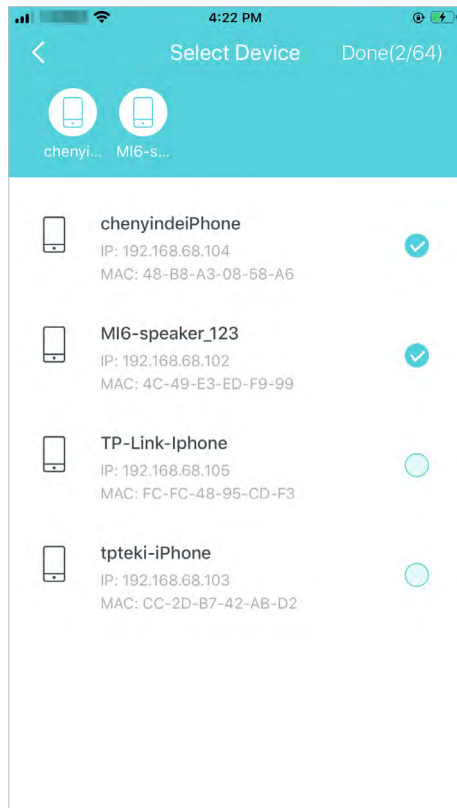
MAC Clone

Use Client MAC Address

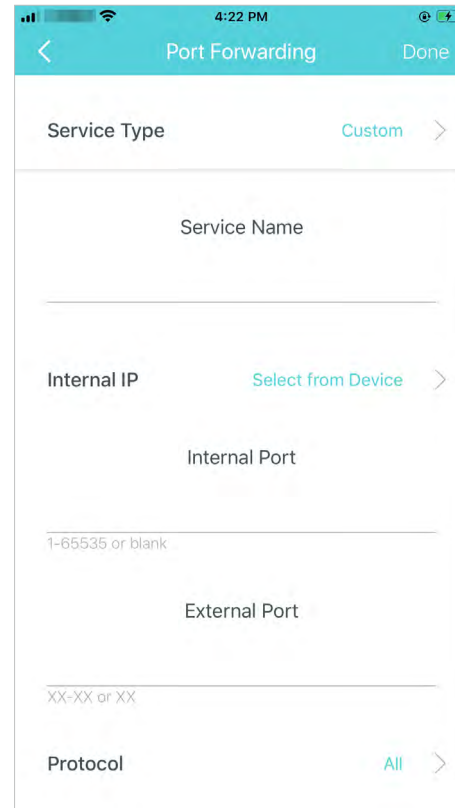
Use Custom MAC Address

Tip: Make sure you select or enter the MAC address specified by your ISP.

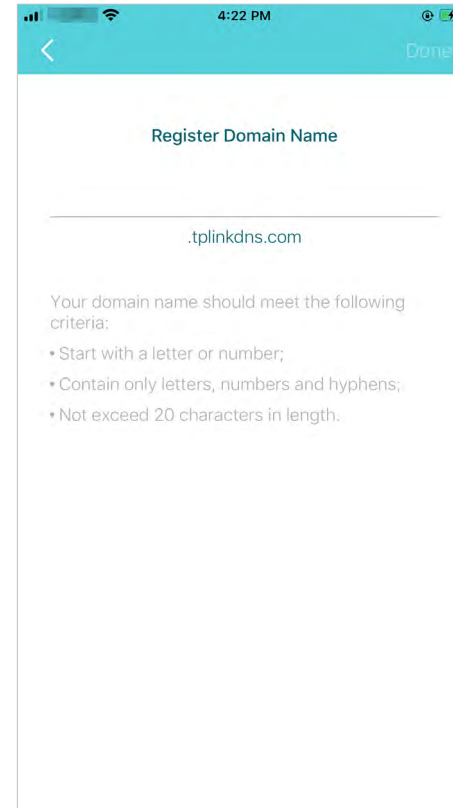
Reserve IP addresses for specific devices to recognize and manage the device more easily



Set up port forwarding rules to enable devices in your network accessible over the internet with safety



