

CISCO MR56 Wi-Fi 6 Access Point



# CISCO MR56 Wi-Fi 6 Access Point Instruction Manual

[Home](#) » [Cisco](#) » CISCO MR56 Wi-Fi 6 Access Point Instruction Manual 

## Contents

- [1 CISCO MR56 Wi-Fi 6 Access Point](#)
- [2 Specifications](#)
- [3 FAQ](#)
- [4 Product Information](#)
- [5 Scope](#)
- [6 FCC Statement](#)
- [7 Documents / Resources](#)
  - [7.1 References](#)
- [8 Related Posts](#)



## CISCO MR56 Wi-Fi 6 Access Point



## Specifications

- Product Model: MR56-HW
- Dimensions: 320 mm

- Target Market: European Union, Lichtenstein, Switzerland, Iceland, Norway, Turkey, and other countries implementing EU Directive 2014/53/EU
- Test Methods for Conformity:
  - Radio: EN 300 328, EN 301 893
  - EMC: EN 301 489-1, EN 301 489-17
  - Safety: EN 60950-1
  - RF Exposure: EN 50385
  - Emissions: EN 55032, EN 55024, EN 61000-3-2, EN 61000-3-3
  - Immunity: EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-11

### **Product Usage Instructions:**

1. Read the installation instructions thoroughly before using, installing, or connecting the system to a power source.
2. Only trained and qualified personnel should handle installation, replacement, or servicing of the equipment.
3. Ensure compliance with local and national electrical codes during equipment installation.
4. Dispose of the product in accordance with national laws and regulations.
5. Avoid the risk of electric shock by not opening the equipment as there are no user-serviceable parts inside.

### **Compliance Information:**

The product conforms to the essential requirements of EU Directive 2014/53/EU through various test methods for radio, EMC, safety, RF exposure, emissions, and immunity.

### **Simplified EU Declaration of Conformity:**

This declaration is valid for configurations supported by Cisco Systems within the EU or compliant countries. Use of unsupported software/firmware may render the equipment non-compliant with regulations.

For the full declaration of conformity for this product, visit [meraki.cisco.com/compliance](https://meraki.cisco.com/compliance).

### **FAQ**

- **Q: Can I open the equipment for servicing?**
  - A: No, there are no user-serviceable parts inside. Opening the equipment may pose a risk of electric shock.
- **Q: Who should handle the installation and servicing of the product?**
  - A: Only trained and qualified personnel should be allowed to install, replace, or service this equipment.
- **Q: Where can I find the complete compliance information for the product?**
  - A: The full declaration of conformity for this product can be found at [meraki.cisco.com/compliance](https://meraki.cisco.com/compliance)

### **Product Information**

Read the installation instructions before using, installing or connecting the system to the power source. Only trained and qualified personnel should be allowed to install, replace, or service this equipment. Ultimate disposal of this product should be handled according to all national laws and regulations. No user-serviceable parts inside.

To avoid risk of electric shock, do not open. Installation of the equipment must comply with local and national electrical codes.

## **Europe – EU Declaration of Conformity**

### **Scope**

The information in this document is applicable to the Cisco Meraki MR56-HW wireless LAN product. This product is intended to be placed on the market within the European Union, Lichtenstein, Switzerland, Iceland, Norway, Turkey and other countries that have implemented the EU Directive 2014/53/EU. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the EMI Directive 2011/65/EU.

- Radio: EN 300 328, EN 301 893
- EMC: EN 301 489-1, EN 301 489-17
- Safety: EN 60950-1
- RF Exposure: EN 50385
- Emissions: EN 61000-4-2, EN 61000-4-3, EN 61000-4-4,
- Immunity: EN 61000-4-5, EN 61000-4-6, EN 61000-4-11

### **Simplified EU Declaration of Conformity**

This declaration is only valid for configurations (combinations of software, firmware and hardware) provided and/or supported by Cisco Systems for use within the EU or countries that have implemented the EU Directives and/or spectrum regulation. The use of software or firmware not supported/provided by Cisco Systems may result in equipment no longer compliant with the regulatory requirements. The full declaration of conformity for this product can be found at [meraki.cisco.com/compliance](http://meraki.cisco.com/compliance)

Hereby, Cisco Systems, Inc. declares that this wireless device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EC.

