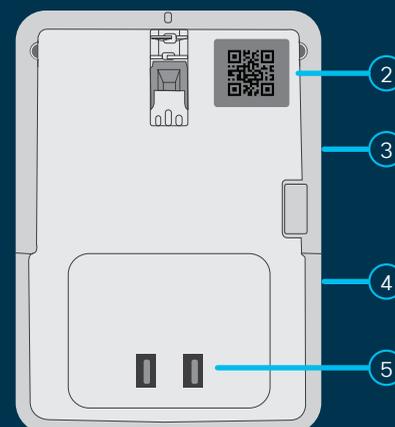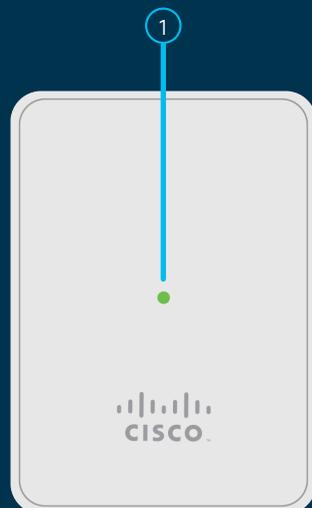# Cisco Business 142AC Mesh Extender

Thank you for choosing the Cisco Business 142AC Mesh Extender.

The mesh extender can be used to expand coverage of your existing Cisco Business Wireless Network.

This Quick Start Guide will get you up and running in no time.

What's in the Box

- Cisco Business 142AC Mesh Extender
- Quick Start Guide
- Technical Support Contact List
- Pointer Card China RoHS
- Compliance Information (for EU SKU only)

Product Features

1. Status LED
2. QR Code
3. Mode Button (on side)
4. Kensington Lock (on side)
5. AC Plug (will vary by country)

START HERE

First, You'll Need...

- An active Internet connection
- An operational/configured CBW Master AP (140AC/145AC/240AC) with Mesh enabled
- A router (to act as your DHCP server)
- A QR code reader (if not using the Cisco Business app). Free QR code readers are available for Android and Apple products.

Cisco Business app*

Download the free Cisco Business app to simplify setup and monitoring. The app already contains a QR code reader.
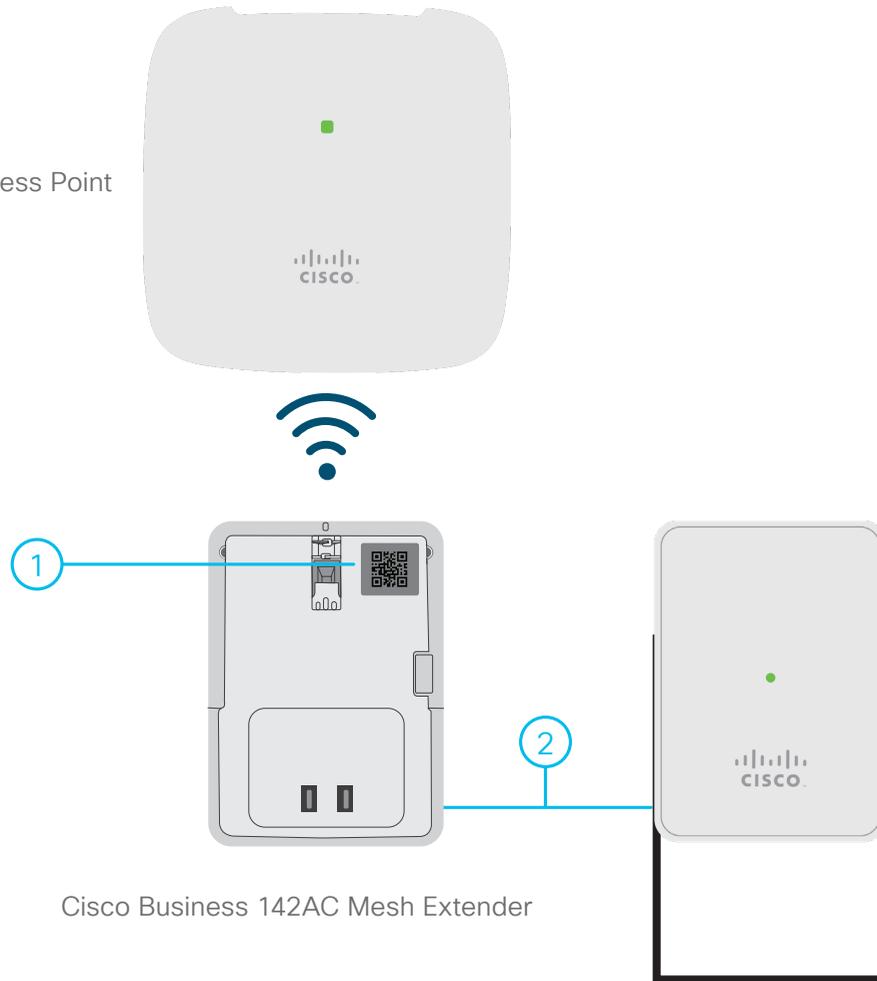*When available

