



User Guide

AC1300+AV600 Dual-Band
Hybrid Mesh Wi-Fi System
Deco P7



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About This Guide

This guide provides a brief introduction to Deco Whole Home Hybrid 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 Deco Whole Home Hybrid 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>.

Speed/Coverage/Device Quantity Disclaimer

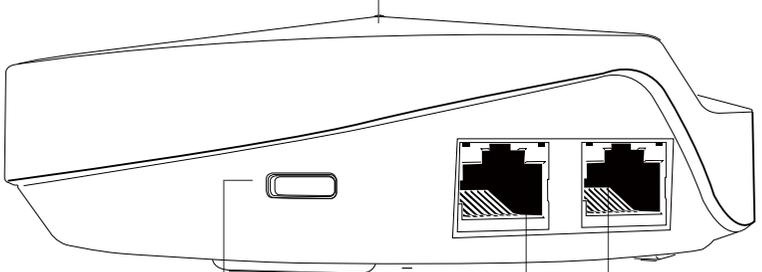
Maximum wireless transmission rates are the physical rates derived from IEEE Standard 802.11 specifications. Range, coverage, and maximum quantity of connected devices are based on test results under normal usage conditions. Actual wireless data throughput, wireless coverage, and quantity of connected 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.

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:



The diagram shows the rear panel of a Deco device. From left to right, it features a small rectangular LED indicator, a circular Reset Button, two RJ-45 Ethernet Ports, and a Power Slot. Lines connect these components to their respective labels and descriptions.

- 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 firmwa e.
- 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.

The LED on the power adapter indicates the powerline backhaul network status:

LED	Indication
Green	The powerline backhaul network is in good condition.
Orange	The powerline backhaul network is in poor condition or it is not established.

Set Up Your Deco

Follow the steps below to set up your Deco Whole Home Hybrid Mesh Wi-Fi system.

1. Download and install the 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.



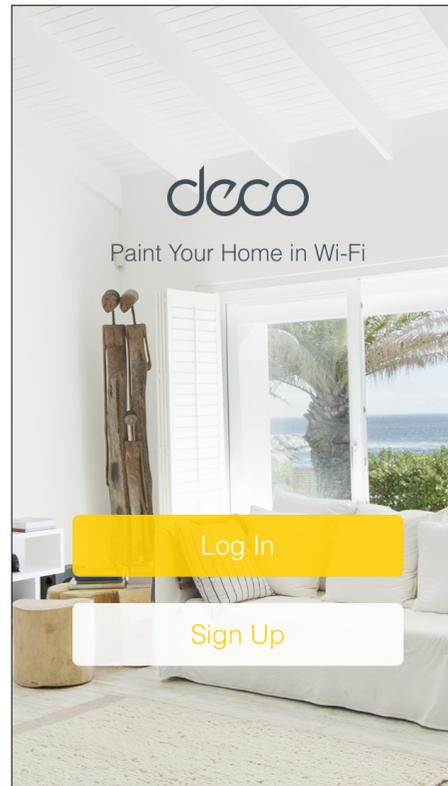
or



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

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

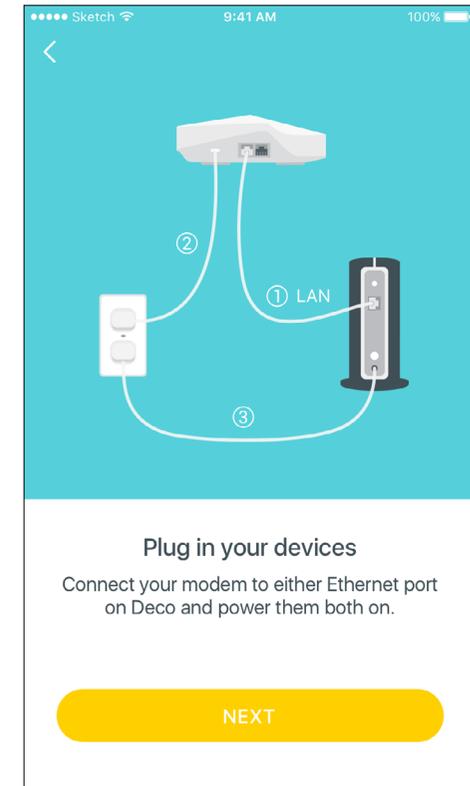
If you don't have a TP-Link ID, tap Sign Up. The Deco app will guide you through the rest.



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.

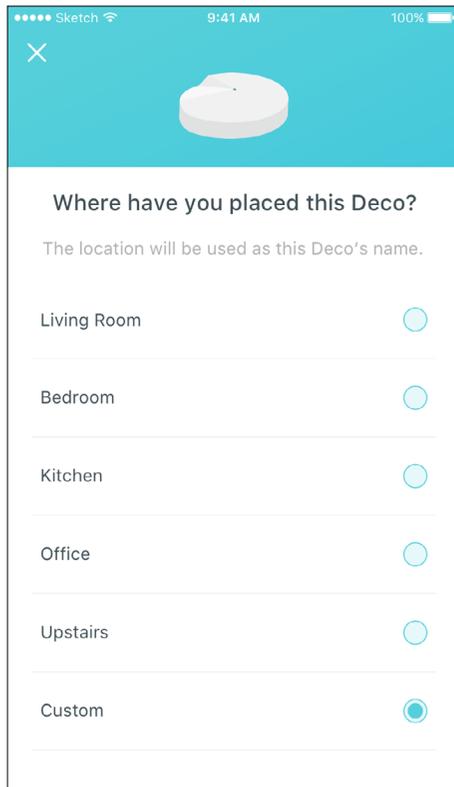


Set Up Your Deco

Follow the steps below to set up your Deco Whole Home Hybrid Mesh Wi-Fi system.