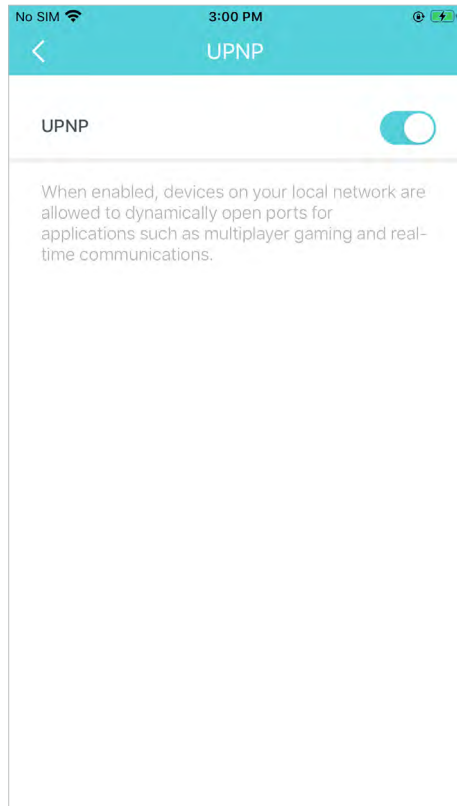
Register a TP-Link DDNS domain name to access your router and local servers using a domain name



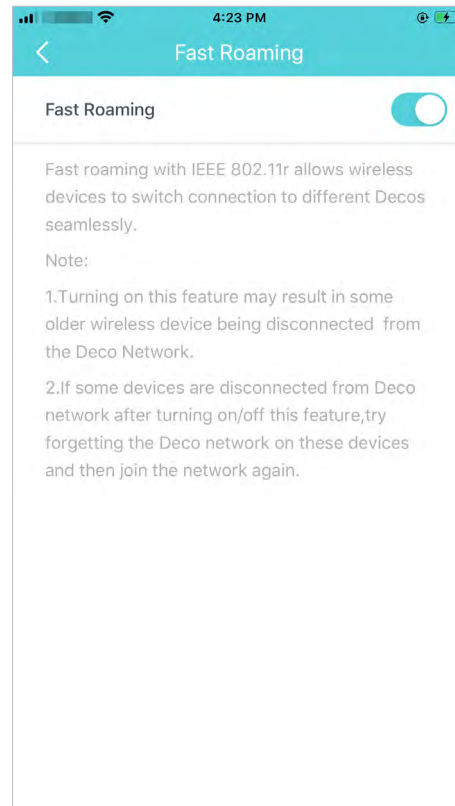
Enable SIP ALG to communicate with SIP (Session Initiation Protocol) servers via NAT



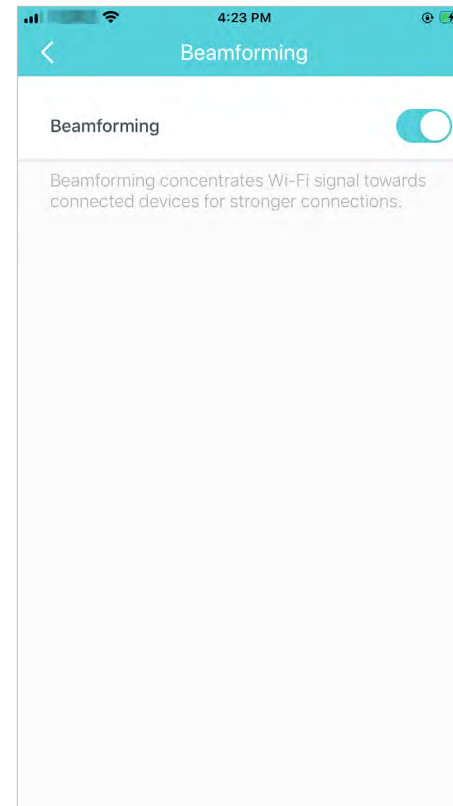
Enable UPNP to allow your local network to dynamically open ports for applications like gaming



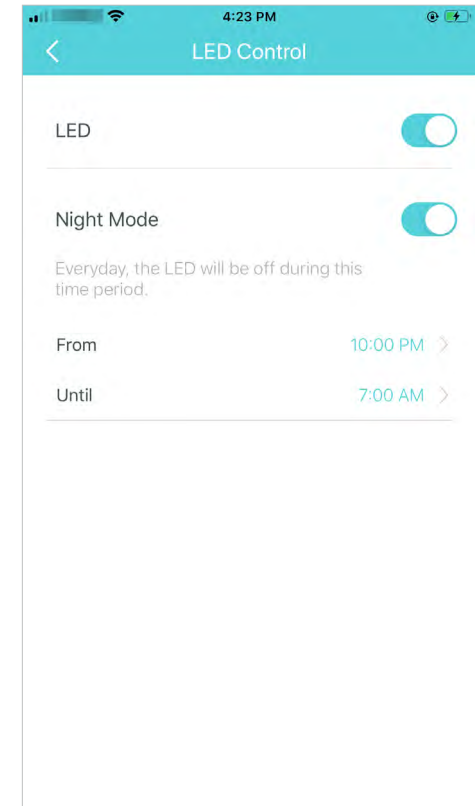
Enable Fast Roaming to allow your wireless devices to switch connection to different Decos seamlessly



