CISCO DESIGNED CBW140AC

Cisco Business 140AC Wi-Fi Access Point User Manual

Model: CBW140AC | Brand: CISCO DESIGNED

Product Overview

The Cisco Business 140AC Wi-Fi Access Point (CBW140AC-B) is designed to provide secure and reliable wireless connectivity for small businesses. It features 802.11ac (Wi-Fi 5) technology with 2x2 MU-MIMO, a 1 Gigabit Ethernet (GbE) port, and supports Power over Ethernet (PoE). This access point can be mounted on a wall or ceiling, offering flexible deployment options to extend Wi-Fi coverage.

What's in the Box

- CBW140 Access Point
- Support contact pointer card
- Mounting bracket
- Ceiling rail mount clip
- Cat5 Ethernet Cable
- Quick Start Guide

Setup Instructions

Setting up your Cisco Business 140AC Access Point is designed to be straightforward. Follow these general steps:

1. **Physical Placement:** Choose a suitable location for the access point. It can be mounted on a wall or ceiling using the included brackets. Ensure the location allows for optimal Wi-Fi coverage.
2. **Power Connection:** The device supports Power over Ethernet (PoE). Connect an Ethernet cable from a PoE-enabled switch or a Cisco Business Power over Ethernet injector (CB-PWRINJ, sold separately) to the GbE port on the access point.
3. **Network Connection:** Connect the Ethernet cable from the access point to your network.
4. **Initial Configuration:** The Cisco Business Mobile app simplifies management and monitoring of your network.

Download the app and follow the on-screen instructions for initial setup. Alternatively, you can use a web browser to access the device's management interface.



Figure 1: Cisco Business 140AC Wi-Fi Access Point. This image shows the top-down view of the white, square-shaped access point with the Cisco logo and a small indicator light.