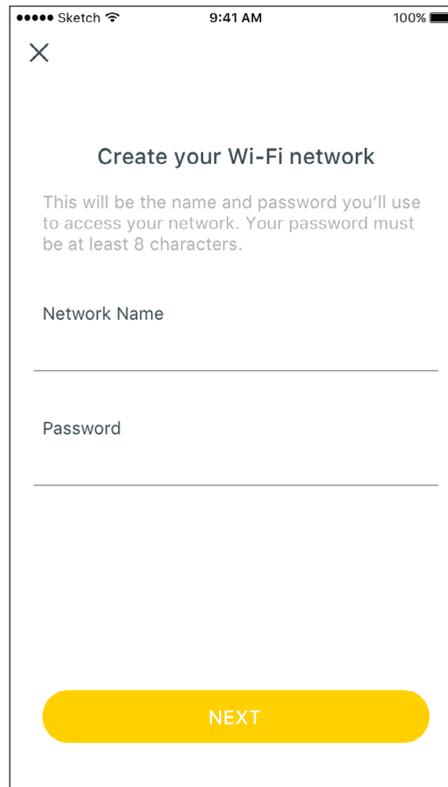
4. Select a location

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



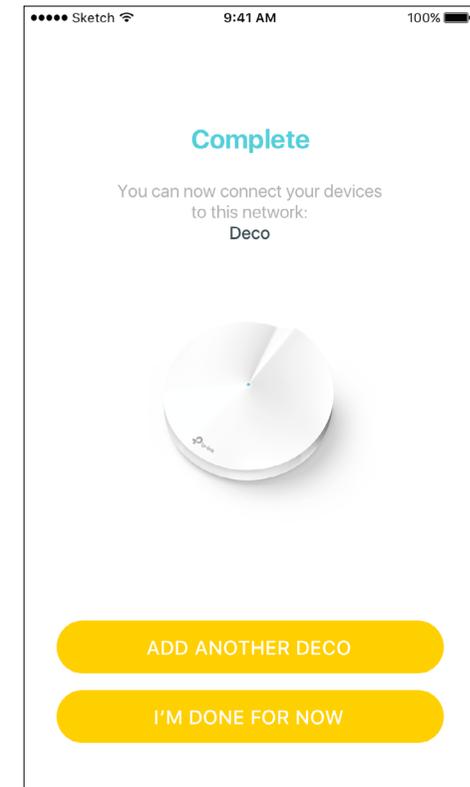
5. Create your Wi-Fi network

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

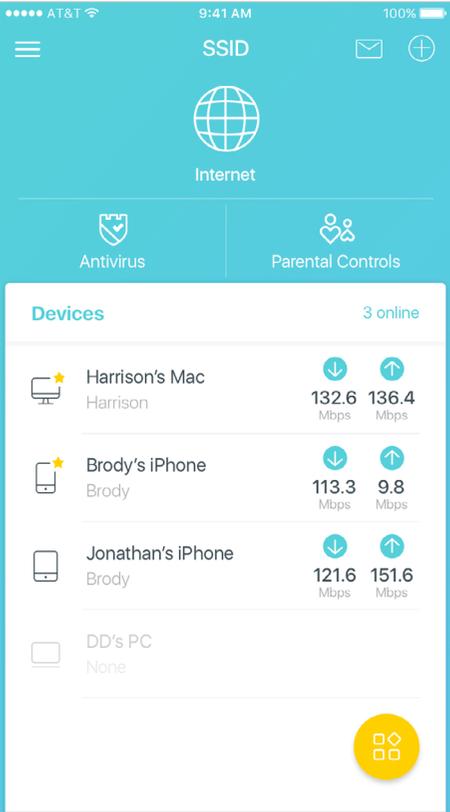
You can add more Decos to expand Wi-Fi coverage. The app will guide you through the process of adding more Decos one by one.



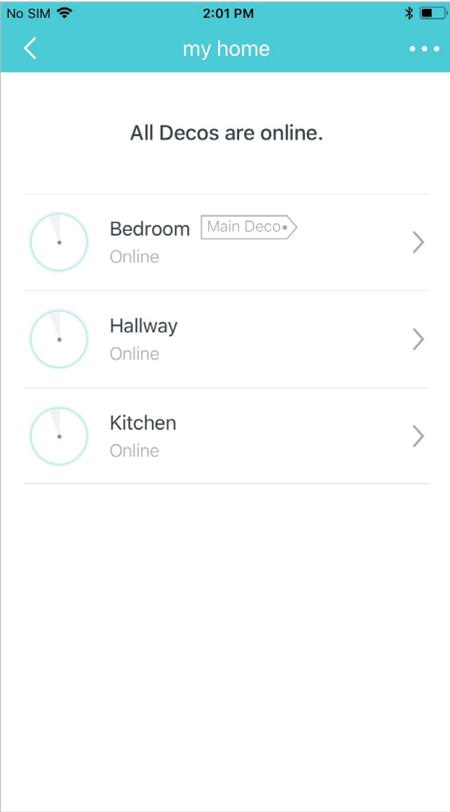
Dashboard

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.

