



ExtremeWireless™ AP510C/CX Access Point Installation Guide

Setup, Maintenance, and Best Practices

9038939-00 Rev AA
October 2024



Copyright © 2024 Extreme Networks, Inc. All rights reserved.

Legal Notice

Extreme Networks, Inc. reserves the right to make changes in specifications and other information contained in this document and its website without prior notice. The reader should in all cases consult representatives of Extreme Networks to determine whether any such changes have been made.

The hardware, firmware, software or any specifications described or referred to in this document are subject to change without notice.

Trademarks

Extreme Networks and the Extreme Networks logo are trademarks or registered trademarks of Extreme Networks, Inc. in the United States and/or other countries.

All other names (including any product names) mentioned in this document are the property of their respective owners and may be trademarks or registered trademarks of their respective companies/owners.

For additional information on Extreme Networks trademarks, see: <https://www.extremenetworks.com/about-extreme-networks/company/legal/trademarks>

Open Source Declarations

Some software files have been licensed under certain open source or third-party licenses.

End-user license agreements and open source declarations can be found at: <https://www.extremenetworks.com/support/policies/open-source-declaration/>

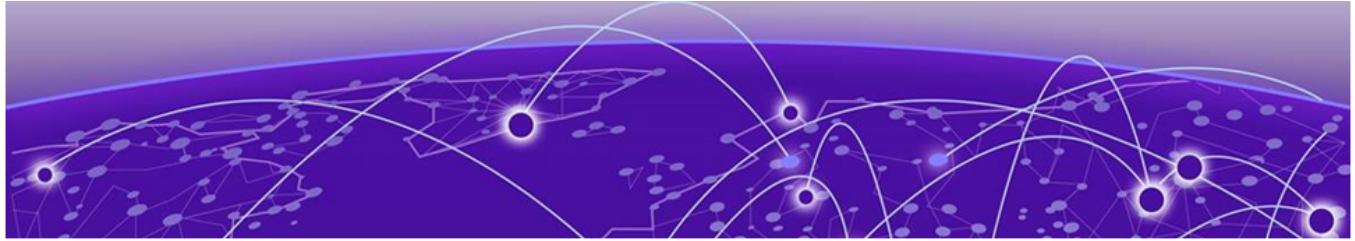
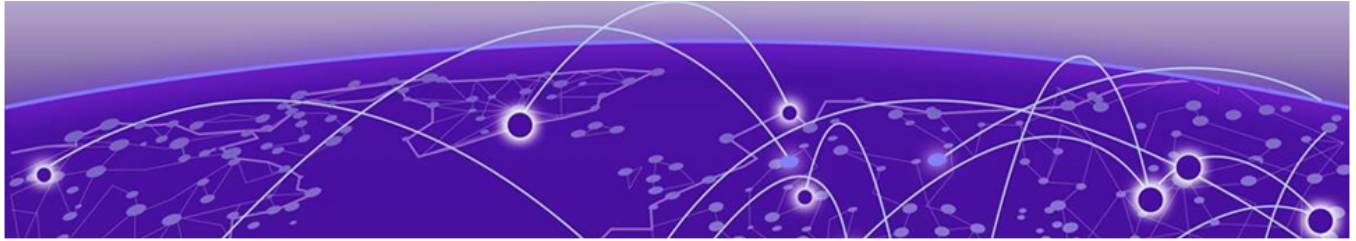


Table of Contents

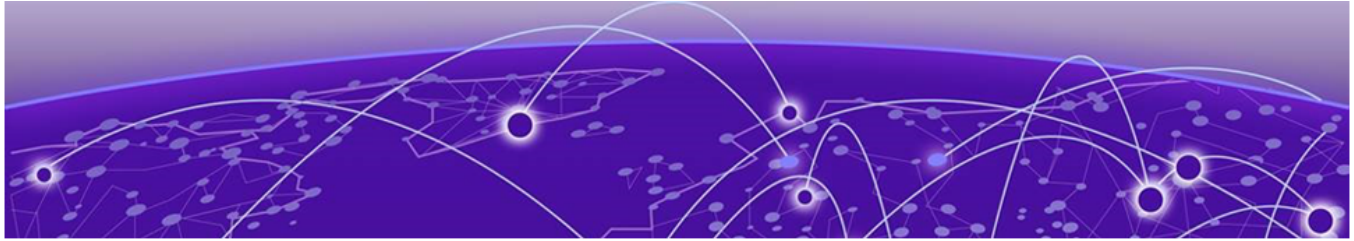
Abstract.....	V
Preface.....	6
Text Conventions.....	6
Documentation and Training.....	7
Open Source Declarations.....	8
Training.....	8
Help and Support.....	8
Subscribe to Product Announcements.....	9
Send Feedback.....	9
Overview.....	10
Physical Specifications.....	11
Enclosure.....	11
Power Specifications.....	11
Power Consumption.....	11
Radios Specifications.....	12
Transmit Power and Sensitivity Specifications.....	13
Environmental Specifications.....	16
Antennas.....	17
Peak Antenna Gain.....	17
Hardware Components.....	18
Status Light.....	19
Ethernet Ports.....	19
Installation.....	20
Installation Workflow.....	20
Pre-Installation Tasks.....	20
Installation.....	21
Box Contents.....	22
Position the Access Point before Installation.....	22
Install the Access Point on a Standard Ceiling Rail.....	22
Nonstandard Ceiling Grid or Wall Installation.....	25
Connect the AP to the Network.....	28
Lock your Access Point.....	28
Regulatory and Compliance.....	29
Japan Indoor Use Statement.....	29
Japan Voluntary Control Council for Interference (VCCI) - Class B.....	30
Conformité Européenne (CE) Information.....	30
CE Marking and European Area (EEA).....	32
Brazil Statement.....	33
Mexico Compliance Statement.....	33

Federal Communication Commission Interference Statement.....	33
IMPORTANT NOTE:.....	34
Industry Canada Notice.....	34
Taiwan Regulatory Statement.....	35
Taiwan Maximum Permissible Exposure (MPE) Warning.....	35
Supplement to Product Instructions.....	36
European Waste Electrical and Electronic Equipment (WEEE) Notice.....	36
USA and Canada Radio Frequency Bands.....	37
EU Radio Frequency and Power Levels.....	37
Bulgarian [български].....	37
Croatian [hrvatski].....	37
Česky [Czech].....	37
Danish [Dansk].....	38
Dutch [Nederland].....	38
English.....	38
Estonian [Eesti].....	38
Finnish [Suomi].....	38
French [Français].....	39
German [Deutsch].....	39
Greek [Ελληνική].....	39
Hungarian [Magyar].....	39
Italian [Italiano].....	39
Latvian [Latviski].....	40
Lithuanian [Lietuvių].....	40
Maltese [Malti].....	40
Polish [Polski].....	40
Portuguese [Português].....	40
Romanian [Romania].....	41
Slovak [Slovensky].....	41
Slovenian [Slovenija].....	41
Spanish [Español].....	41
Swedish [Sverige].....	41
UK.....	42
Declaration of Conformity in Languages of the European Community.....	42
Declaration of Conformity in Languages of the European Community.....	43
Index.....	49



Abstract

This installation guide for the ExtremeWireless AP510C and AP510CX Access Points provides detailed instructions for installing and configuring the AP510C and AP510CX, high-performance 802.11ax Wi-Fi 6E access points designed for high-density indoor environments. It includes information on features, specifications, power profiles, and status LED activity. Installation procedures for mounting the access points on standard and nonstandard ceiling grids, as well as on walls, are covered. Guidelines for securing the access points with a Kensington lock and details on regulatory compliance and safety requirements are also provided.



Preface

Read the following topics to learn about:

- The meanings of text formats used in this document.
- Where you can find additional information and help.
- How to reach us with questions and comments.

Text Conventions

Unless otherwise noted, information in this document applies to all supported environments for the products in question. Exceptions, like command keywords associated with a specific software version, are identified in the text.

When a feature, function, or operation pertains to a specific hardware product, the product name is used. When features, functions, and operations are the same across an entire product family, such as Extreme Networks switches or SLX routers, the product is referred to as *the switch* or *the router*.

Table 1: Notes and warnings

Icon	Notice type	Alerts you to...
	Tip	Helpful tips and notices for using the product
	Note	Useful information or instructions
	Important	Important features or instructions
	Caution	Risk of personal injury, system damage, or loss of data
	Warning	Risk of severe personal injury

Table 2: Text

Convention	Description
screen displays	This typeface indicates command syntax, or represents information as it is displayed on the screen.
The words <i>enter</i> and <i>type</i>	When you see the word <i>enter</i> in this guide, you must type something, and then press the Return or Enter key. Do not press the Return or Enter key when an instruction simply says <i>type</i> .
Key names	Key names are written in boldface, for example Ctrl or Esc . If you must press two or more keys simultaneously, the key names are linked with a plus sign (+). Example: Press Ctrl+Alt+Del
<i>Words in italicized type</i>	Italics emphasize a point or denote new terms at the place where they are defined in the text. Italics are also used when referring to publication titles.
NEW!	New information. In a PDF, this is searchable text.

Table 3: Command syntax

Convention	Description
bold text	Bold text indicates command names, keywords, and command options.
<i>italic</i> text	Italic text indicates variable content.
[]	Syntax components displayed within square brackets are optional. Default responses to system prompts are enclosed in square brackets.
{ x y z }	A choice of required parameters is enclosed in curly brackets separated by vertical bars. You must select one of the options.
x y	A vertical bar separates mutually exclusive elements.
< >	Nonprinting characters, such as passwords, are enclosed in angle brackets.
...	Repeat the previous element, for example, <i>member[member...]</i> .
\	In command examples, the backslash indicates a “soft” line break. When a backslash separates two lines of a command input, enter the entire command at the prompt without the backslash.