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Download on the App Store

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Get Connected

Cisco Business Master Access Point

①

②

Cisco Business 142AC Mesh Extender

Preparing Your Product

① If you have downloaded the Cisco Business app, use it to connect to the SSID of the Master AP and proceed to "Get Configured". If you are not using the app then obtain the MAC address by scanning the QR code on the back of the mesh extender. Once you have the MAC address proceed to step ②.

② Plug the mesh extender into a power outlet. The mesh extender will begin initial boot up. During this process the LED will cycle through red, amber and green. This is normal and you may continue on to "Get Configured".

Get Configured

Step 1—Connect

VIA WIRELESS (WEB UI)
Join the SSID of the Master AP that was set up during initial configuration.

VIA APP
Open the app and go to "Monitor My Network". Select the Discovered Master and log into the Master AP. Select "Add a device" and follow the setup steps. Finally, plug the mesh extender into a power outlet. During initial boot up the LED will cycle through red, amber and green. A solid or blinking green LED ensures that joining was successful.

Step 2—Access via Wireless (WEB UI)

① Launch a web browser and type the URL **https://ciscobusiness.cisco** and press "Enter".

② Log into the Master AP with the user name and password you created while configuring the Master AP.

③ Go to **Wireless Settings>WLAN Users>Local MAC Addresses**.

④ Click **"Add MAC Address"** and add the MAC address of the mesh extender to join the network.

NOTE: If the access point was not set up with Mesh support enabled you will not be able to add Mesh extenders to your WLAN until Mesh support is enabled. Go to **Wireless Settings > Mesh** and if the "Mesh" button is not enabled (green), enable it and select "apply". Select "Yes" on the pop-up confirmation window. The AP will now reboot.

⑤ Select the **Type** as "**Whitelist**"

⑥ The mesh extender LED will cycle through multiple states while the unit is uploading firmware and joining the Master AP. This may take ten minutes or more. A solid or blinking green LED ensures that joining was successful.

⑦ You can navigate to **Wireless Settings>Access Points** and check if the mesh extender is listed under the "**AP Model**" column of the table. This may take a few minutes to appear in the table.

⑧ Save the configuration by selecting the red disk icon in the web interface (UI) header and select "OK" on the confirmation pop-up window.

⑨ You can now manage the mesh extender using the Master AP web-UI

For more details on LED indicators and advanced configurations, see "Cisco Business Wireless Access Point Administration Guide".

Step 3—Mount and Ground

Cisco Business mesh extenders can be mounted in several configurations.

For detailed mounting instructions, see "Cisco Business Wireless Access Point Administration Guide".

Support

For Cisco support and additional product documentation, including the Administration Guide, visit:
cisco.com/go/cbw142ac