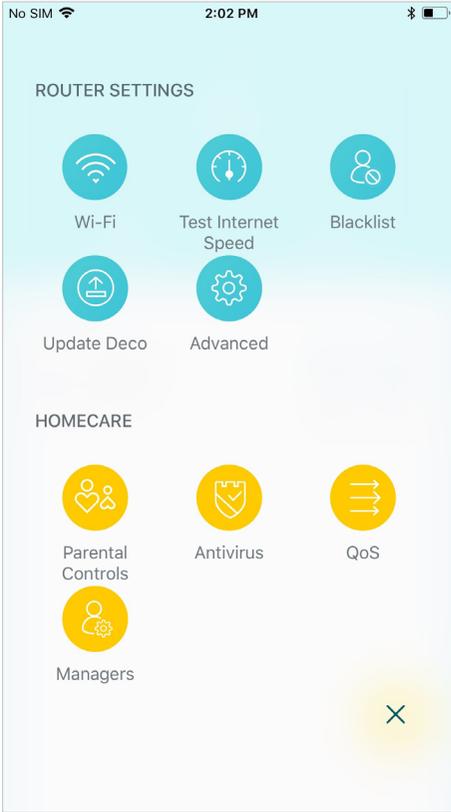
Devices



Tab Internet icon to check Deco status



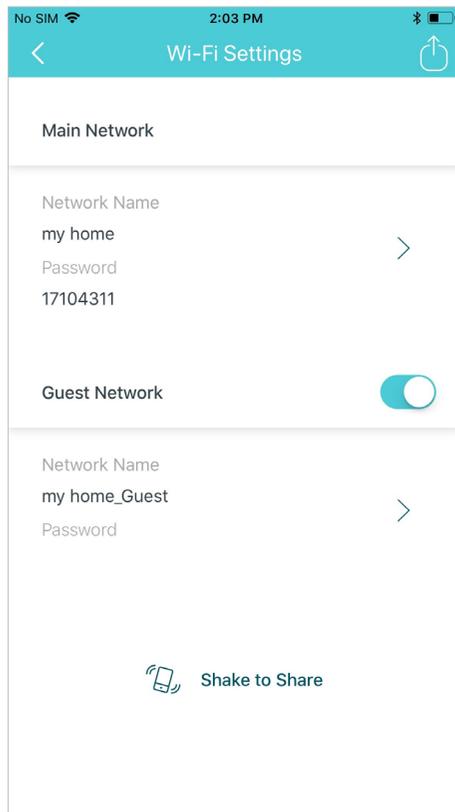
Tab the yellow icon to display more features



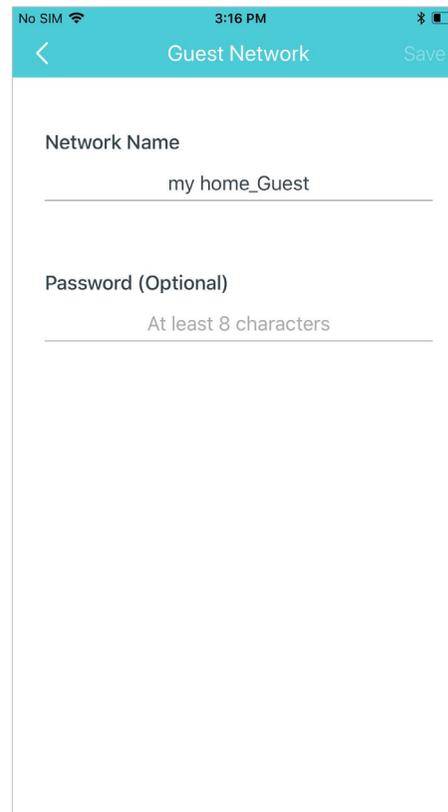
Wi-Fi Settings

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.