Documentation and Training

Find Extreme Networks product information at the following locations:

[Current Product Documentation](#)

[Release Notes](#)

[Hardware and Software Compatibility](#) for Extreme Networks products

[Extreme Optics Compatibility](#)

[Other Resources](#) such as articles, white papers, and case studies

Open Source Declarations

Some software files have been licensed under certain open source licenses. Information is available on the [Open Source Declaration](#) page.

Training

Extreme Networks offers product training courses, both online and in person, as well as specialized certifications. For details, visit the [Extreme Networks Training](#) page.

Help and Support

If you require assistance, contact Extreme Networks using one of the following methods:

[Extreme Portal](#)

Search the GTAC (Global Technical Assistance Center) knowledge base; manage support cases and service contracts; download software; and obtain product licensing, training, and certifications.

[The Hub](#)

A forum for Extreme Networks customers to connect with one another, answer questions, and share ideas and feedback. This community is monitored by Extreme Networks employees, but is not intended to replace specific guidance from GTAC.

[Call GTAC](#)

For immediate support: (800) 998 2408 (toll-free in U.S. and Canada) or 1 (408) 579 2800. For the support phone number in your country, visit www.extremenetworks.com/support/contact.

Before contacting Extreme Networks for technical support, have the following information ready:

- Your Extreme Networks service contract number, or serial numbers for all involved Extreme Networks products
- A description of the failure
- A description of any actions already taken to resolve the problem
- A description of your network environment (such as layout, cable type, other relevant environmental information)
- Network load at the time of trouble (if known)
- The device history (for example, if you have returned the device before, or if this is a recurring problem)
- Any related RMA (Return Material Authorization) numbers

Subscribe to Product Announcements

You can subscribe to email notifications for product and software release announcements, Field Notices, and Vulnerability Notices.

1. Go to [The Hub](#).
2. In the list of categories, expand the **Product Announcements** list.
3. Select a product for which you would like to receive notifications.
4. Select **Subscribe**.
5. To select additional products, return to the **Product Announcements** list and repeat steps 3 and 4.

You can modify your product selections or unsubscribe at any time.

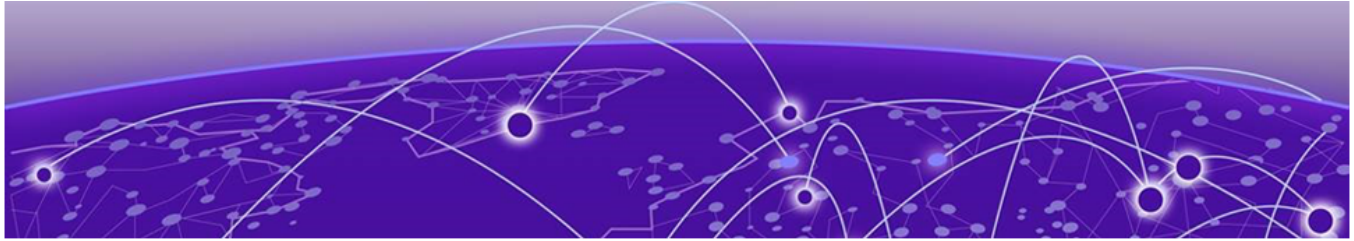
Send Feedback

The User Enablement team at Extreme Networks has made every effort to ensure that this document is accurate, complete, and easy to use. We strive to improve our documentation to help you in your work, so we want to hear from you. We welcome all feedback, but we especially want to know about:

- Content errors, or confusing or conflicting information.
- Improvements that would help you find relevant information.
- Broken links or usability issues.

To send feedback, email us at documentation@extremenetworks.com.

Provide as much detail as possible including the publication title, topic heading, and page number (if applicable), along with your comments and suggestions for improvement.



Overview

- [Physical Specifications](#) on page 11
- [Enclosure](#) on page 11
- [Power Specifications](#) on page 11
- [Radios Specifications](#) on page 12
- [Environmental Specifications](#) on page 16
- [Antennas](#) on page 17

The AP510C/CX are high-performance dual-5G and dual band access points.

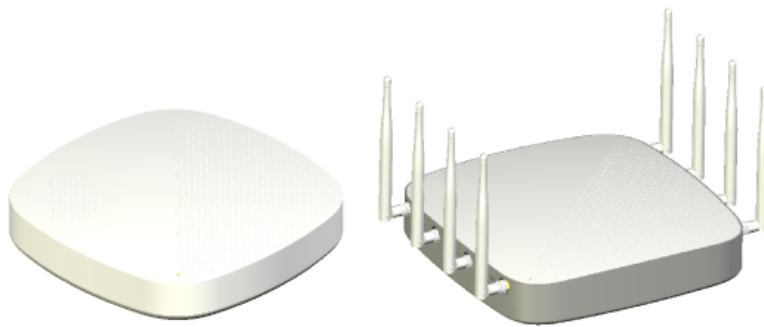
Both are designed for indoor high-density environments that require HD video streaming and large file transfers. The AP510CX has external antennas (sold separately), and an extended temperature range for industrial environments. These devices support IEEE 802.11ax Orthogonal Frequency-Division Multiple Access (OFDMA) multi-user access.

Both access point have a Bluetooth Low Energy (BLE) i-beacon for location based services.

For regulatory and compliance information, see [Regulatory and Compliance Statements](#).

The AP510C/CX supports both 802.3at PoE and 802.3az PoE. It is supported on the following platforms:

- ExtremeCloud™ IQ



Physical Specifications

The AP510C/CX has the following dimensions and weight:

- AP510C dimensions:
8.1 in. x 8.1 in. x 1.46 in. (205 mm x 205 mm x 37 mm)
- AP510CX dimensions:
8.9 in. x 8.9 in. x 1.48 in. (225 mm x 225 mm x 37.5 mm)
- AP510C weight:
2.61 lbs (1.18 kilograms)
- AP510CX weight (without antennas):
2.82 lbs (1.28 kilograms)

For more information about the technical specifications, see the AP510C/CX Data Sheets [found here](#).

Enclosure

The AP510C/CX has a plastic top with an aluminum bottom.

Power Specifications

The AP510C/CX has the following power specifications:

- DC Power: Typical 18.78 W, Max 20.65 W
- PoE input voltage range: 37-57 V
- 802.3at PoE+ Power: Typical 15.72 W, Max 19.92 W
- 802.3az Energy Efficient Ethernet
- Redundant POE Capable
- RJ45 power input pins: Wires 4, 5, 7, 8 or 1, 2, 3, and 6

For more information about the technical specifications, see the AP510C/CX Data Sheets [found here](#).

Power Consumption

The AP510C/CX have the following power consumption specifications.

- AP510C:
DC power: 18.72 W with USB, 15.72 W without USB
PoE: 21.78 W with USB, 18.78 W without USB
- AP510CX:
DC power: 18.72 W with USB, 15.72 W without USB
PoE: 20.79 W with USB, 17.79 W without USB

Radios Specifications

The AP510C/CX has two built-in dual-band radios and one Bluetooth radio.

BLE Beacon:

- 2402 - 2480 MHz
- Frequency Hopping Spread-spectrum (FHSS)

802.11a

- 5.150-5.350, 5.470 - 5.850 GHz operating frequency
- Orthogonal Frequency Division Multiplexing (OFDM) modulation
- Rates (Mbps): 54, 48, 36, 24, 12, 9, 6 with auto fallback

802.11b

- 2.4-2.48 GHz operating frequency
- Direct-Sequence Spread-Spectrum (DSSS) modulation
- Rates (Mbps): 11, 5.5, 2.1 with auto fallback

802.11g

- 2.4-2.48 GHz operating frequency
- Orthogonal Frequency Division Multiplexing (OFDM) modulation
- Rates (Mbps): 54, 48, 36, 24, 12, 9, 6 with auto fallback

802.11n

- 2.4-2.48 and 5.150-5.350, 5.470 - 5.850 GHz operating frequency
- 802.11n modulation
- Rates: MCS0 - MCS7
- 4x4 MIMO radio
- HT20 support
- HT40 support (5 GHz only)
- A-MPDU and A-MSDU frame aggregation

802.11ac

- 802.11ac modulation (256-QAM)
- 2.4 - 2.48 GHz MCS0-9, NSS=1-4
- 5.150-5.350, 5.470 - 5.850 GHz operating frequency
- Rates: MCS0 - MCS9, NSS = 1-4
- 4x4 MIMO radio
- VHT20/VHT40/VHT80/VHT160 support

802.11ax

- 5.150-5.350, 5.470 - 5.850 GHz operating frequency
- 2.4 - 2.48 GHz operation frequency
- 802.11ax modulation (1024-QAM)

- Rates: MCS0 - MCS11, NSS = 1-4
- OFDMA support
- 4x4 MU-MIMO
- HE20/HE40/HE80/HE160 support

For more information about the technical specifications, see the AP510C/CX Data Sheets [found here](#).

Transmit Power and Sensitivity Specifications

The AP510C/CX radios have the following transmit power and sensitivity specifications.



Note

Output power can be limited by regulatory requirements.

Table 4: 2.4 H Tolerance +2/-2 dB @25°C

Mode	Data Rate	Power	Unit
11b	1,2,5,11	18	dBm
11g	54 Mbps	15	dBm
	48 Mbps	16	dBm
	36 Mbps	17	dBm
	6 Mbps	18	dBm
HE20	MCS 0,1,2	18	dBm
	MCS 3	17	dBm
	MCS 4, 5	16	dBm
	MCS 6,7	15	dBm
	MCS 8,9	14	dBm
	MCS 10,11	12	dBm
2.4 G Sensitivity			
11b	1 Mbps	-99	dB
	11 Mbps	-90	dB
11g	6 Mbps	-96	dB
	36 Mbps	-84	dB
	48 Mbps	-80	dB
	54 Mbps	-78	dB
HE20	MCS 0	-95	dB
	MCS 1	-91	dB
	MCS 2	-89	dB
	MCS 3	-86	dB
	MCS 4	-83	dB

Table 4: 2.4 H Tolerance +2/-2 dB @25°C (continued)

Mode	Data Rate	Power	Unit
	MCS 5	-79	dB
	MCS 6	-77	dB
	MCS 7	-76	dB
	MCS 8	-72	dB
	MCS 9	-70	dB
	MCS 10	-67	dB
	MCS 11	-64	dB

The AP510C/CX radios have the following transmit power and sensitivity specifications.

