


Installing the ExtremeMobility Indoor 802.11ax AP510e Access Point

Overview of the AP510e

The AP510e is a next generation, indoor ceiling mount model enterprise class 802.11ax access point. The “e” in AP510e indicates that it comes with external antennas. The AP features a dual-band radio, a band locked radio, eight RP-SMA WiFi ports, one Bluetooth port, and one internal Bluetooth Low Energy (BLE) antenna. The Bluetooth port can be used for a remote antenna in place of the internal antenna.

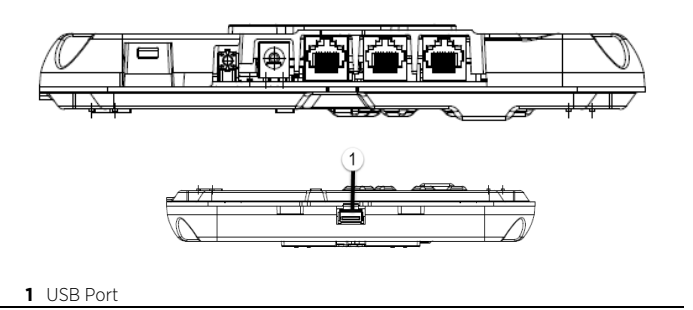
The AP510e can be mounted on a dry or wood wall, solid flat ceiling, junction/gang box, and on a suspended or drop ceiling.

 **Note:** The AP510e requires a minimum base firmware of WiNG 7.0.

The AP510e model has the following features:

- Radios: 2 radios (1 dual band, 2.4GHz and 5GHz, and 1 band locked 5GHz); 1 IoT radio (2.4 GHz)
- Console Port: RJ45
- Two Ethernet Ports
 - One multi-rate GE/2.5GE/5GE port (LAN1) with PoE In
 - 10/100/1000 Ethernet Port (LAN2) with PoE In
- LEDs: 6
 - All LEDs will be on during reset.
- One Reset button
- Power: PoE 802.3af; 12VDC external power in connector (see [Table 1](#) for details)
- Antennas:
 - Eight RP-SMA **external** antennas
 - One RP-SMA **BLE** antenna
 - One BLE **internal** antenna
- Temperature:
 - -20 to +50°C ambient temperature anywhere
- Enclosure: Plastic with metal base

Figure 1 Top and Side Views of AP510e



| Table 1 AP510e Powering Methods | |
|--|--|
| Power Source | Description |
| Power over Ethernet (PoE) | Redundant power is provided through the RJ45 Ethernet ports (LAN ports, Figure 2 , items #4 and #5) of AP510e, compliant to be powered with 802.3af and provide full functionality with 802.3at. This is the preferred method of powering the AP on ceiling and high wall installations. |
| External 12V DC power supply (optional; ordering part #37219 - PWR 12VDC, 3A, 2.5mm x 5.5mm connector) | The AP510e can also be powered by an external DC power supply plugged into an AC source. Plug the supply's input jack into the 12V DC (Figure 2, item #2) port. |


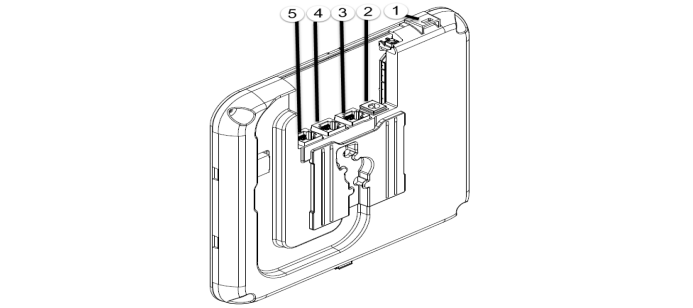
 **Note:** PoE is disabled when external power supply is used.

Figure 2 AP510e back ports



| Table 2 Description of back ports of AP510e | |
|---|---------------------|
| Number | Description |
| 1 | Kensington lock |
| 2 | 12V DC Power Supply |

| Number | Description |
|--------|--------------|
| 3 | Console Port |
| 4 | LAN 2 (GE) |
| 5 | LAN 1 (5 GE) |

LEDs Status

The LEDs are located on the front face of the AP but are not visibly marked.

| Table 3 AP510e LED Status | | |
|---------------------------|-----------|---------------------------|
| LED Icon | LED Color | Description |
| Status | GREEN | Normal operational status |
| | AMBER | Non-operational status |
| GE1 Ethernet | AMBER | 100 Mbps |
| | GREEN | 1000 Mbps |
| | PURPLE | 2.5G/5G |
| | AMBER | 100 Mbps |
| GE2 Ethernet | GREEN | 1000 Mbps |
| | AMBER | 5GHz |
| Radio #1 Status | WHITE | Sensor |
| | AMBER | 5GHz |
| Radio #2 Status | BLUE | Indicates BLE is enabled |
| | OFF | Non-operational status |


For detailed installation information about the AP510e, see the *ExtremeWireless AP510e Installation Guide*.