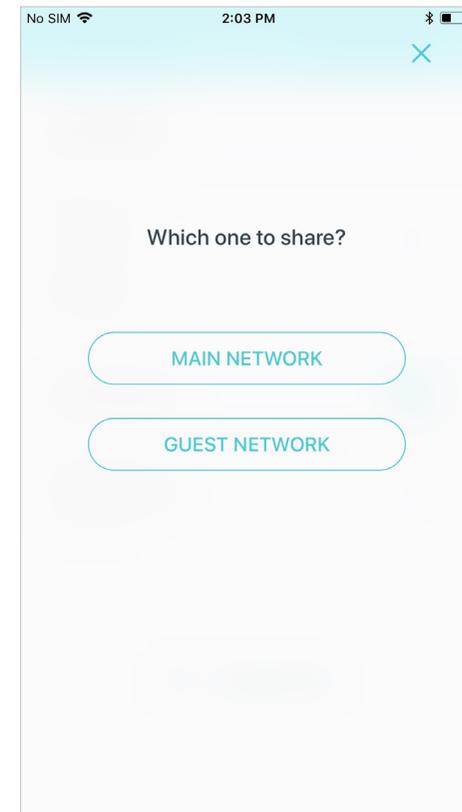
Enable Guest Network



Create Network Name and Password



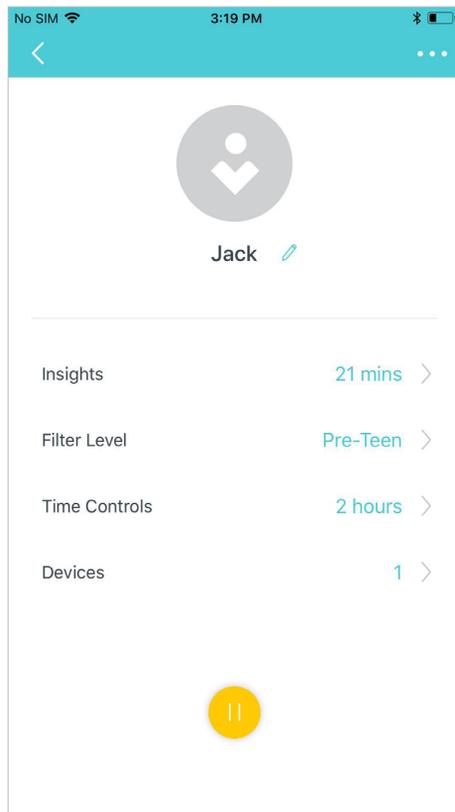
Shake to Share



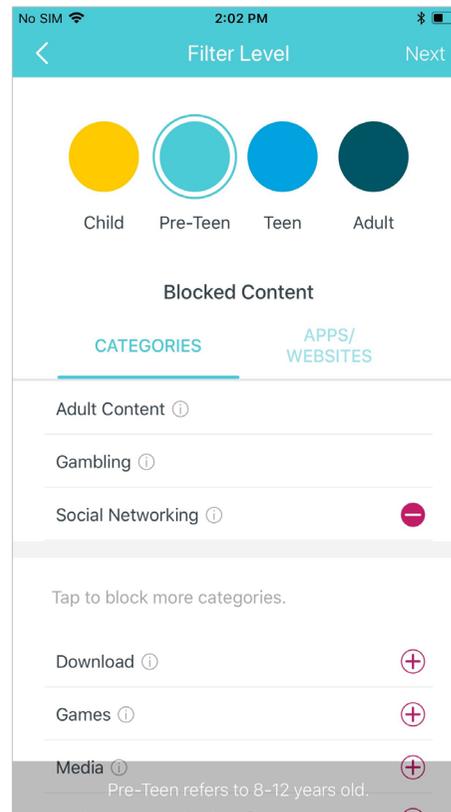
Parental Controls

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.

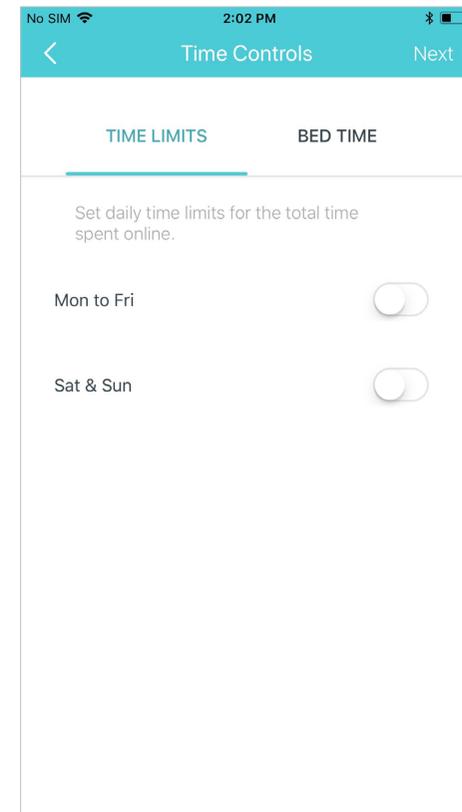
Insights



Filter Level



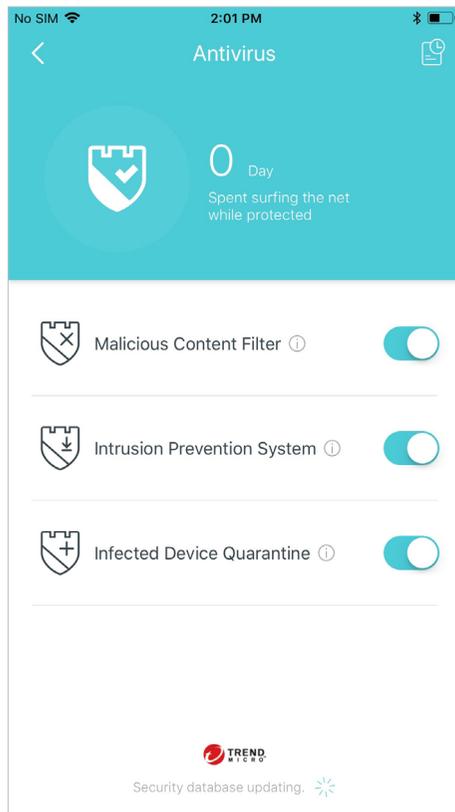
Time Controls



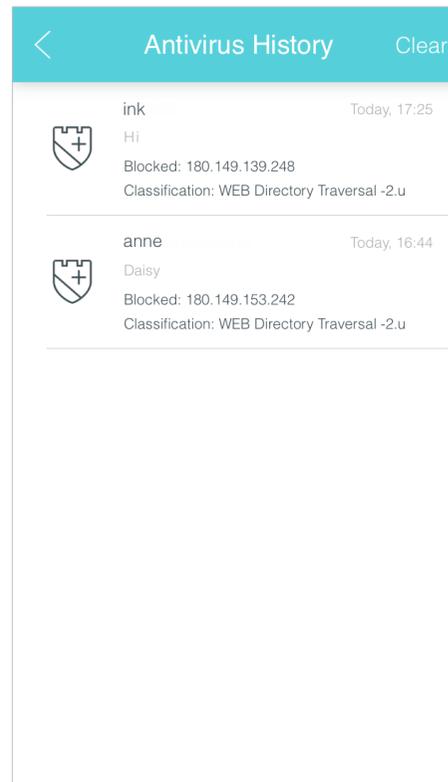
Antivirus

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.