Enable Beamforming to concentrate Wi-Fi signal towards connected devices for stronger connections

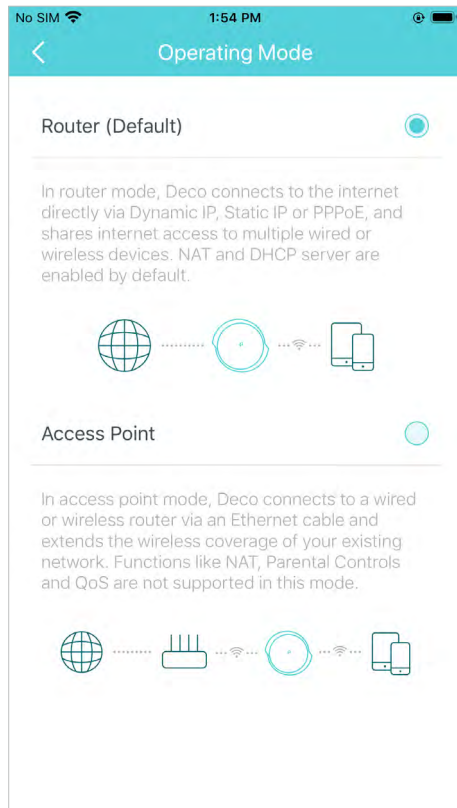


Toggle off LED to turn off the light on Deco. Configure the Night Mode to turn off the LED light at bedtime only

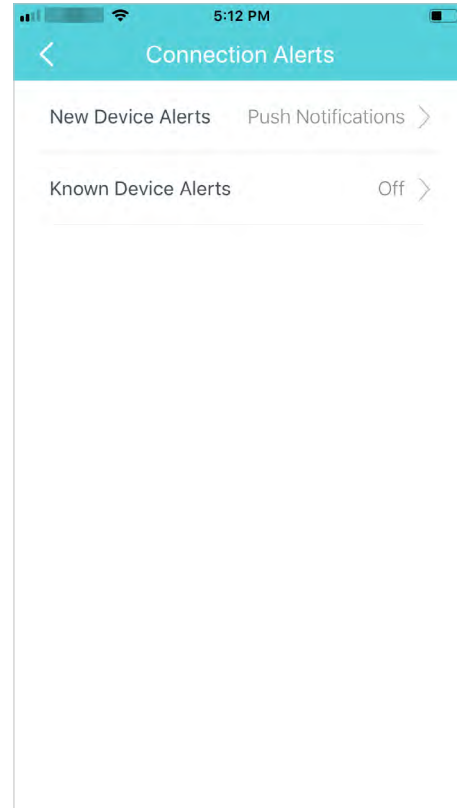


Change the operating mode

Note: When the Deco works in Access Point mode, advanced features such as HomeShield, IPv4, Address Reservation, Port Forwarding, and DHCP server are not available.

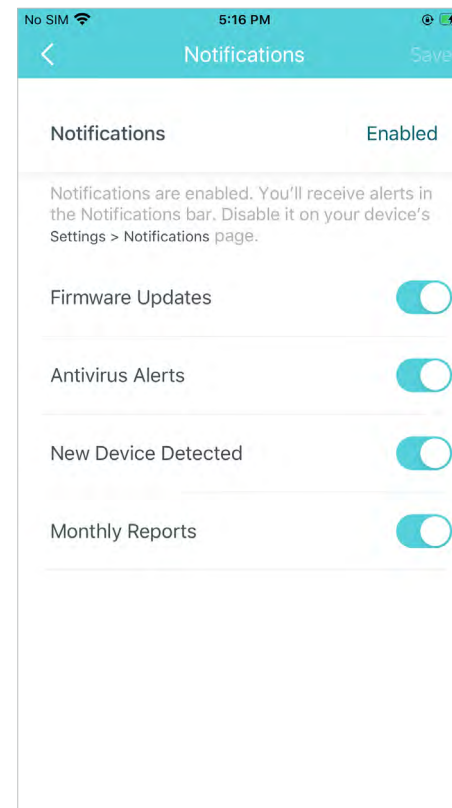


Set connection alerts to receive notifications once the clients connect to or disconnect from Deco