Verifying the AP510e Box Contents

Verify the contents of the box and ensure that the following items are available:

| Quantity | Item |
|----------|---|
| 1 | AP510e Quick Reference Guide |
| 1 | Mounting Bracket for 802.11ax Indoor AP |
| 1 | Cloud Quick Start Card |
| 1 | AP510e access point |
| 2 | Phillips Pan-head wood screws |
| 2 | Screw-in anchors |

Mounting and Connecting the AP

 **Electrical Hazard:** Only qualified personnel should perform installation procedures.

Use these instructions as guidelines for mounting and connecting the AP510e easily and safely.

The AP510e comes with a Mounting Bracket (#37201) that can be used to mount the AP on a flat t-bar with flat ceiling tiles, flat surfaces, beams, and some junction/gang boxes. An adaptor and brackets are available for mounting the AP to non-flat ceiling tiles and t-bars. To mount the AP510e on a junction/gang box, use the optional bracket (WS-MBI-WALL04; #30516). All additional and optional parts are sold separately.


 **Note:** The mounting procedures for installing the AP using the WS-MBI-DCFLUSH (ordering part #37211) adaptor to a T-bar, WS-MBI-DCMTR01 (ordering part #30518) to a T-bar, and using the main mounting bracket (ordering part #37201) along with a flat metal-easy attach adaptor (ordering part #37210), Accessory BRKT-000147A-01 (beam clip), and KT-135628-01 are covered in the *ExtremeWireless AP510e Installation Guide*.

Mounting the AP on a Wood Wall/Solid Flat Ceiling


Pre-installation checklist:


- The mounting surface, item, and hardware must be able to support the AP in all environmental conditions.
 - The mounting surface should be flat.
- To install the AP on a dry wall or flat surface:

Option 1: Using the Main Mounting Bracket

- 1 Use the mounting bracket as a template and mark the hole centers on the wall.
 **Note:** The four feet of the bracket and the direction of the arrow mark must be vertical and pointing up and the flat part of the bracket must be touching the surface it is being attached to.

- 2 Drill two holes 83mm (3.270”) apart from each other on the wall where you want to mount the AP.
- 3 Insert the screws into the holes of the mounting bracket and use the screw-in anchors if needed.
- 4 Insert the Ethernet cable's RJ45 connector into the LAN1/GE1 port.
- 5 Insert the AP onto the bracket's four feet and slide it down to lock it in place.

 **Note:** The T-bar width can be either 9/16” (15mm) or 15/16” (24mm).

 **Note:** The antenna must be mounted perpendicular to the horizon.

Option 2: Using an optional Wall and Box bracket

For detailed instructions, see the *ExtremeWireless AP510e Installation Guide*.


Mounting the AP to a Suspended or Drop Ceiling

The AP510e can be mounted to a suspended or drop ceiling directly using the mounting bracket on the t-bar. If there is a ceiling tile protrusion, add the optional T-bar adaptor to the main mounting bracket prior to T-bar installation.

Option 1: Using the Main Mounting Bracket to a T-bar

Before installation ensure that:

- The base thickness of the T-bar that supports the ceiling tile is 0.031”.
- The maximum base thickness of the T-bar of the T-bar is 0.055”.

 **Note:** The T-bar width can be either 9/16” (15mm) or 15/16” (24mm).

- 1 Remove the ceiling tiles, slide and rotate the main mounting bracket onto the T-bar in such a way that the center angled locking tabs of the main bracket gets attached to the T-bar.
- 2 Replace the tiles to hold the T-bar in place.
- 3 Hold the AP and rock it back and forth to ensure it is securely mounted.
- 4 Attach the Ethernet cable's RJ45 connector to the LAN1/GE1 port.

Option 2: Mounting the AP by attaching an adaptor to the main bracket

For detailed instructions, see the *ExtremeWireless AP510e Installation Guide*.

Mounting the AP on a Junction or Gang Box

For detailed procedure on Installing the AP to a Junction or Gang Box, see the *ExtremeWireless AP510e Installation Guide*.