Table 5: 5 G Tolerance +2/-2 dB @25°C

Mode	Data Rate	Power	Unit
11a	54 Mbps	18	dBm
	48 Mbps	18	dBm
	36 Mbps	19	dBm
	6 Mbps	20	dBm
HE20	MCS 0, 1, 2	20	dBm
	MCS 3, 4	19	dBm
	MCS 5, 6	18	dBm
	MCS 7, 8	17	dBm
	MCS 9	16	dBm
	MCS 10	15	dBm
	MCS 11	14	dBm
HE40	MCS 0, 1, 2	19	dBm
	MCS 3, 4, 5	18	dBm
	MCS 6,7,8	17	dBm
	MCS 9	16	dBm
	MCS 10	15	dBm
	MCS 11	14	dBm
HE80	MCS 0,1,2	19	dBm
	MCS 3,4,5	18	dBm
	MCS 6,7,8	17	dBm
	MCS 9	16	dBm
	MCS 10	15	dBm
	MCS 11	14	dBm

Table 5: 5 G Tolerance +2/-2 dB @25°C (continued)

Mode	Data Rate	Power	Unit
HE160	MCS 0,1,2	19	dBm
	MCS 3,4,5	18	dBm
	MCS 6,7,8	17	dBm
	MCS 9	16	dBm
	MCS 10	15	dBm
	MCS 11	14	dBm
5 G Sensitivity			
11a	6 Mbps	-94	db
	36 Mbps	-83	db
	48 Mbps	-79	db
	54 Mbps	-77	db
HE20	MCS 0	-94	db
	MCS 1	-91	db
	MCS 2	-88	db
	MCS 3	-86	db
	MCS 4	-82	db
	MCS 5	-78	db
	MCS 6	-77	db
	MCS 7	-75	db
	MCS 8	-71	db
	MCS 9	-69	db
	MCS 10	-66	db
	MCS 11	-63	db
HE40	MCS 0	-92	db
	MCS 1	-88	db
	MCS 2	-86	db
	MCS 3	-83	db
	MCS 4	-80	db
	MCS 5	-76	db
	MCS 6	-74	db
	MCS 7	-73	db
	MCS 8	-69	db
	MCS 9	-67	db
	MCS 10	-63	db

Table 5: 5 G Tolerance +2/-2 dB @25°C (continued)

Mode	Data Rate	Power	Unit
	MCS 11	-60	db
HE80	MCS 0	-88	db
	MCS 1	-85	db
	MCS 2	-83	db
	MCS 3	-80	db
	MCS 4	-77	db
	MCS 5	-73	db
	MCS 6	-71	db
	MCS 7	-69	db
	MCS 8	-66	db
	MCS 9	-64	db
	MCS 10	-60	db
	MCS 11	-57	db
HE160	MCS 0	-85	db
	MCS 1	-82	db
	MCS 2	-80	db
	MCS 3	-77	db
	MCS 4	-74	db
	MCS 5	-70	db
	MCS 6	-68	db
	MCS 7	-66	db
	MCS 8	-63	db
	MCS 9	-61	db
	MCS 10	-57	db
	MCS 11	-54	db

Environmental Specifications

The AP510C/CX has the following operating conditions:

- Operating Temperature:
AP510C -0°C to 40°C
AP510CX -20°C to 55 °C
- Storage Temperature:
-40°C to 70 °C
- Humidity:

10% to 95%

For more information about the technical specifications, see the AP510C/CX Data Sheets [found here](#).

Antennas

The AP510C/CX has the following antennas options. For more information about the technical specifications, see the AP510C/CX Data Sheets [found here](#).

Table 6: AP510C/CX Antennas Options

Option	Antenna
AP510CX option one	4 external omnidirectional 2.4/5 GHz dual band antennas and 4 external omnidirectional 5 GHz antennas.
AP510CX option two	8 internal omnidirectional 5 GHz antennas.
AP510C	4 internal omni directional 2.4/5 GHz dual band antennas, and 4 internal omnidirectional 5 GHz antennas.
AP510C and AP510CX	1 internal BLE antenna.

Peak Antenna Gain

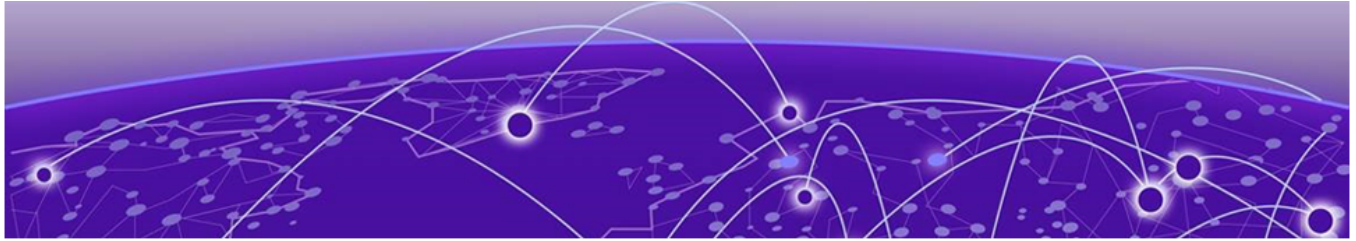
The AP510C/CX has the following peak antenna gains:

- 2.4 GHz omnidirectional, gain 4.6 dBi
- 5 GHz omnidirectional, gain 5.7 dBi
- Bluetooth omnidirectional, gain 5.2 dBi

The AP510C/CX has the following antenna gains:

Table 7: Antenna Gains

	Radio 0	Radio 1	IoT
Fixed Dual	2.4 Ghz 4.5 dBi	5 Ghz 6 dBi	4.2 dBi
Dual 5G	5 Ghz 5.7 dBi	5 Ghz 6 dBi	4.2 dBi



Hardware Components

[Status Light](#) on page 19

[Ethernet Ports](#) on page 19

You can see the hardware components of the AP510C/CX in the illustration below and read about them in the sections that follow. The illustration shows an AP510C model. The components are the same for both models, except the AP510CX has eight external antenna connectors.

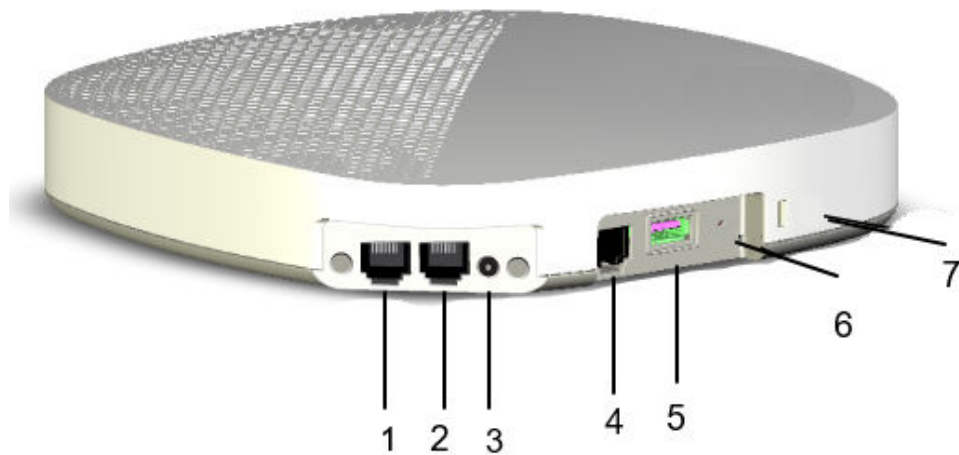


Figure 1:

Table 8: AP510C/CX Ports

Callout	Description
1	ETH0 port
2	ETH1 port
3	DC power
4	Console port
5	USB port
6	Reset button
7	Security slot

Status Light

The status light conveys operational states for system power, firmware updates, Ethernet and wireless interface activity, and major alarms. The AP510C and AP510CX have a status light on the top corner of the chassis. At setup, this light cycles through the following sequence:

- **Steady Amber:** The device is initializing.
- **Slow-blinking White:** The device is receiving 802.3af power, instead of 802.3at power.
- **Fast-blinking White:** The device is looking for a mesh neighbor from which to obtain a password.
- **Slow-blinking Amber (AF power mode only):** *The device is attempting to establish a connection or has established a CAPWAP connection with ExtremeCloud IQ.*
- **Fast-blinking Amber:** The device is performing a IQ Engine or ExtremeCloud IQ upgrade.
- **Steady White:** The device has successfully established a CAPWAP connection and is operating normally.

Ethernet Ports

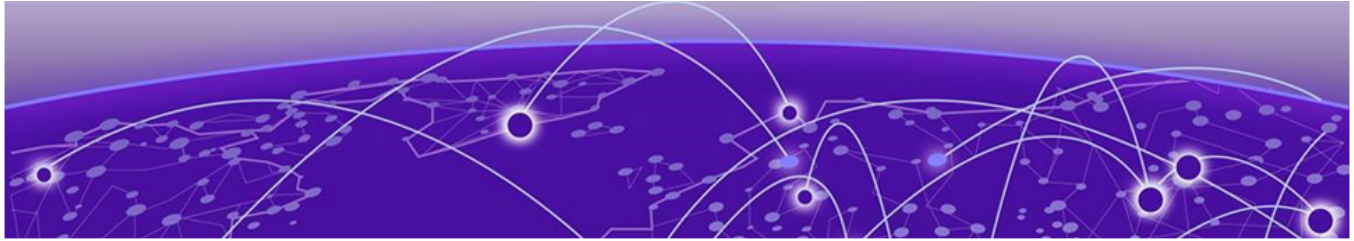
The ETH0 port is autosensing 100/1000/2500G BASE-T/TX Mbps, with IEEE 802.3af- or 802.3at-compliant PoE, and requires Cat6 cable.