Set notifications to receive alerts in the notification bar

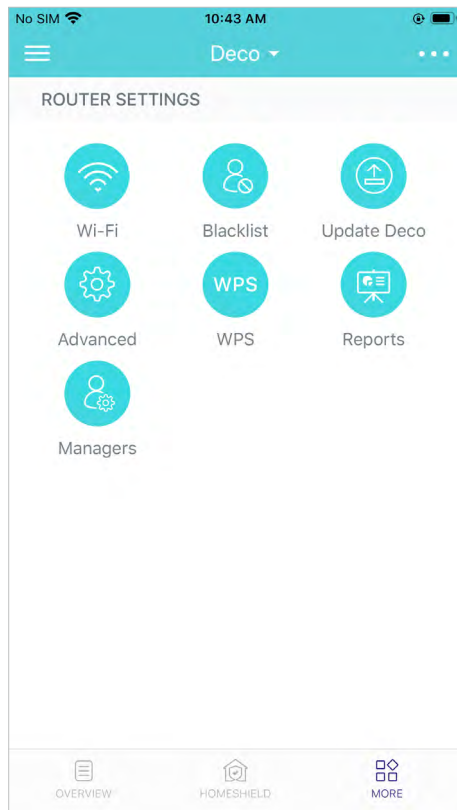
Note: If the Notifications option shows "Disabled", go to Settings > Notifications on your mobile device to enable it.



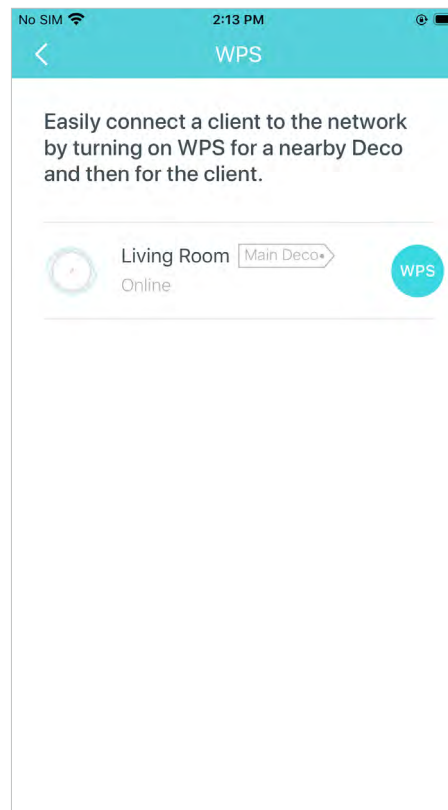
WPS

WPS (Wi-Fi Protected Setup) helps you to quickly and securely connect a client to a network with a tap without entering any password.