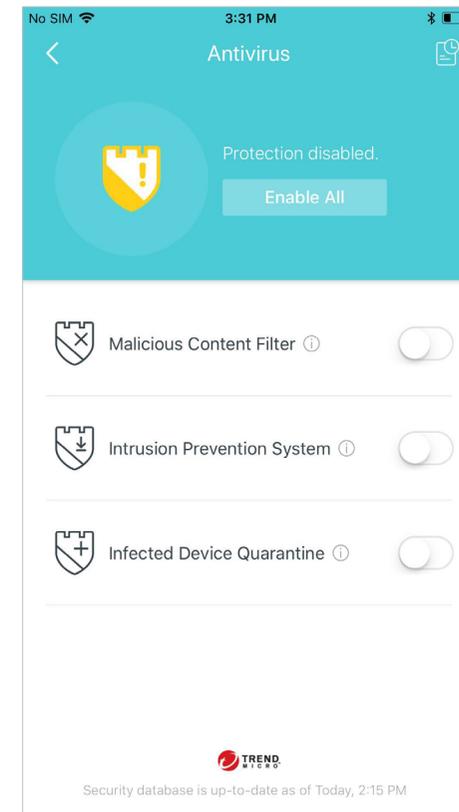
Protection Enabled



Alert History



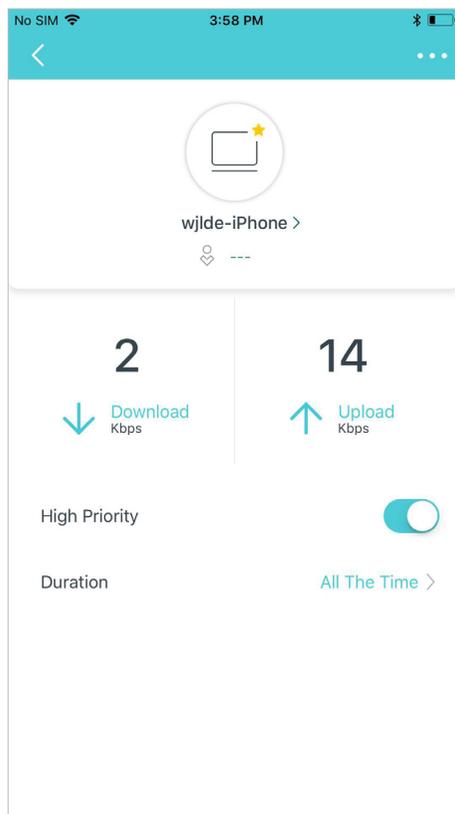
Protection Disabled



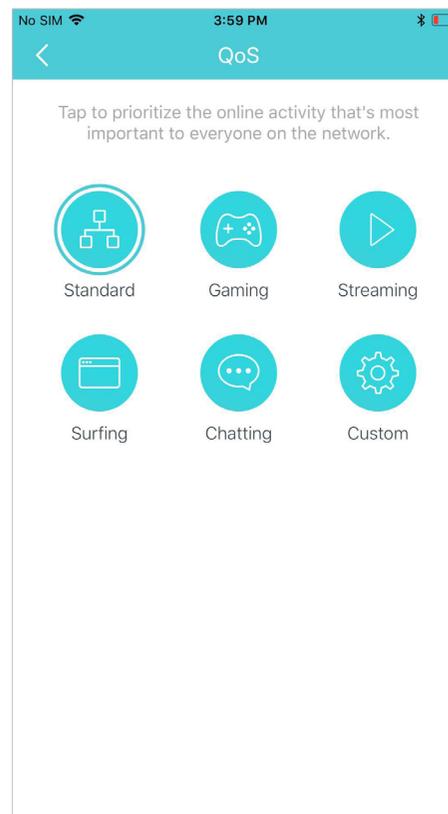
QoS

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.