The Eth 1 port is autosensing 10/100/1000 BASE-T/TX Mbps, with IEEE 802.3af- or 802.3at-compliant PoE.

There are three power options. In the event of a failure, the device will automatically reboot using the next priority power source. When the failed power source is replaced, you must manually reboot the device again to use the repaired power source. For example, if Eth0 and Eth1 are in use, and Eth0 fails, the device will automatically reboot using Eth1. When Eth0 is restored, you will need to manually reboot the device to again use Eth0.

The priorities are:

- First priority: 12VDC
- Second priority: PoE - Eth0
- Third priority: PoE - Eth1



Installation

[Installation Workflow](#) on page 20

[Box Contents](#) on page 22

[Position the Access Point before Installation](#) on page 22

[Install the Access Point on a Standard Ceiling Rail](#) on page 22

[Nonstandard Ceiling Grid or Wall Installation](#) on page 25

[Connect the AP to the Network](#) on page 28

[Lock your Access Point](#) on page 28

You can mount the AP510C/CX on a flat surface, a wall, or on the T-rail of a standard dropped ceiling grid. There is also an accessory mounting bracket that allows you to install the device in Armstrong-style dropped ceilings (ordered separately).

The following sections describe how to install your AP510C/CX devices and connect them to the network.



Warning

Only qualified personnel should perform installation procedures.

Installation Workflow

Pre-Installation Tasks

Confirm that Domain Name System (DNS), Network Time Protocol (NTP), and the firewall ports are configured and available before deployment. Create a firewall rule to allow outbound traffic from Extreme Networks devices. For more information about firewalls, see [Firewall Configuration Guides](#).

You should configure the DHCP options on your DHCP server to assign an allowed NTP server to Extreme Networks devices. Both DNS and NTP are critical for country and region detection and certificate validation. For more information about DNS and NTP, see *ExtremeCloud IQ Controller Deployment Guide* for Cloud deployment and *Extreme Campus Controller Deployment Guide* for Campus or on-premises deployment.

Installation

Access points are automatically added to your network when the DHCP and DNS prerequisites have been met. But you can save time and configure the AP before you install it with the pre-provision mode. You can revert the AP to production mode when you are ready for deployment.

For more information on deployment, see the Knowledge Base article [How to deploy a new Access Point or replace a faulty Access Point to your ExtremeCloud IQ Controller](#). AP deployment is also documented in [ExtremeCloud IQ Controller documentation](#).

Use the information in the following table to help you install your access point.

Table 9: Installation Work flow

Steps	Action	Purpose
1	Verify the box contents.	Confirm that your AP and accessories arrived complete and undamaged.
2	Position the AP.	Position the AP prior to starting the installation.
3	Install the access point to one of the following: • Standard ceiling • Nonstandard ceiling or wall	Install the AP on a ceiling or wall, and connect the network cable. If you use Power over Ethernet (PoE), then the AP powers up. The AP begins a discovery process to determine its own IP address and the IP address of the controller. When the discovery process is successful, the AP registers with the controller. For more information, see the following articles: • Access points failing the Wireless Controller discovery process • How to Onboard, Switch, and Troubleshoot the Universal AP modes between IQE (ExtremeCloud IQ Engine) and WiNG modes?
4	Connect to the network.	Connect to an external 12-volt DC power supply if you are not using Power over Ethernet (PoE). Note: Your Extreme AP must be grounded so it can be used safely. Consider this requirement when you plan your deployment.
5	(Optional) Lock the access point.	Secure the AP and prevent someone from removing it.
6	Confirm that the LED is white.	A white LED indicates that your AP has powered up and registered with the Cloud. An amber light indicates a technical issue that requires a resolution. See the LED Descriptions section in the "Overview" chapter for an explanation of the LED status.

Box Contents

The AP510C/CX shipping carton contains the following items:

- AP510C/CX chassis
- Mounting bracket
- Read Me card

All optional brackets and accessories are sold separately.

Position the Access Point before Installation

There is a red dot on the back of the access point and the bracket that will work as a guide to position the access point for installation. Line up the red dot on the access point and the bracket for ease of installation.

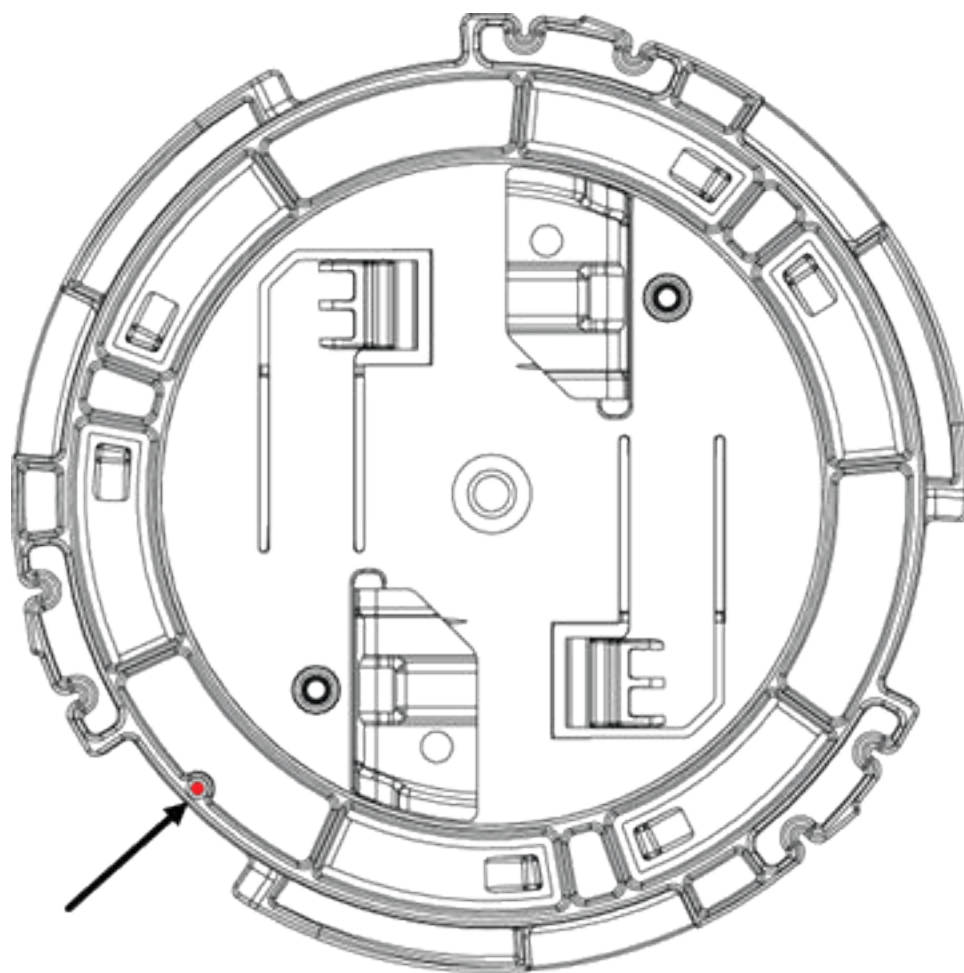


Figure 2: AH-ACC-BKT-AX-TB bracket red dot

Install the Access Point on a Standard Ceiling Rail

The following hardware is required for a standard ceiling rail installation:

- An AP510C/CX access point

- One AH-ACC-BKT-AX-TB mounting bracket. The bracket is shipped with the access point

The AP510C/CX ship with a mounting bracket for standard 15/16 in. (24mm) wide t-bars or 9/16 in. (14mm) wide t-bar rails. For non-standard ceiling rail installations, see [Non-Standard Ceiling Grid or Wall Installation](#).

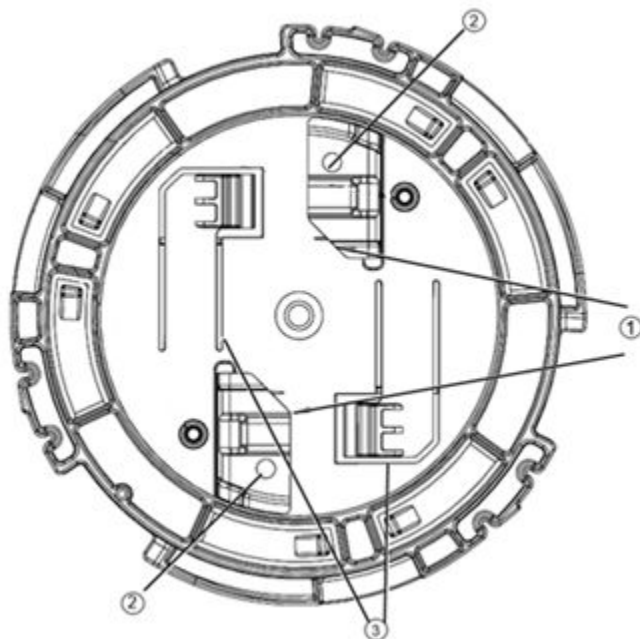


Figure 3: AH-ACC-BKT-AX-TB bracket

Table 10: AH-ACC-BKT-AX-TB bracket parts description

Callout	Description
1	Metal hinges on the AH-ACC-BKT-AX-TB bracket
2	Mounting holes for wall mounting
3	White tab on the AH-ACC-BKT-AX-TB bracket

1. Remove the ceiling tiles.
2. Align the bracket on the ceiling rail in such a way that the bracket metal hinges are almost parallel to the sides of the ceiling rail.
3. Rotate the accessory clockwise until the metal hinges hook over the edge of the rail and the white tabs click in place.



Note

There are two white tabs on the back of the bracket that holds on to the ceiling rail. Use your finger to push and unhook one side of the white tab if you want to remove the bracket from the ceiling rail.