**National Restrictions or Requirements for Authorization of Use** This device is a 2.4 GHz and 5 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries with the following restrictions:

#### **Denmark**

The band 5150 – 5350 MHz is also allowed for outdoor usage. In Denmark the frequency band 5150 -5350 MHz is also used for other purposes. This product meets the National Radio Interface and the requirements specified in the National Frequency allocation Table for Italy. Unless this wireless LAN product is operating within the boundaries of the owner's property, it requires a "general authorization". Please check <http://www.comunicazioni.it/it/> for more details.

<http://www.comunicazioni.it/it/> per maggiori dettagli.

#### **Latvia**

The outdoor usage of the 2.4 GHz band requires authorization from the Electronic Communications Office. Please check <http://www.esd.lv> for more details. 2.4 GHz frekvencu joslās izmantošanai nepieciešama atļauja no Elektronisko sakaru direkcijas. Vairāk informācijas: <http://www.esd.lv>

## Antennas

This device has integrated antennas that cannot be replaced. Operating Frequency & Maximum Output Power

### Operating Frequency & Maximum Output Power

<i>Frequency Band (MHz)</i>	<i>Max Power Level (EIRP) (mW)</i>	<i>Indoor ONLY</i>	<i>Indoor and Outdoor</i>
2400 - 2483.5	100		X
5150 - 5350	200	X	
5470 - 5725	1000		X

## FCC Statement

### EU Radiation Exposure Statement

This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

### FCC Compliance Statement

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, and (2) this device must accept any interference received, including interference that may cause undesired operation. FCC Interference Statement 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 correct the interference by one 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 which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

### FCC Caution

Any changes or modifications not expressly approved by Cisco Systems, Inc. could void the user's authority to operate this equipment. This Transmitter must not be co-located or operation in conjunction with any other antenna or transmitter.

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 34 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. IEEE

802.11b or 802.11g operation of this product in the USA is firmware-limited to channels 1 through 11.

### **Industry Canada Statement**

This device complies with RSS-247 of the Industry Canada Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.
3. this device subject to this section shall not be capable of transmitting in the band 5600-5650 MHz. This restriction is for the protection of Environment Canada's weather radars operating in this band.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible. This device and it's antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with IC multi-transmitter product procedures.

Dynamic Frequency Selection (DFS) for devices operating in the bands 5250- 5350 MHz, 5470-5600 MHz and 5650-5725 MHz. Sélection dynamique de fréquences (DFS) pour les dispositifs fonctionnant dans les bandes 5250-5350 MHz, 5470-5600 MHz et 5650-5725 MHz.

### **Industry Canada Caution**

1. 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;
2. high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz

### **Industry Canada 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 38 cm between the radiator & your body.

### **Australia Radiation Exposure Statement**

This equipment complies with Australian radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 26 cm between the radiator and your body.

### **Singapore IMDA Marking:**

Complies with IMDA Standards DB101992

### **Brazil Wireless Statement**



This equipment has no right to protection against harmful interference and cannot cause interference to authorized systems.

### **Thailand Statement**


This telecommunication equipment conforms to NTC/NBTC technical requirements.

Note: This Table is a regulatory document required for products shipped to the People's Republic of China.

- <http://www.cisco.com/web/JP/techdoc/pldocpldoc.html>
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NOTES: 1)			UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE: LINEAR TOLERANCES $\pm 0.1$      ANGULAR TOLERANCES $\pm 1^\circ$		REVISION: REV3
REV	REVISION DATE	REVISION DESCRIPTION			
REV3	2019/11/12	FIXED SPACING			
REV2	2019/11/07	ADDED M/N			
REV1	2019/10/22	CHANGED TO FLYER			
ORIG	2019/08/26	ORIGINAL			
THIRD ANGLE PROJECTION 			TITLE: REGULATORY BOOKLET		
MATERIAL: PER SAMPLE			PRODUCT: MR56	PART NUMBER: ###-####	SIZE: A1
FINISH: PER SAMPLE			SCALE:1:1	SHEET 1 OF 1	

## Documents / Resources

	<a href="#">CISCO MR56 Wi-Fi 6 Access Point</a> [pdf] Instruction Manual MR56 Wi-Fi 6 Access Point, MR56, Wi-Fi 6 Access Point, 6 Access Point, Access Point, Point
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## References

- [M Compliance | Cisco Meraki](#)
- [Cisco](#) - Cisco
- [Sākumlapa | VAS Elektroniskie sakari](#)
- [User Manual](#)

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