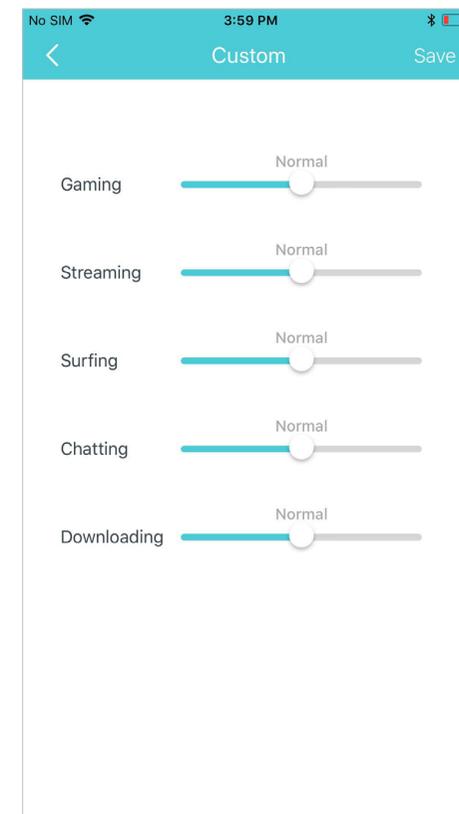
Prioritize a Device



Prioritize an Activity



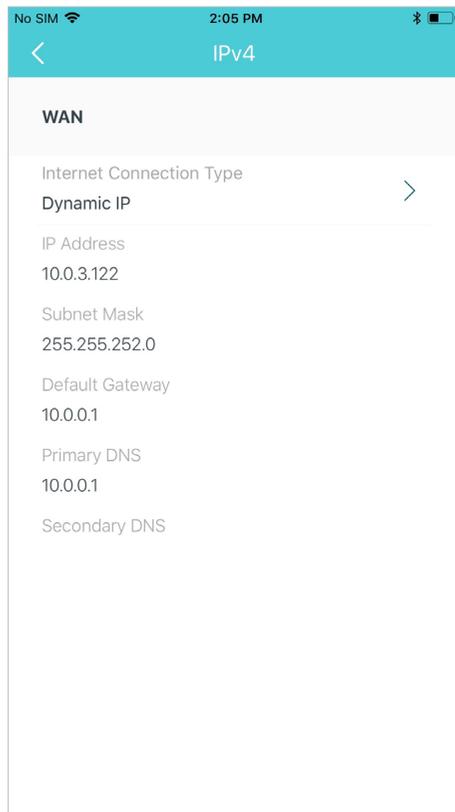
Customize



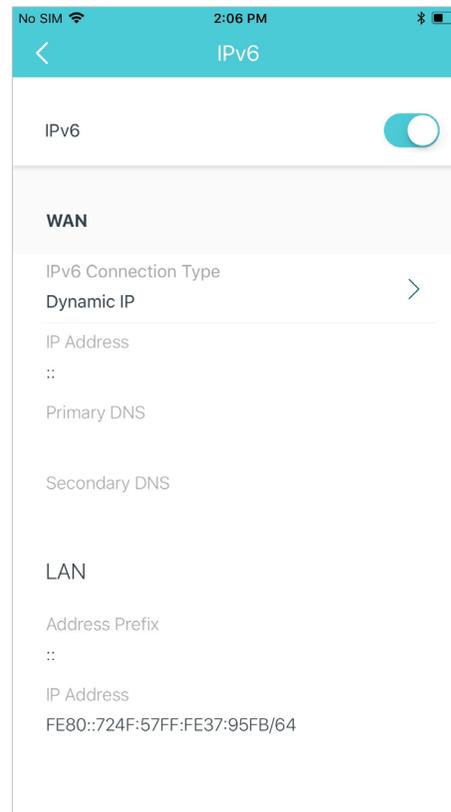
Advanced Features

Additional features are available under the Advanced menu. You can modify WAN settings (IPv4 & IPv6), configure LAN parameters, control Deco's LED and turn notifications off and on, easily 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 the same IP address for a specific device, and change the working mode.