4. Attach the LAN cable ethernet plug to the appropriate access point Ethernet receptacle.

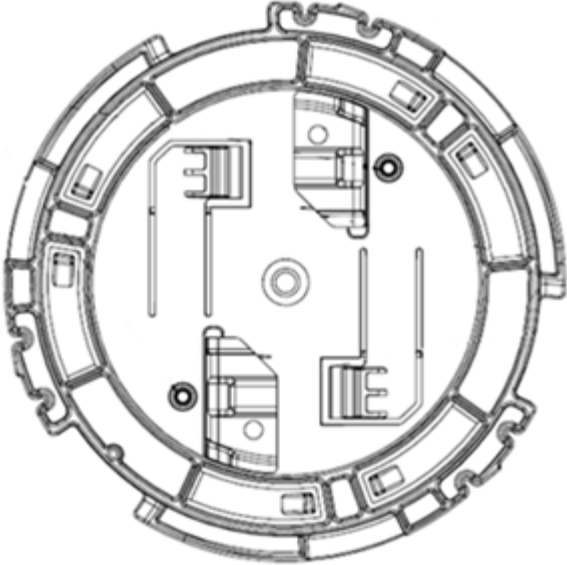
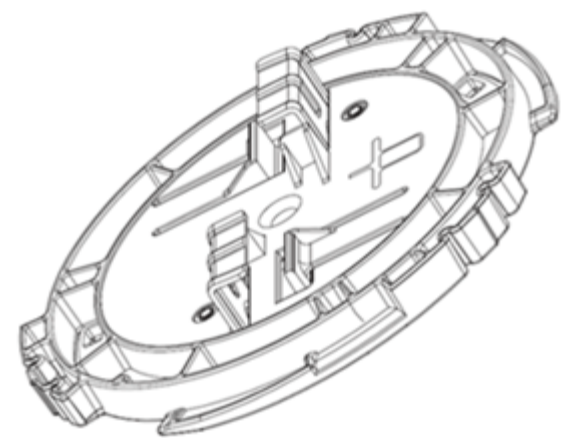
5. Align the red dot on the back of the access point against the bracket red dot.

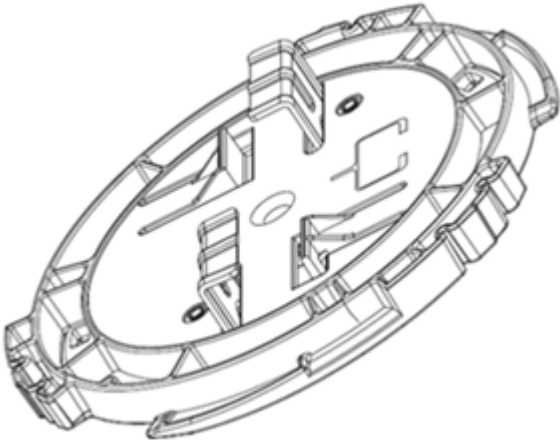
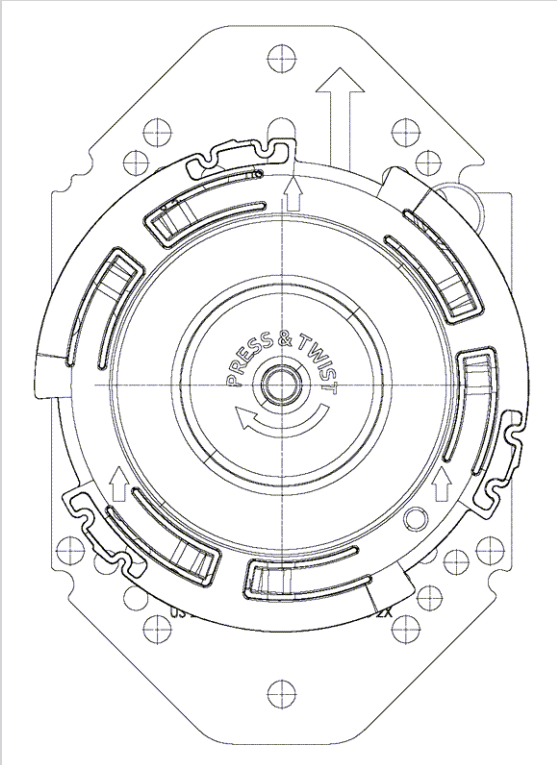
**Note**

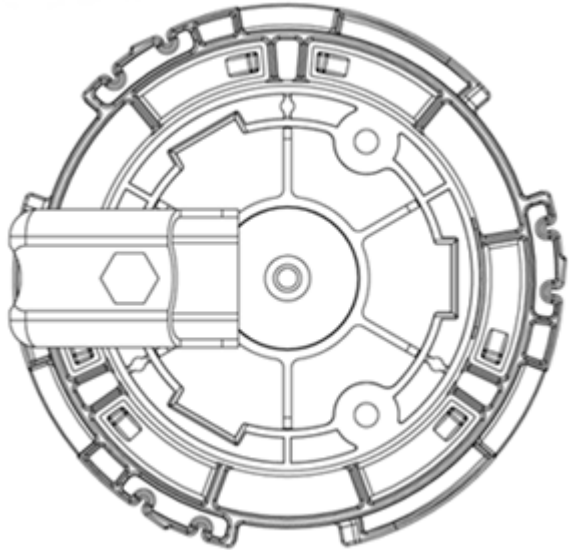
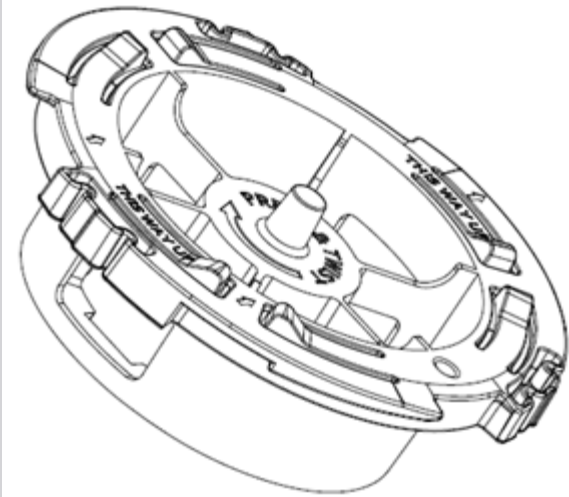
The bracket has a circular tip that fits into the circular depression on the back of the access point.

Nonstandard Ceiling Grid or Wall Installation

The access point can be installed on a nonstandard ceiling grid using the following accessories:

Order part number	Description
AH-ACC-BKT-AX-TB Note: Only this bracket is included with the access point	Mounting bracket for Prelude ceilings (15/16 in. ceiling grid), Suprafine ceilings (9/16 in. ceiling grid), and walls 
AH-ACC-BKT-AX-IL	Mounting bracket for Interlude (9/16 wide T-bar with protrusion) ceilings 

Order part number	Description
AH-ACC-BKT-AX-SL	Mounting bracket for Silhouette ceilings (ceiling grid with 1/8 in. or 1/4 in. bottom opening) 
ACC-BKT-AX-JB	Junction box or wall mounting for indoor access points 

Order part number	Description
ACC-BKT-AX-BEAM	Beam mounting for indoor access points 
AH-ACC-BKT-AX-WL	Mounting bracket for direct-to-wall installations 



Note
The default bracket for wall installation is the ACC-BKT-AX-TB bracket. One -TB bracket is included with the AP. The AH-ACCBKT-AX-WL bracket is for users who already have the -WL brackets.

Connect the AP to the Network

Follow these steps to connect your AP510C/CX to standard AC wall socket and to the network.

1. Plug the AC power supply into the 12V port on the device and into a standard wall socket.
2. Connect an Ethernet cable to the RJ45 port and to a modem or other network device.

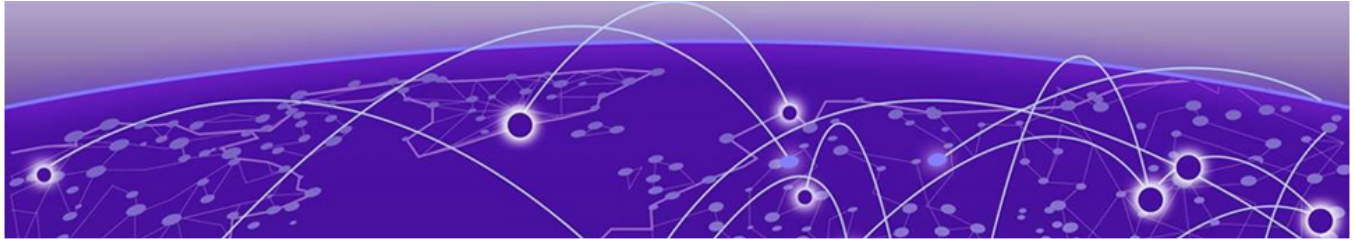
After the AP receives power, it automatically tries to get network settings and contact ExtremeCloud IQ. This process takes about five minutes. When you see the AP listed on the Devices page in the Manage section of the ExtremeCloud IQ GUI, the initial setup is complete and you can begin managing the AP with ExtremeCloud IQ.

Lock your Access Point

You will need a Kensington® security lock. For more information, contact your sales representative.

Secure the access point from damage or theft.

1. Securely attach the free end of the Kensington lock cable near the AP.
2. Insert the rectangular lock end into the Kensington security slot on the AP.
3. Lock the Kensington lock.



Regulatory and Compliance

- [Japan Indoor Use Statement](#) on page 29
- [Japan Voluntary Control Council for Interference \(VCCI\) - Class B](#) on page 30
- [Conformité Européenne \(CE\) Information](#) on page 30
- [CE Marking and European Area \(EEA\)](#) on page 32
- [Brazil Statement](#) on page 33
- [Mexico Compliance Statement](#) on page 33
- [Federal Communication Commission Interference Statement](#) on page 33
- [Industry Canada Notice](#) on page 34
- [Taiwan Regulatory Statement](#) on page 35
- [Supplement to Product Instructions](#) on page 36
- [European Waste Electrical and Electronic Equipment \(WEEE\) Notice](#) on page 36
- [USA and Canada Radio Frequency Bands](#) on page 37
- [EU Radio Frequency and Power Levels](#) on page 37
- [Declaration of Conformity in Languages of the European Community](#) on page 42
- [Declaration of Conformity in Languages of the European Community](#) on page 43

The regulatory compliance statements in this section apply to Extreme Networks AP510C/CX devices.