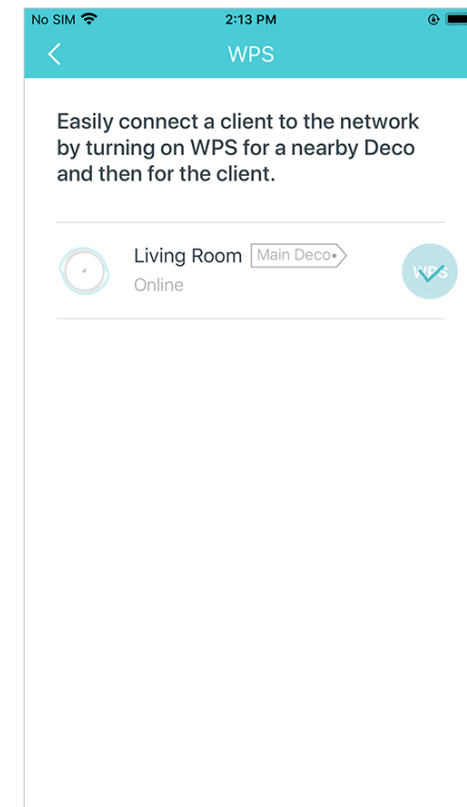
Tap  > WPS



Tap the **WPS** icon on Deco app and then on your client



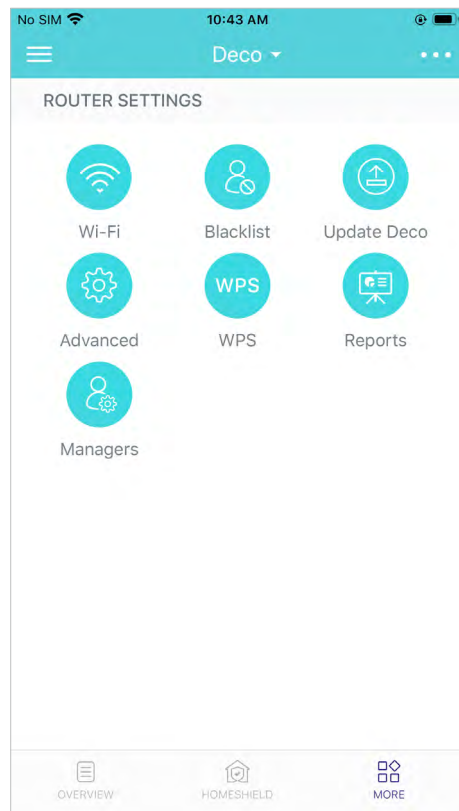
Your device connects to the network successfully if shown as below



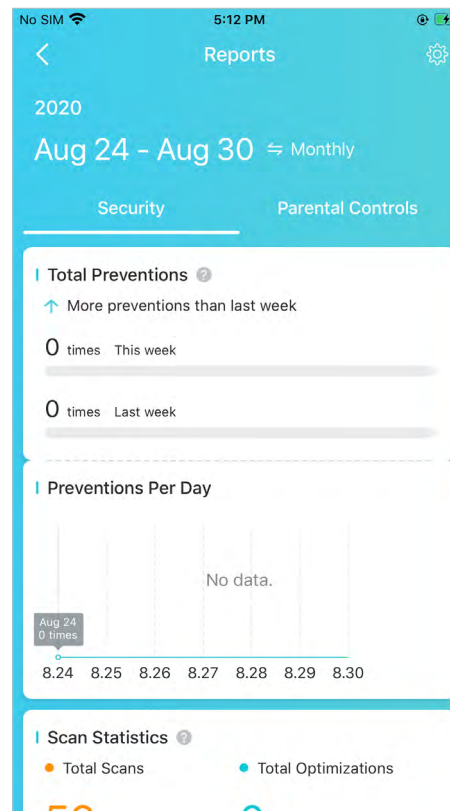
Weekly/Monthly Reports

Review the weekly or monthly usage reports, such as security threats and total connected network devices each day.