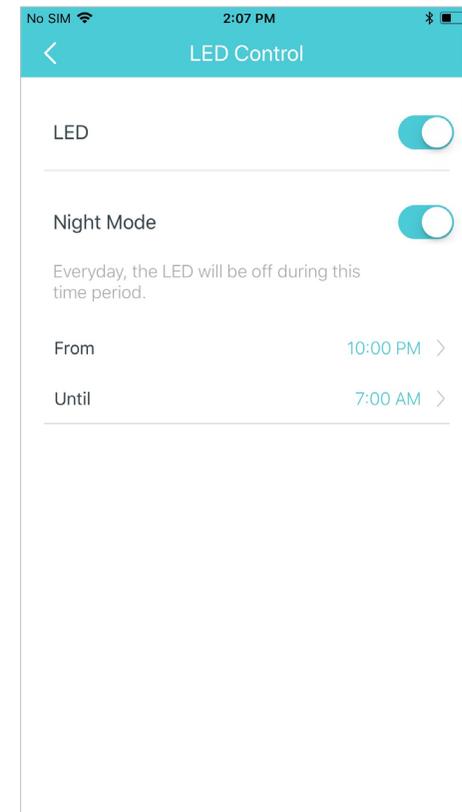
IPv4



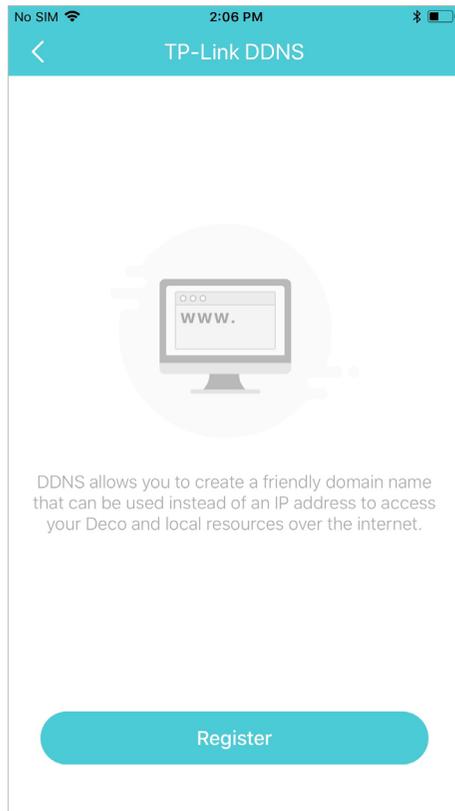
IPv6



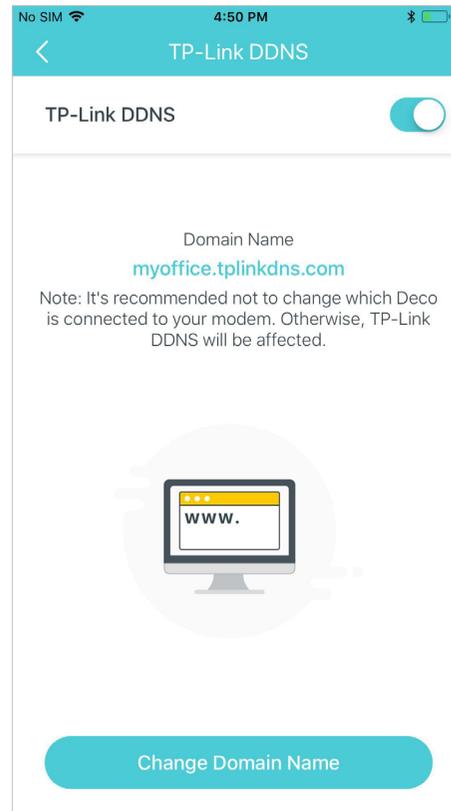
LED Control



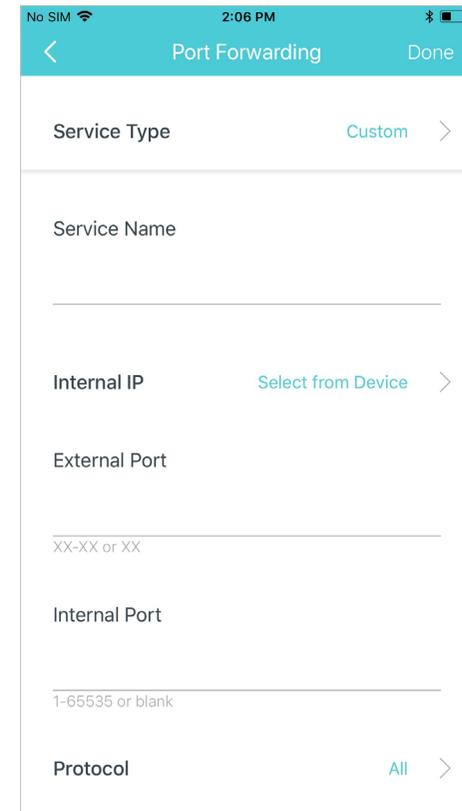
Register a TP-Link DDNS domain name



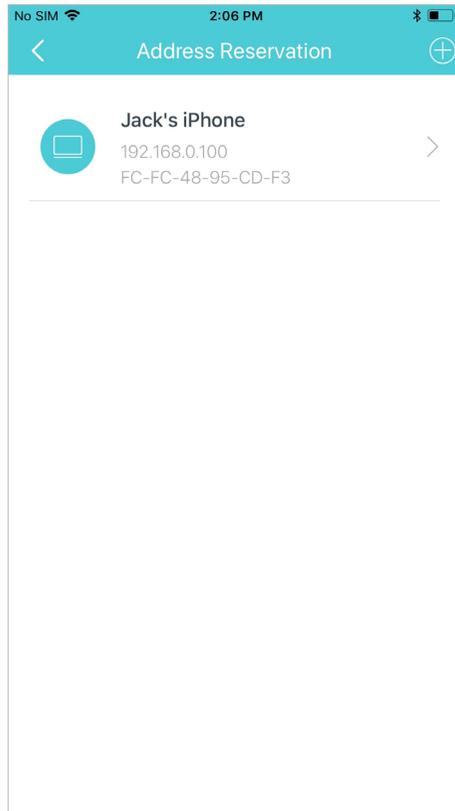
Enable or disable TP-Link DDNS feature



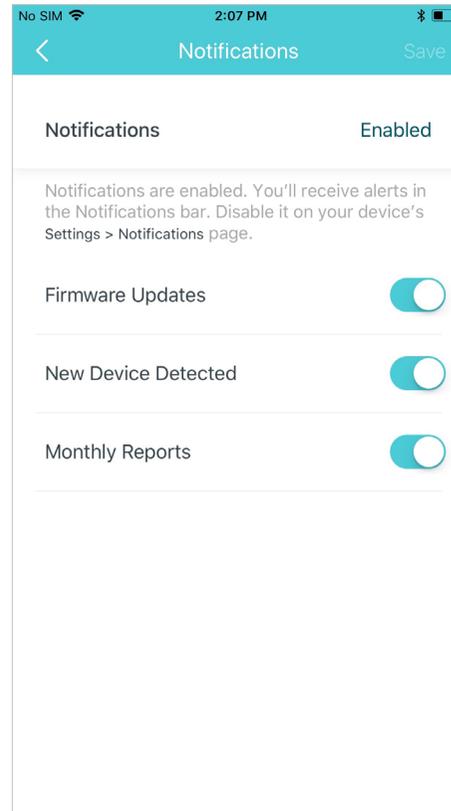
Set up port forwarding rules



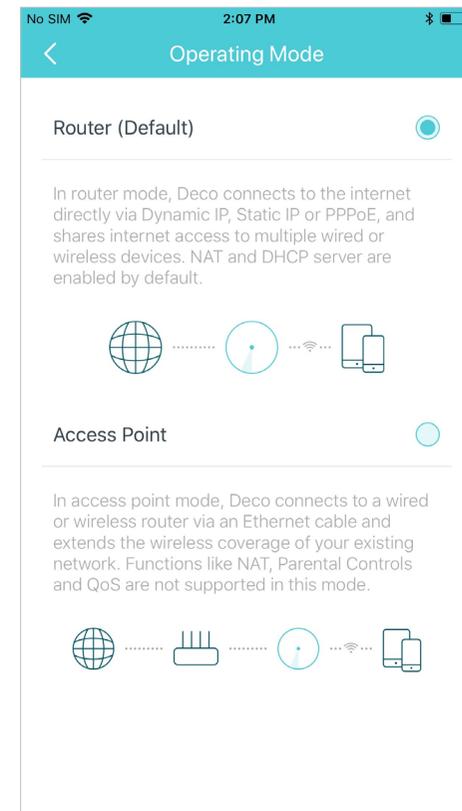
Reserve IP addresses for specific devices



Turn on/off notifications



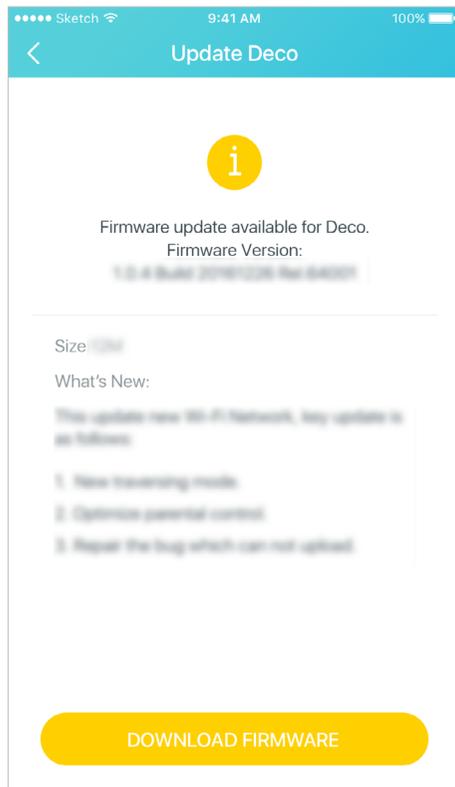
Change the working mode



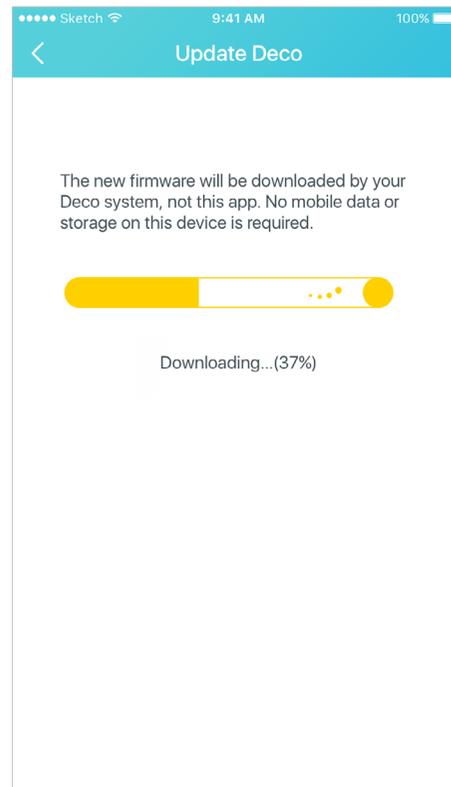
Online Upgrade

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

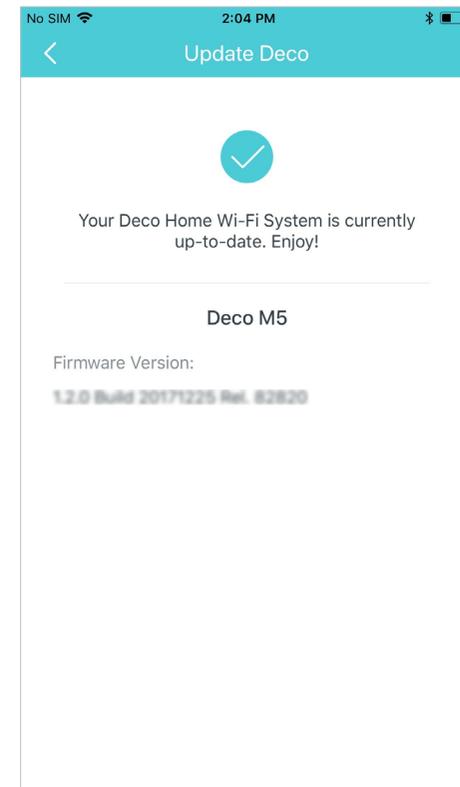
Update Available



Updating Deco



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

No SIM 2:05 PM

Add as Manager

Email address

This is the email this person used to register their TP-Link ID.

SAVE

Manager List

Sketch 9:41 AM 100%

Jason owner
Jason.yu@tp-link.com

MANAGERS

Dusko
dusko@tp-link.com

Titus
titus.wang@tp-link.com

Authentication

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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)

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.



Продукт сертифіковано згідно з 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.

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
	<p>RECYCLING</p> <p>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.</p> <p>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.</p>