Warning

Electrical Hazard: Only qualified personnel must perform installation procedures. Within the context of the safety notes in this documentation, qualified persons are defined as persons who are authorized to commission grounding devices, systems, and circuits in accordance with established safety practices and standards. A qualified person understands the requirements and risks involved with installing outdoor electrical equipment in accordance with national codes.

Japan Indoor Use Statement

For Japan, the AP510C/CX are restricted for indoor use in the 5150-5350 MHz band only.

Japan Voluntary Control Council for Interference (VCCI) - Class B

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B

Conformité Européenne (CE) Information



Warning

MPE Radiation Exposure Statement: This equipment complies with CE radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

Table 11: Selling Countries

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK

Bulgarian [български]: За да отговарят на изискванията за излагане на радиация, тези устройства трябва да бъдат инсталирани на минимално разстояние от 20 cm от хората или животните.

Ограничения: 5150-5350 MHz само за вътрешна употреба.

Croatian [hrvatski]: Da bi zadovoljili zahtjeve izloženosti zračenju, ti uređaji trebaju biti instalirani na minimalnoj udaljenosti od 20 cm od ljudi ili životinja.

Ograničenja: 5150-5350 MHz samo za unutarnju uporabu.

Czech [Česky]: Aby byly splněny požadavky na ozáření, měly by být tato zařízení instalována v minimální vzdálenosti 20 cm od lidí nebo zvířat.

Omezení: 5150-5350 MHz pouze pro vnitřní použití.

Danish [Dansk]: For at opfylde kravene til strålingseksponering skal disse enheder installeres i mindst 8" (20 cm) afstand fra mennesker eller dyr.

Restriktioner: 5150-5350 MHz kun til indendørs brug.

Dutch [Nederland]: Om aan stralingsblootstelling te voldoen, dienen deze apparaten op een minimumafstand van 8" (20 cm) van mensen of dieren te worden geïnstalleerd.

Beperkingen: 5150-5350 MHz alleen voor gebruik binnenshuis.

English: To meet radiation exposure requirements, these devices should be installed at a minimum distance of 8" (20 cm) from people or animals.

Restrictions: 5150-5350 MHz for indoor use only.

Estonian [Eesti]: Et rahuldada kiirituse nõuetele, need seadmed tuleb paigaldada minimaalselt 8" (20 cm) inimestelt või loomadelt.

Piirangud: 5150-5350 MHz sisetingimustele.

Finnish [Suomi]: Säteilytysvaatimusten täyttämiseksi nämä laitteet on asennettava vähintään 8" (20 cm) etäisyydelle ihmisistä tai eläimistä.

Rajoitukset: 5150-5350 MHz vain sisäkäyttöön.

French [Français]: Pour répondre aux exigences d'exposition aux rayonnements, ces appareils devraient être installés à une distance minimale de 8" (20 cm) des personnes ou des animaux.

Restrictions: 5150-5350 MHz pour usage intérieur seulement.

German [Deutsch]: Um die Anforderungen an die Strahlenbelastung zu erfüllen, sollten diese Geräte in einem Abstand von 8" (20 cm) von Personen oder Tieren installiert werden.

Einschränkungen: 5150-5350 MHz nur für den Innenbereich.

Greek [Ελληνική]: Για την κάλυψη των απαιτήσεων έκθεσης σε ακτινοβολία, οι συσκευές αυτές πρέπει να τοποθετούνται σε απόσταση τουλάχιστον 20 cm από ανθρώπους ή ζώα.

Περιορισμοί: 5150-5350 MHz μόνο για εσωτερική χρήση.

Hungarian [Magyar]: A sugárterhelési követelmények teljesítése érdekében ezeket az eszközöket legalább 8" (20 cm) távolságra kell felszerelni az emberek vagy az állatoktól.

Korlátozások: 5150-5350 MHz csak beltéri használatra.

Italian [Italiano]: Per soddisfare i requisiti di esposizione alle radiazioni, questi dispositivi devono essere installati ad una distanza minima di 20 cm da persone o animali.

Restrizioni: 5150-5350 MHz solo per uso interno.

Latvian [Latviski]: Lai apmierinātu starojuma iedarbības prasībām, šīs ierīces ir uzstādītas pie minimālo attālumu 8" (20 cm) no cilvēkiem vai dzīvniekiem.

Ierobežojumi: 5150-5350 MHz izmantot tikai telpās.

Lithuanian [Lietuvių]: Siekiant patenkinti SPINDULIAVIMĄ reikalavimus, šie įtaisai turi būti įrengiami ne arčiau kaip 8" (20 cm) nuo žmonių ar gyvūnų.

Apribojimai: 5150-5350 MHz naudoti tik patalpose.

Maltese [Malti]: Biex jilħqu l-ħtiġiet ta 'espożizzjoni tar-rad jazzjoni, dawn il-mezzi għandhom jiġu installati f'distanza minima ta' 8" (20 cm) minn nies jew annimali.

Restrizzjonijiet: MHz 5150-5350 għall-użu fuq ġewwa biss.

Polish [Polski]: Aby spełnić wymagania dotyczące narażenia na promieniowanie, urządzenia te powinny być instalowane w odległości minimum 8" (20 cm) od ludzi lub zwierząt.

Ograniczenia: 5150-5350 MHz tylko do użytku wewnętrznego.

Portuguese [Português]: Para atender aos requisitos de exposição à radiação, esses dispositivos devem ser instalados a uma distância mínima de 20 cm (8") de pessoas ou animais.

Restrições: 5150-5350 MHz para uso interno apenas.

Romanian [Romania]: Pentru a îndeplini cerințele de expunere la radiații, aceste dispozitive ar trebui instalate la o distanță minimă de 20 cm de la oameni sau animale.

Restricții: 5150-5350 MHz numai pentru uz intern.

Slovak [Slovensky]: Ak chcete splniť požiadavky na vystavenie žiarenia, mali by byť tieto zariadenia inštalované v minimálnej vzdialenosti od ľudí alebo zvierat od minimálnej vzdialenosti 20 cm.

Obmedzenia: 5150-5350 MHz iba pre vnútorné použitie.

Slovenian [Slovenija]: Da bi zadovoljili zahteve izpostavljenosti sevanja, morajo biti te naprave nameščene na razdalji najmanj 8" (20 cm) iz ljudi ali živali.

Omejitve: 5150-5350 MHz samo za uporabo v zaprtih prostorih.

Spanish [Español]: Para cumplir con los requisitos de exposición a la radiación, estos dispositivos deben instalarse a una distancia mínima de 8" (20 cm) de personas o animales.

Restricciones: 5150-5350 MHz sólo para uso en interiores.

Swedish [Sverige]: För att uppfylla kraven på strålningsexponering bör dessa enheter installeras på minst 8" (20 cm) från människor eller djur.

Restriktioner: 5150-5350 MHz endast för inomhusbruk.

CE Marking and European Area (EEA)



Warning

This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

Brazil Statement

Este produto está homologado pela ANATEL, de acordo com os procedimentos regulamentados pela Resolução nº. 242/2000 e atende aos requisitos técnicos aplicados.

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados. Para maiores informações, consulte o site da ANATEL – www.anatel.gov.br.

Mexico Compliance Statement

La operacion de este equipo esta sujeta a las siguientes dos condiciones

1. es posible que este equipo o dispositivo no cause interferencia perjudicial y
2. este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operacion no deseada.

The operation of this equipment is subject to the following two conditions:

1. It is possible that this equipment or device does not cause disruptive interference and
2. This equipment or device must accept any interference, including interference that may cause undesired operation.

Federal Communication Commission 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 try to correct the interference by one of the following measures:

- Reorient or relocate the antenna of the receiving devices.
- Increase the separation between this equipment and receiving equipment.
- Connect this equipment into an outlet on a circuit different from that to which the receiving equipment is connected.
- Consult the dealer or an experienced radio or TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

IMPORTANT NOTE:

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 of 10" (25.5 cm) between the radiator and people or animals.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Country Code selection feature to be disabled for products marketed to the US/CANADA.

Industry Canada Notice



Warning

For indoor use only.

Pour une utilisation en intérieur uniquement.

This device complies with ISED's licence-exempt RSSs. 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.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.



Caution

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.



Caution

les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

This radio transmitter [IC: 4141B-AP510C/CX] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed in ExtremeWireless AP510C/CX Access Point Installation Guide, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Le présent émetteur radio [IC: 4141B-AP510C/CX] a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types

d'antenne répertoriés dans le Guide d'installation des points d'accès sans fil extrêmes AP510C/CX, avec le gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué pour tout type figurant sur la liste, sont strictement interdits pour l'exploitation de l'émetteur.

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. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**Warning**

Radiation Exposure Statement: This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated with minimum distance 30 cm between the radiator and people or animals.

**Warning**

Déclaration d'exposition aux radiations: Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 30 cm de distance entre la source de rayonnement et des personnes ou des animaux.