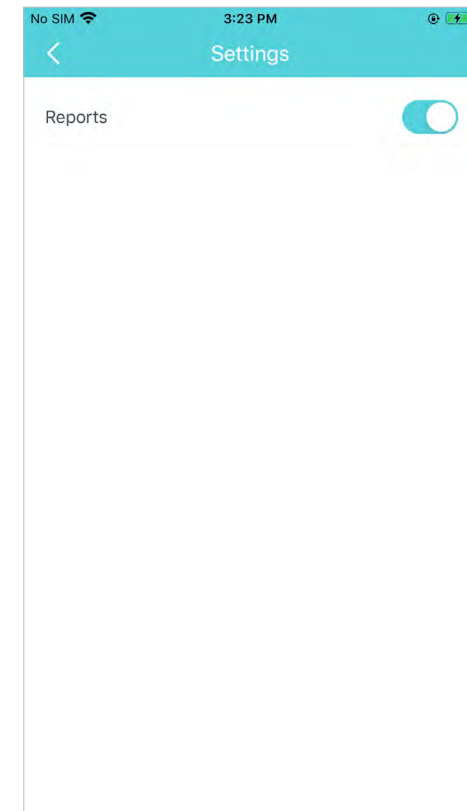
Tap  > Reports



View weekly / monthly reports



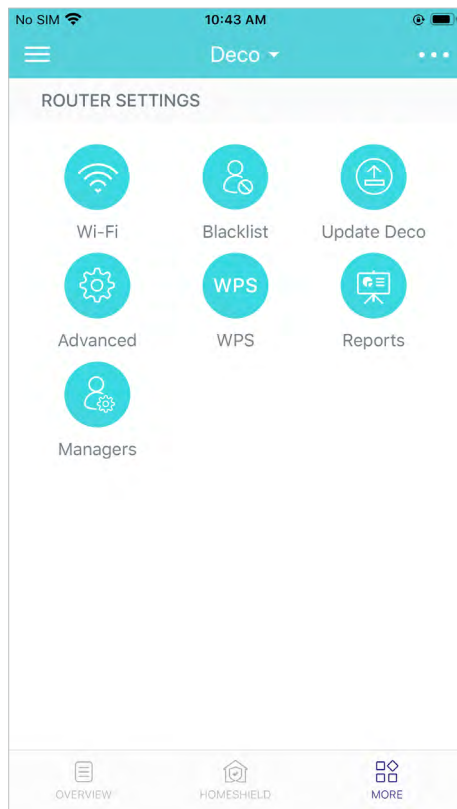
Tap  to enable or disable reports



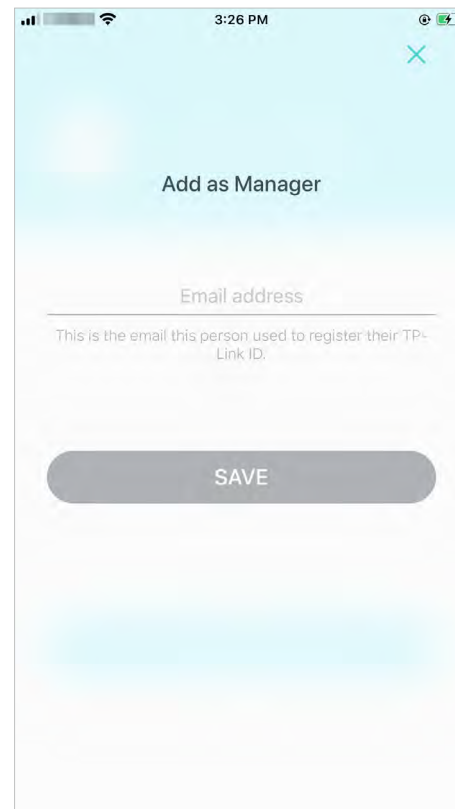
Managers

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

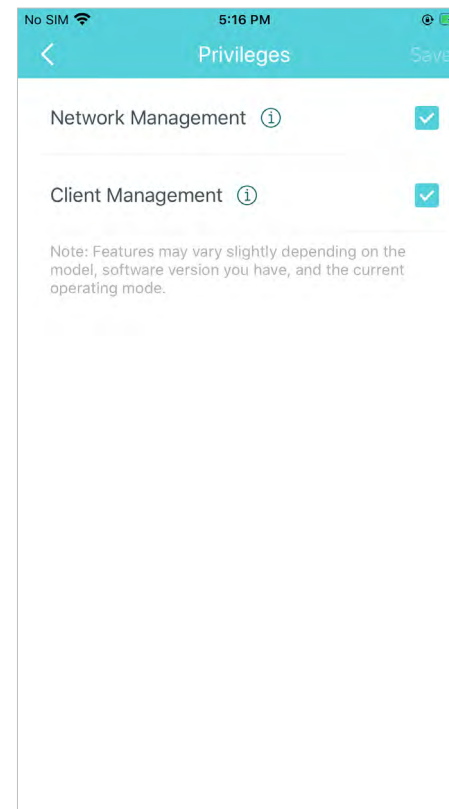
Tap  > Managers



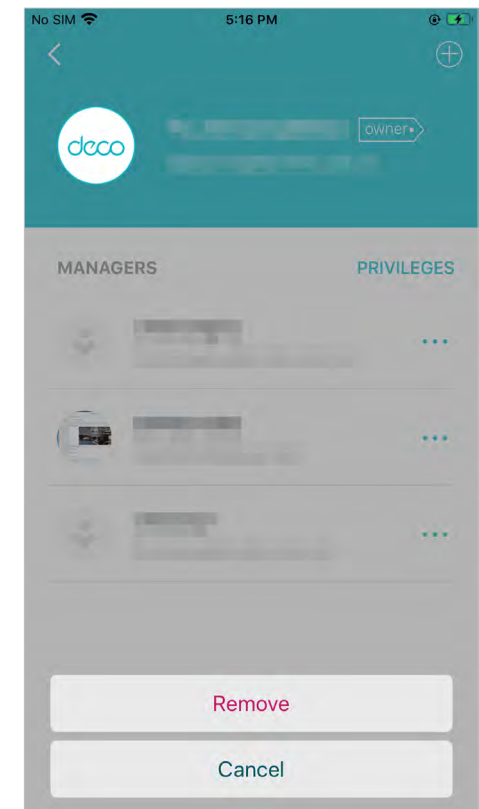
Add other accounts as managers



Set privileges for managers



Remove managers



FAQ

Solutions to common problems during setup or use are provided here for reference. Follow the steps in the provided link to solve your problem.