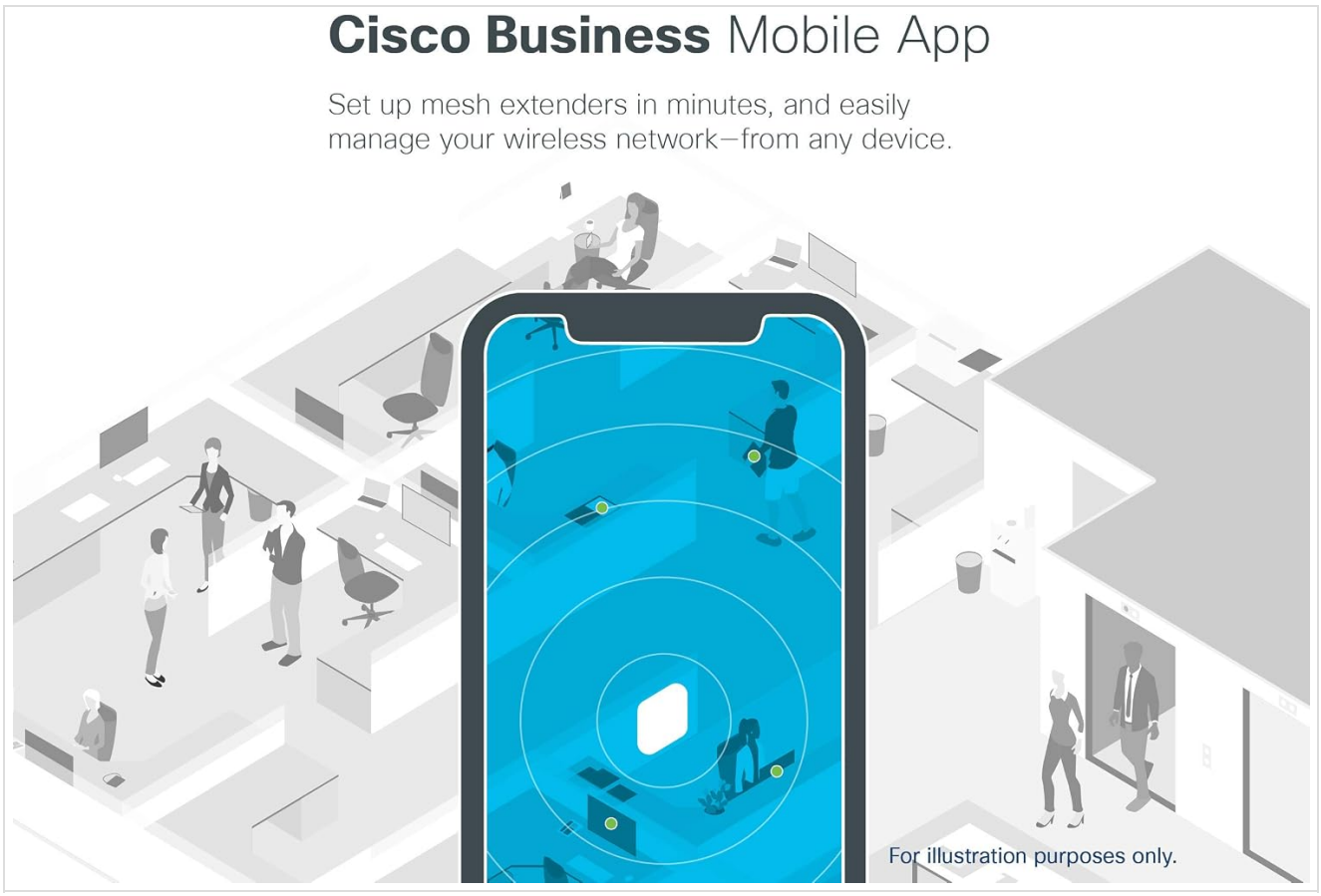


Figure 2: Illustration of the Cisco Business Mobile App interface on a smartphone, demonstrating network management capabilities.

Operating the Access Point

Once set up, the Cisco Business 140AC Access Point provides enterprise-grade MU-MIMO (2x2) performance, delivering highly secure and reliable wireless connectivity. It is designed to integrate seamlessly with other Cisco Business Wireless access points and mesh extenders to expand your Wi-Fi coverage.

The system prioritizes network access based on use cases, such as point-of-sale systems or surveillance, and can manage guest privileges. Automated management features ensure consistent performance without constant manual intervention.



Figure 3: Key features of the Cisco Business 140AC Access Point, including Enterprise class 802.11ac Wave 2 standard, 2x2 MU-MIMO, One Gigabit Ethernet (GE) port with (PoE) support, and Ceiling and T-bar / Wall mounting kit included.



Figure 4: An illustrative diagram showing how Cisco Business wireless access points and mesh extenders can be combined to create

comprehensive Wi-Fi coverage in a workspace.

Maintenance

The Cisco Business 140AC Access Point is designed for minimal maintenance. Regular firmware updates, managed through the Cisco Business Mobile app or web interface, ensure optimal performance and security. It is recommended to periodically check the device status via the management interface to ensure proper operation.

Troubleshooting

For common issues, refer to the Quick Start Guide included in the box. If you encounter persistent problems, utilize the Cisco Business Mobile app for diagnostics or consult the comprehensive online documentation available on the Cisco support website. Ensure your device has a stable power source and network connection. Advanced security features, including Cisco Umbrella integration, help prevent malware and phishing threats, contributing to network stability.

Specifications

Feature	Detail
Wireless Type	802.11ac
Series	CBW140AC
Item Model Number	CBW140AC
Operating System	Cisco IOS
Item Weight	13.1 ounces
Product Dimensions	5.89 x 5.94 x 1.3 inches
Voltage	100-240 Volts
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11ac
Frequency	2.4 GHz
Connectivity Technology	Wired, Wireless
Antenna Type	Fixed

CISCO DESIGNED	CBW Access Points		
	CBW140AC Access Point	CBW145AC Access Point	CBW240AC Access Point
Best For	SoHo / SB	SB / SMB / Back Office	SB / SMB
Mounting	Ceiling and T-bar / Wall	Wall / Wall Plate	Ceiling and T-bar / Wall
	Mounting Kit included	Mounting Kit included	Mounting Kit included
Maximum data rate	867Mbps	867Mbps	1733Mbps
Antennas Spatial streams	2X2:2SS – 80 MHz	2X2:2SS – 80 MHz	4X4:4SS – 80 MHz
Number of Wired Ports	1 GbE	4 GbE (1 PoE pass-thru)	2 GbE
Security	WPA/WPA2, WPA3, WPA2-Enterprise, RADIUS Server	WPA/WPA2, WPA3, WPA2-Enterprise, RADIUS Server	WPA/WPA2, WPA3, WPA2-Enterprise, RADIUS Server
PoE requirement and Power Draw	802.3af, 8.3W	802.3af, 8.5W	802.3af, 13.2W
		803.3at required for PSE	
Memory	256 MB Flash 1 GB RAM	256 MB Flash 1 GB RAM	512 MB Flash 1 GB RAM
Dimensions	6 x 6 x 1.3 in	3.5 x 5.5 x 1.25 in	7 x 7 x 1.5 in
	150.8 x 150.8 x 33 mm	89 x 140 x 31.5 mm	177.8 x 177.8 x 38 mm
Warranty	Limited lifetime hardware warranty	Limited lifetime hardware warranty	Limited lifetime hardware warranty

Figure 5: A comparison table illustrating specifications for various Cisco Business Access Point models, including CBW140AC, CBW145AC, and CBW240AC.

Warranty and Support

The Cisco Business 140AC Wi-Fi Access Point comes with a**limited lifetime warranty**. Additionally, **one-year technical support** is provided to assist with any operational inquiries or issues. For further assistance, please refer to the official Cisco support channels.

For detailed documentation, including the Instructions for Use (IFU) in PDF format, please visit the official Cisco support website or refer to the link provided with your product documentation.

Note: No official product videos from the seller were available for embedding based on the provided data.

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