Taiwan Regulatory Statement

第十二條→經型式認證合格之低功率射頻電機，非經許可，公司，商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。第十四條→低功射頻電機之使用得影響飛航安全及干擾合法通信；經發現有干擾現象時，應即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功射頻電機須忍受合法通信或工業、科學及醫用電波射性電機設備之干擾。在 5.25-5.35 兆赫頻帶操作之無線資訊傳輸設備，限於室內使用。無線資訊傳輸設備的製造廠商應確保頻穩定性，如依製造廠商使用手冊上所述正常操作，發射的信號應維持於操作頻帶中。

Taiwan Maximum Permissible Exposure (MPE) Warning

電磁波曝露量 MPE 標準□(MPE) 1mW/cm²，送測□品實□為 0.734 mW/cm²

Avoid affecting the operation of nearby radar systems. 應避免影響附近雷達系統之操作

High-gain directional antennas can only be used in stationary point-to-point systems.
高增益指向性天線只得應用於固定式點對點系統。

Supplement to Product Instructions

單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr ⁺⁶)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
金屬零件 (Metal Parts)	○	○	○	○	○	○
電路模組 (Circuit Modules)	—	○	○	○	○	○
電纜及電纜組件 (Cables & Cable Assemblies)	○	○	○	○	○	○
塑料和聚合物零件 (Plastic and Polymeric parts)	○	○	○	○	○	○
備考1. “超出0.1 wt %”及“超出0.01 wt %”係指限用物質之百分比含量超出百分比含量基準值。 Note 1 : “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition. 備考2. “○”係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2 : “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence. 備考3. “—”係指該項限用物質為排除項目。 Note 3 : The “—” indicates that the restricted substance corresponds to the exemption.						

European Waste Electrical and Electronic Equipment (WEEE) Notice



In accordance with Directive 2012/19/EU of the European Parliament on waste electrical and electronic equipment (WEEE):

1. The symbol above indicates that separate collection of electrical and electronic equipment is required.
2. When this product has reached the end of its serviceable life, it cannot be disposed of as unsorted municipal waste. It must be collected and treated separately.
3. It has been determined by the European Parliament that there are potential negative effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment.
4. It is the user's responsibility to utilize the available collection system to ensure WEEE is properly treated.

For information about the available collection system, please contact Extreme Environmental Compliance at Green@extremenetworks.com.

USA and Canada Radio Frequency Bands

a. USA

- 802.11b/g/n/ax: 2.4 GHz band: 2400-2483 MHz
- 802.11a/n/ac/ax: 5 GHz band: 5150-5850 MHz
- BLE: 2402-2480 MHz

b. Canada

- 802.11b/g/n/ax: 2.4 GHz band: 2400-2483 MHz
- 802.11a/n/ac/ax: 5 GHz band: 5150-5850 MHz MHz
- BLE: 2402-2480 MHz

EU Radio Frequency and Power Levels

This product supports the following radio frequencies and power levels in the EU version:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Bulgarian [български]

Този продукт поддържа следните радиочестоти и нива на мощност във версията на EU:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Croatian [hrvatski]

Ovaj proizvod podržava sljedeće radijske frekvencije i razinu snage u verziji EU:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Česky [Czech]

[Tento produkt podporuje následující rádiové frekvence a úrovně výkonu ve verzi EU:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Danish [Dansk]

Dette produkt understøtter følgende radiofrekvenser og strømniveauer i EU-versionen:

- 802.11b/g/n/ac, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Dutch [Nederland]

Dit product ondersteunt de volgende radiofrequenties en vermogensniveaus in de EU-versie:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

English

This product supports the following radio frequencies and power levels in the EU version:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Estonian [Eesti]

See toode toetab järgmisi raadiosagedusi ja võimsuse taseme ELis versioon:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Finnish [Suomi]

Tämä tuote tukee seuraavia radiotaajuuksia ja tehoja EU-versiossa:

- 802.11b/g/n/ax, 2.4 GHz band: 2412-2472 MHz EIRP<20 dBm
- 802.11 a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

French [Français]

Ce produit prend en charge les fréquences radio et les niveaux de puissance suivants dans la version EU:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

German [Deutsch]

Dieses Produkt unterstützt die folgenden Funkfrequenzen und Leistungsstufen in der EU-Version:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Greek [Ελληνική]

Αυτό το προϊόν υποστηρίζει τις ακόλουθες ραδιοσυχνότητες και επίπεδα ισχύος στην έκδοση της EU:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Hungarian [Magyar]

Ez a termék a következő rádiófrekvenciákat és teljesítményszinteket támogatja az EU verziójában :

- 802.11b/g/n/ax, 2.4 GHz band: 2412-2472 MHz EIRP<20 dBm
- 802.11 a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Italian [Italiano]

Questo prodotto supporta le seguenti frequenze radio e livelli di potenza nella versione UE:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Latvian [Latviski]

Šis produkts atbalsta šādus radio frekvences un jaudas līmeni ES versiju:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Lithuanian [Lietuvių]

Šis produktas palaiko šiuos radijo dažnius ir galios lygį ES versija:

- 802.11b/g/n/ax, 2.4 GHz band: 2412-2472 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Maltese [Malti]

Dan il-prodott jappoġġja l-frekwenzi tar-radju li ġejjin u l-livelli ta 'enerġija fil-verżjoni UE:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Polish [Polski]

Ten produkt obsługuje następujące częstotliwości radiowe i poziomy mocy w wersji unijnej:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Portuguese [Português]

Este produto suporta as seguintes frequências de rádio e níveis de potência na versão UE:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax : 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Romanian [Romania]

This product supports the following radio frequencies and power levels in the EU version:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Slovak [Slovensky]

Tento produkt podporuje nasledujúce rádiové frekvencie a úrovne napájania vo verzii EÚ:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Slovenian [Slovenija]

Ta izdelek podpira te radijske frekvence in ravni moči v različici EU:

- 802.11b/g/n/ax, 2.4 GHz band: 2412-2472 MHz EIRP<20 dBm
- 802.11 a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Spanish [Español]

Este producto admite las siguientes frecuencias de radio y niveles de potencia en la versión de la UE:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Swedish [Sverige]

Denna produkt stöder följande radiofrekvenser och effektnivåer i EU-versionen:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5725-5850 MHz<14 dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

UK

This product supports the following radio frequencies and power levels in the EU version:

- 802.11b/g/n/ax, 2.4 GHz band: 2400-2483.5 MHz EIRP<20 dBm
- 802.11a/ac/n/ax: 5 GHz band: 5150-5350 MHz EIRP<23 dBm, 5470-5850 MHz EIRP<30 dBm, 5730-5850 MHz<23dBm
- BLE: 2402-2480 MHz EIRP<8 dBm

Declaration of Conformity in Languages of the European Community

English	Hereby, Extreme Networks declares that the radio equipment type (AP510C/CX/AP510C/CXWW) is in compliance with Directive 2014/53/EU. For full text of the EU Declaration of Conformity, contact Extreme Regulatory Compliance at compliancerequest@extremenetworks.com
Finnish	Valmistaja Extreme Networks vakuuttaa täten että Radio LAN device (AP510C/CX/AP510C/CXWW) tyyppinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen. EU-vaatimustenmukaisuusvaatimuksen täydellisestä tekstistä ota yhteyttä äärimmäisiin säädösten noudattamiseen osoitteessa compliancerequest@extremenetworks.com
Dutch	Hierbij verklaart Extreme Networks dat het toestel Radio LAN device (AP510C/CX/AP510C/CXWW) in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EU. Neem voor de volledige tekst van de EU-conformiteitsverklaring u contact opnemen met extreme regelgeving op compliancerequest@extremenetworks.com
French	Par la présente Extreme Networks déclare que l'appareil Radio LAN device (AP510C/CX/AP510C/CXWW) est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/EU. Pour obtenir le texte intégral du processus de Déclaration de la conformité de l'UE, veuillez contacter la conformité réglementaire extrême à l'adresse suivante: compliancerequest@extremenetworks.com
Swedish	Härmed intygar Extreme Networks att radioutrustningstypen (AP510C/CX/AP510C/CXWW) överensstämmer med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/ EU. För fullständig text av EU-försäkran om överensstämmelse, kontakta Extreme regelefterlevnad på compliancerequest@extremenetworks.com
Danish	Undertegnede Extreme Networks erklærer herved, at følgende udstyr Radio LAN device (AP510C/CX/AP510C/CXWW) overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU. For den fulde ordlyd af EU-overensstemmelseserklæringen bedes du kontakte Extreme Regulatory Compliance på compliancerequest@extremenetworks.com
German	Hiermit erkläre Extreme Networks die Übereinstimmung des "WLAN Wireless Controller bzw. Access Points" (AP510C/CX/AP510C/CXWW) mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 2014/53/EU. Für den vollständigen Wortlaut der EU-Konformitätserklärung wenden Sie sich bitte an extreme Regulatory Compliance unter compliancerequest@extremenetworks.com
Greek	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Extreme Networks ΔΗΛΩΝΕΙ ΟΤΙ Radio LAN device (AP510C/CX/AP510C/CXWW) ΣΥΜΜΟΡΦΟΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/EU. Για το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ, παρακαλούμε επικοινωνήστε με την ακραία κανονιστική συμμόρφωση στο compliancerequest@extremenetworks.com

Icelandic	Extreme Networks lýsir her með yfir að thessi bunadur, Radio LAN device (AP510C/CX/AP510C/CXWW), uppfyllir allar grunnkrofur, sem gerdar eru í R&TTE tilskipun ESB nr 2014/53/EU. Fyrir fullan texta í ESB yfirlýsingu um samræmi, vinsamlegast hafðu samband við Extreme Reglufylgni á compliancerequest@extremenetworks.com
Italian	Con la presente Extreme Networks dichiara che questo Radio LAN device (AP510C/CX/AP510C/CXWW) è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/EU. Per il testo integrale della Dichiarazione di conformità dell'UE, contattare Extreme Regulatory Compliance presso compliancerequest@extremenetworks.com
Spanish	Por medio de la presente Extreme Networks declara que el Radio LAN device (AP510C/CX/AP510C/CXWW) cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/EU. Para obtener el texto completo de la Declaración de conformidad de la UE, póngase en contacto con Extreme Regulatory Compliance en compliancerequest@extremenetworks.com
Portuguese	Extreme Networks declara que este Radio LAN device (AP510C/CX/AP510C/CXWW) está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/EU. Para o texto integral da declaração de conformidade da UE, contacte a conformidade regulamentar extrema em compliancerequest@extremenetworks.com
Malti	Hawnhekk, Extreme Networks, jiddikjara li dan Radio LAN device (AP510C/CX/AP510C/CXWW) jikkonforma mal-htigijiet essenzjali u ma provvedimenti ohrajn relevanti li hemm fid-Direttiva 2014/53/EU. Għat-test sħiħ tad-dikjarazzjoni ta' konformità tal-UE, jekk jogħġbok ikkuntattja lill-konformità regolatorja compliancerequest@extremenetworks.com