If problems still exist, contact us: <https://www.tp-link.com/support>

Q1. What should I do if I fail to configure the main Deco and get stuck on “We couldn't find Deco”?

Refer to the guide <https://www.tp-link.com/support/faq/2239/> or follow the video <https://youtu.be/2HYuEYS9XJM>

Q2. What should I do if I fail to configure the satellite Deco and get stuck on “We couldn't find another Deco”?

Refer to the guide <https://www.tp-link.com/support/faq/1447/> or follow the video <https://youtu.be/iVgDzoo16T4>

Q3. What should I do if I fail to configure the main Deco and get stuck on “Testing Internet Connection”?

Refer to the video <https://youtu.be/OSUrGdWH-i0>

Q4. What should I do if my wireless devices cannot connect to Deco?

Refer to the guide <https://www.tp-link.com/support/faq/2718/>

Q5. What should I do if Deco suddenly lost internet access?

Refer to the guide <https://www.tp-link.com/support/faq/1454/>

Q6. How can I find a suitable spot for my Deco?

Refer to the guide <https://www.tp-link.com//support/faq/1446/>

Q7. What can I do if the Deco app isn't working properly?

Refer to the guide <https://www.tp-link.com/support/faq/1456/>

Authentication

FCC Compliance Information Statement



Product Name: AX3000 Outdoor/Indoor Mesh Wi-Fi 6 Unit

Model Number: Deco X50-Outdoor

Operating Frequency: 2400MHz—2483.5MHz, 5150MHz—5250MHz, 5250 MHz -5350 MHz, 5725 MHz -5850 MHz

Responsible party:

TP-Link USA Corporation

Address: 10 Mauchly, Irvine, CA 92618

Website: <http://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:

- 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.

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: 2022-08-17

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—2483.5MHz (20dBm)

5150MHz—5250MHz (23dBm)

5250 MHz -5350 MHz (23dBm)

5470 MHz -5725 MHz (30dBm)

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, 2011/65/EU and (EU)2015/863.

The original EU Declaration of Conformity may be found at <https://www.tp-link.com/en/support/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.

National Restrictions

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

	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(NI)

UKCA Mark



UK Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The original UK Declaration of Conformity may be found at <https://www.tp-link.com/support/ukca>

National Restrictions

Attention: This device may only be used indoors in Great Britain.



Canadian Compliance Statement

Operating Frequency: 2400MHz—2483.5MHz, 5150MHz—5250MHz, 5250 MHz -5350 MHz, 5725 MHz -5850 MHz

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:

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;

DFS (Dynamic Frequency Selection) products that operate in the bands 5250- 5350 MHz.

Avertissement:

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;

Les produits utilisant la technique d'atténuation DFS (sélection dynamique des fréquences) sur les bandes 5250- 5350 MHz.

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.

NCC Notice & BSMI 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使用。

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。

應避免影響附近雷達系統之操作。

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 AX3000 Outdoor/Indoor Mesh Wi-Fi 6 Unit	型號（型式）： Type designation (Type) Deco X50-Outdoor					
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	○	○	○	○	○	○
電源供應器	—	○	○	○	○	○
其他及其配件	—	○	○	○	○	○

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。

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. “○” 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。

Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考3. “—” 系指該項限用物質為排除項目。

Note 3: The “—” indicates that the restricted substance corresponds to the exemption.



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



Safety Information

- Adapter should be used indoors where the ambient temperature is lower than or equal to 40 °C.
- Keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use the device where wireless devices are not allowed.
- Operating Temperature: 0°C~40°C (32°F~104°F)
- This product uses radios and other components that emit electromagnetic fields. Electromagnetic fields and magnets may interfere with pacemakers and other implanted medical devices. Always keep the product and its power adapter more than 15 cm (6 inches) away from any pacemakers or other implanted medical devices. If you suspect your product is interfering with your pacemaker or any other implanted medical device, turn off your product and consult your physician for information specific to your medical device.

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
	Alternating current
	Direct current
	Class II equipment
	Caution
	Operator's manual
	Polarity of output terminals
	Energy efficiency Marking
	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.