

CISCO DESIGNED MR36

Cisco Meraki MR36 Wireless Access Point User Manual

Model: MR36 | Brand: CISCO DESIGNED

1. INTRODUCTION

The Cisco Meraki MR36 is an indoor cloud-managed Wi-Fi 6 (802.11ax) wireless access point designed for enterprise environments. It integrates Bluetooth and a dedicated security radio, offering robust and secure wireless connectivity. This manual provides essential information for the setup, operation, and maintenance of your MR36 access point.

The MR36 is managed through the intuitive Meraki Dashboard, providing centralized control and visibility over your network infrastructure. Its lightweight and streamlined design allows for flexible deployment in various settings, including offices, businesses, and homes requiring high-performance wireless access.

2. WHAT'S IN THE BOX

Upon unpacking your Cisco Meraki MR36, verify that all components are present:

- Cisco Meraki MR36 Wireless Access Point
- Mounting Plate (for ceiling or wall mounting)
- Mounting Hardware (screws, wall anchors)
- Ethernet Cable
- Quick Start Guide
- 3-Year Enterprise License (digital entitlement, typically activated via the Meraki Dashboard)

If any items are missing or damaged, please contact your vendor or Cisco Meraki support.

3. SETUP

Follow these steps for the initial setup of your MR36 Wireless Access Point:

1. **Physical Placement:** Select a central location for optimal Wi-Fi coverage. The MR36 can be mounted on a wall or ceiling using the provided mounting plate and hardware.
2. **Connect Ethernet:** Connect an Ethernet cable from your network switch (preferably one with Power over Ethernet, PoE) to the Ethernet port on the back of the MR36. If PoE is not available, use a compatible power adapter (sold separately).
3. **Power On:** Once connected, the device will power on. Observe the LED indicator on the side of the unit.

4. **Meraki Dashboard Configuration:** Access the Meraki Dashboard (dashboard.meraki.com) using your Meraki account. Add your MR36 device to your network by entering its serial number.
5. **Network Configuration:** Within the Dashboard, configure your SSIDs (Wi-Fi networks), security settings, and any desired traffic shaping or access control policies.

For detailed mounting instructions and advanced configuration, refer to the comprehensive documentation available on the Meraki Dashboard or Cisco Meraki support website.



Figure 1: Cisco Meraki MR36 Wireless Access Point (top view). This image shows the sleek, white rectangular device with the Cisco Meraki logo on the top right corner.

4. OPERATING INSTRUCTIONS

The Cisco Meraki MR36 operates as a cloud-managed access point, providing seamless wireless connectivity. Key operational aspects include:

- **Cloud Management:** All configurations, monitoring, and firmware updates are handled through the Meraki

Dashboard. This allows for remote management and ensures your device always runs the latest software.

- **Traffic Shaping and QoS:** Utilize the Meraki Dashboard to prioritize network traffic for critical applications (e.g., video conferencing) or specific devices, ensuring consistent performance.
- **Guest Access:** Easily set up secure guest Wi-Fi networks with customizable splash pages and bandwidth limits.
- **LED Indicator:** The LED on the side of the MR36 provides visual status information. Different colors and blinking patterns indicate device health, connectivity status, and potential issues. Refer to the Meraki documentation for a detailed LED status guide.



Figure 2: Cisco Meraki MR36 Wireless Access Point (side view). This image highlights the small LED indicator light on the side of the device, which communicates operational status.

5. MAINTENANCE

Maintaining your MR36 ensures optimal performance and longevity:

- **Firmware Updates:** The Meraki Dashboard automatically manages firmware updates, ensuring your device benefits from the latest features, security patches, and performance improvements. No manual intervention is typically

required.

- **Physical Cleaning:** Periodically clean the exterior of the access point with a soft, dry cloth to prevent dust buildup, which can affect performance and cooling. Do not use liquid cleaners directly on the device.
- **Environmental Conditions:** Ensure the device is operated within its specified temperature and humidity ranges to prevent damage. Avoid placing it near heat sources or in areas with excessive moisture.

6. TROUBLESHOOTING

If you encounter issues with your MR36, consider the following troubleshooting steps:

- **No Power/LED Off:** Verify the Ethernet cable is securely connected and your PoE switch or power adapter is functioning correctly.
- **LED Status:** Consult the Meraki documentation for the meaning of different LED colors and blinking patterns. This can quickly diagnose connectivity or operational issues.
- **No Internet Access:** Check your upstream network connection (modem/router). Ensure the MR36 is properly configured in the Meraki Dashboard and has an active internet connection.
- **Poor Wi-Fi Performance:** Review your network configuration in the Meraki Dashboard. Consider adjusting channel settings, power levels, or checking for interference. Ensure the device is optimally placed.
- **Device Not Appearing in Dashboard:** Confirm the device is powered on and connected to the internet. Verify the serial number was correctly added to your Meraki network.

For persistent issues, refer to the Cisco Meraki online knowledge base or contact technical support.

7. SPECIFICATIONS

Feature	Detail
Model Name	MR36
Brand	CISCO DESIGNED
Wireless Type	802.11ax (Wi-Fi 6), Bluetooth
Frequency Band Class	Dual-Band
Operating System	Meraki Dashboard
Antenna Type	Internal
Connectivity Technology	Bluetooth, Wi-Fi
Item Weight	2.29 pounds
Package Dimensions	11.93 x 6.42 x 2.72 inches
Manufacturer	Cisco Meraki

8. WARRANTY AND SUPPORT

The Cisco Meraki MR36 Wireless Access Point bundle includes a 3-Year Enterprise License, which provides access to the Meraki cloud management platform and ongoing software updates.

Cisco Meraki offers 24/7 technical support for its products. For assistance with setup, configuration, troubleshooting, or any other inquiries, please refer to the official Cisco Meraki support website or contact their technical support team

directly. Details regarding specific warranty terms and conditions can be found on the Cisco Meraki website or through your authorized reseller.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question