Declaration of Conformity in Languages of the European Community

English	Hereby, declares that the radio equipment type (AP410i/e) is in compliance with Directive 2014/53/EU. For full text of the EU Declaration of Conformity, contact Extreme Regulatory Compliance at compliancerequest@extremenetworks.com
Finnish	Valmistaja vakuuttaa täten että Radio LAN device (AP410i/e) tyyppinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen. EU-vaatimusten mukaisuusvaatimuksen täydellisestä tekstistä ota yhteyttä äärimmäisiin säädösten noudattamiseen osoitteessa compliancerequest@extremenetworks.com

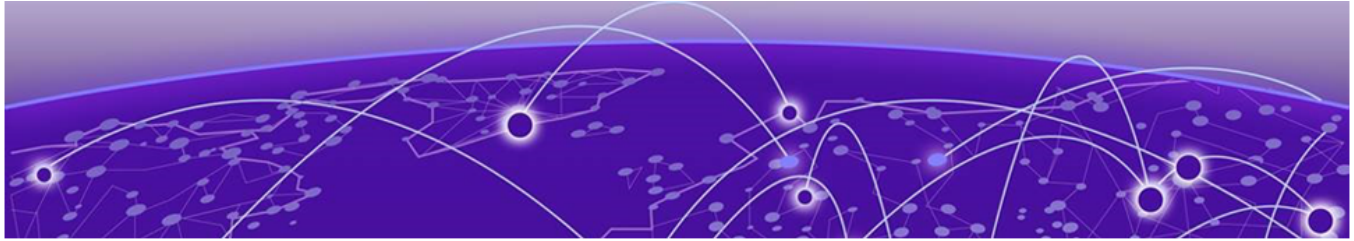
Dutch	Hierbij verklaart dat het toestel Radio LAN device (AP410i/e) in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EU. Neem voor de volledige tekst van de EU-conformiteitsverklaring u contact opnemen met extreme regelgeving op compliance@extremenetworks.com
French	Par la présente déclare que l'appareil Radio LAN device (AP410i/e) est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/EU. Pour obtenir le texte intégral du processus de Déclaration de la conformité de l'UE, veuillez contacter la conformité réglementaire extrême à l'adresse suivante: compliance@extremenetworks.com
Swedish	Härmed intygar att radioutrustningstypen AP410i/e överensstämmer med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/ EU. För fullständig text av EU-försäkran om överensstämmelse, kontakta Extreme regelefterlevnad på compliance@extremenetworks.com
Danish	Undertegnede erklærer herved, at følgende udstyr Radio LAN device (AP410i/e) overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU. For den fulde ordlyd af EU-overensstemmelseserklæringen bedes du kontakte Extreme Regulatory Compliance på compliance@extremenetworks.com
German	Hiermit erkläre die Übereinstimmung des "WLAN Wireless Controller bzw. Access Points" (AP410i/e) mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 2014/53/EU. Für den vollständigen Wortlaut der EU-Konformitätserklärung wenden Sie sich bitte an extreme Regulatory Compliance unter compliance@extremenetworks.com

Greek	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ ΔΗΛΩΝΕΙ ΟΤΙ Radio LAN device (AP410i/e) ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/EU. Για το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ, παρακαλούμε επικοινωνήστε με την ακραία κανονιστική συμμόρφωση στο compliancerequest@extremenetworks.com
Icelandic	lysir her með yfir að thessi bunadur, Radio LAN device (AP410i/e), uppfyllir allar grunnkrofur, sem gerdar eru í R&TTE tilskipun ESB nr 2014/53/EU. Fyrir fullan texta í ESB yfirlýsingu um samræmi, vinsamlegast hafðu samband við Extreme Reglufylgni á compliancerequest@extremenetworks.com
Italian	Con la presente dichiara che questo Radio LAN device (AP410i/e) è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/EU. Per il testo integrale della Dichiarazione di conformità dell'UE, contattare Extreme Regulatory Compliance presso compliancerequest@extremenetworks.com
Spanish	Por medio de la presente declara que el Radio LAN device (AP410i/e) cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/EU. Para obtener el texto completo de la Declaración de conformidad de la UE, póngase en contacto con Extreme Regulatory Compliance en compliancerequest@extremenetworks.com

Portuguese	declara que este Radio LAN device (AP410i/e) está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/EU. Para o texto integral da declaração de conformidade da UE, contacte a conformidade regulamentar extrema em compliancerequest@extremenetworks.com
Malti	Hawnhekk, , jiddikjara li dan Radio LAN device (AP410i/e) jikkonforma mal-htigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Direttiva 2014/53/EU. Għat-test sħiħ tad-dikjarazzjoni ta ' konformità tal-UE, jekk jogħġbok ikkuntattja lill-konformità regolatorja compliancerequest@extremenetworks.com
English	Hereby, declares that the radio equipment type (AP310i/e) is in compliance with Directive 2014/53/EU. For full text of the EU Declaration of Conformity, contact Extreme Regulatory Compliance at compliancerequest@extremenetworks.com
Finnish	Valmistaja vakuuttaa täten että Radio LAN device (AP310i/e) tyypinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen. EU-vaatimusten mukaisuusvaatimuksen täydellisestä tekstistä ota yhteyttä äärimmäisiin säädösten noudattamiseen osoitteessa compliancerequest@extremenetworks.com
Dutch	Hierbij verklaart dat het toestel Radio LAN device (AP310i/e) in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EU. Neem voor de volledige tekst van de EU-conformiteitsverklaring u contact opnemen met extreme regelgeving op compliancerequest@extremenetworks.com

French	Par la présente déclare que l'appareil Radio LAN device (AP310i/e) est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/EU. Pour obtenir le texte intégral du processus de Déclaration de la conformité de l'UE, veuillez contacter la conformité réglementaire extrême à l'adresse suivante: compliance@extremenetworks.com
Swedish	Härmed intygar att radioutrustningstypen AP310i/e överensstämmer med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/ EU. För fullständig text av EU-försäkran om överensstämmelse, kontakta Extreme regelefterlevnad på compliance@extremenetworks.com
Danish	Undertegnede erklærer herved, at følgende udstyr Radio LAN device (AP310i/e) overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU. For den fulde ordlyd af EU-overensstemmelseserklæringen bedes du kontakte Extreme Regulatory Compliance på compliance@extremenetworks.com
German	Hiermit erkläre ich die Übereinstimmung des "WLAN Wireless Controller bzw. Access Points" (AP310i/e) mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 2014/53/EU. Für den vollständigen Wortlaut der EU-Konformitätserklärung wenden Sie sich bitte an extreme Regulatory Compliance unter compliance@extremenetworks.com
Greek	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ ΔΗΛΩΝΕΙ ΟΤΙ Radio LAN device (AP310i/e) ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/EU. Για το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ, παρακαλούμε επικοινωνήστε με την ακραία κανονιστική συμμόρφωση στο compliance@extremenetworks.com

Icelandic	lysir her med yfir að thessi bunadur, Radio LAN device (AP310i/e), uppfyllir allar grunnkrofur, sem gerðar eru í R&TTE tilskipun ESB nr 2014/53/EU. Fyrir fullan texta í ESB yfirlýsingu um samræmi, vinsamlegast hafðu samband við Extreme Reglufylgni á compliancerequest@extremenetworks.com
Italian	Con la presente dichiara che questo Radio LAN device (AP310i/e) è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/EU. Per il testo integrale della Dichiarazione di conformità dell'UE, contattare Extreme Regulatory Compliance presso compliancerequest@extremenetworks.com
Spanish	Por medio de la presente declara que el Radio LAN device (AP310i/e) cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/EU. Para obtener el texto completo de la Declaración de conformidad de la UE, póngase en contacto con Extreme Regulatory Compliance en compliancerequest@extremenetworks.com
Portuguese	declara que este Radio LAN device (AP310i/e) está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/EU. Para o texto integral da declaração de conformidade da UE, contacte a conformidade regulamentar extrema em compliancerequest@extremenetworks.com
Malti	Hawnhekk, jiddikjara li dan Radio LAN device (AP310i/e) jikkonforma mal-htigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Direttiva 2014/53/EU. Għat-test sħiħ tad-dikjarazzjoni ta' konformità tal-UE, jekk jogħġbok ikkuntattja lill-konformità regolatorja compliancerequest@extremenetworks.com



Index

A

access point overview 10
announcements 8, 9
AP510C and AP510CX access point overview 10

B

box contents 22

C

connect AP to network 28
conventions
 notice icons 6
 text 6

D

documentation
 feedback 9
 location 7, 8

F

feedback 9

H

hardware components
 ethernet ports 19
 status light 19

I

installation
 connect AP to network 28
 initial position 22
 installation workflow 20, 21
 non-standard ceiling 25
 secure AP 28
 standard ceiling installation 22
installation workflow 20, 21

L

lock the AP 28

N

notices 6

P

pre-installation 22
product announcements 8, 9

R

regulatory and compliance
 brazil statement 33
 CE information 30
 CE marking and european area 32
 eu radio frequency and power levels 37–42
 fcc statement 33, 34
 industry canada notice 34
 japan indoor use 29
 japan VCCI - class B 30
 mexico statement 33
 supplement instructions 36
 taiwan statement 35
 usa and canada radio frequency bands 37

S

standard ceiling installation 22
support, *see* technical support

T

technical specifications
 antennas 17
 enclosure 11
 environmental specifications 16
 peak antenna gain 17
 physical specifications 11
 power consumption 11
 power specifications 11
 radios 12
 transmit power 13
technical support
 contacting 8, 9

W

warnings 6