Mounting the AP to a Beam

For detailed procedure on Installing the AP to a Beam, see the *ExtremeWireless AP510e Installation Guide*.

Connecting a Power Supply to the AP510e

If you need to power the AP510e with an external 12V DC power supply, you can plug the power cord into the power connector on the back of the AP. There is no wall mount bracket for the 12V DC power supply. When the device is powered on, the power LED on the front face of the AP is lit. Refer to the *ExtremeWireless AP510e Installation Guide* for information about optional power supplies.

Operational Description of Antenna Configuration and RF Output Power Setting

Per KDB 353028 D01 Antennas Part 15 Transmitters v01 requirement, Applications must contain an exhibit listing each antenna, the antenna gain, antenna type, and antenna manufacturer/vendor and output power that can be used for the device, that the info listed below are correct and represent the product in consideration under this filing.

| Frequency Band | Antenna Type | Model | Antenna Gain | | Cable Loss | | True Gain | |
|--------------------|--------------|--------------------|--------------|------|------------|----|-----------|------|
| | | | 2.4G | 5G | 2.4G | 5G | 2.4G | 5G |
| 2.4G/5G | Omni | ML-2452-APA2-01 | 3.17 | 4.85 | 1 | 2 | 2.17 | 2.85 |
| 2.4G/5G | Omni | ML-2452-APA2-02 | 3.17 | 4.85 | 1 | 2 | 2.17 | 2.85 |
| 2.4G/5G | Omni | ML-2452-HPA5-036 | 3.9 | 5.7 | 1 | 2 | 2.9 | 3.7 |
| 2.4G/5G | Omni | ML-2452-HPAG4A6-01 | 4 | 7.3 | 1 | 2 | 3 | 5.3 |
| 2.4G/5G | Panel | ML-2452-PNA5-01R | 4.5 | 5 | 1 | 2 | 3.5 | 3 |
| 2.4G/5G | Omni | ML-2452-HPAG5A8-01 | 5 | 8 | 1 | 2 | 4 | 6 |
| 2.4G/5G | Omni | ML-2452-PTA4M4-036 | 5 | 6.6 | 1 | 2 | 4 | 4.6 |
| 2.4G/5G | Omni | WS-AO-DQ04360N | 5.5 | 6 | 1 | 2 | 4.5 | 4 |
| 2.4G/5G | Panel | ML-2452-SEC6M4-036 | 6.92 | 7.23 | 1 | 2 | 5.92 | 5.23 |
| 2.4G/5G | Panel | WS-AI-DQ05120 | 6.9 | 7.23 | 1 | 2 | 5.92 | 5.23 |
| 2.4G(BT/Thread)/5G | Panel | ML-2452-PNA7-01R | 7.8 | 10.7 | 1 | 2 | 6.8 | 8.7 |
| 2.4G(BT/Thread)/5G | Omni | ML-2499-HPA8-01 | 8 | - | 1 | 2 | 7 | - |
| 2.4G/5G | Omni | AI-DQ04360S | 5.5 | 6 | 1 | 2 | 4.5 | 4 |

Professional Installation Instruction

Installation personal

This product is designed for specific application and needs to be installed by a qualified personal who has RF and related rule knowledge. The general user shall not attempt to install or change the setting.

Installation location


The product shall be installed at a location where the radiating antenna can be kept 26 cm from nearby person in normal operation condition to meet regulatory RF exposure requirement.

External antenna

Use only the antennas which have been approved by the applicant. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power which may lead to the violation of FCC/IC limit and is prohibited.

Installation procedure

Please refer to user's manual for the detail.

 **Warning:** Please carefully select the installation position and make sure that the final output power does not exceed the limit set force in relevant rules. The violation of the rule could lead to serious federal penalty.

Instructions d’installation professionnelle

Installation

Ce produit est destine a un usage specifique et doit etre installe par un personnel qualifie maitrisant les radiofréquences et les regles s’y rapportant. L’installation et les reglages ne doivent pas etre modifiés par l'utilisateur final.

Emplacement d’installation


En usage normal, afin de respecter les exigences reglementaires concernant l'exposition aux radiofréquences, ce produit doit etre installe de facon a respecter une distance de 26 cm entre l'antenne emettrice et les personnes.

Antenn externe

Utiliser uniquement les antennes approuvees par le fabricant. L'utilisation d'autres antennes peut conduire a un niveau de rayonnement essentiel ou non essentiel depassant les niveaux limites definis par FCC/IC, ce qui est interdit.

Procédure d’installation


Consulter le manuel d'utilisation.

 **Warning: Avertissement:** Choisir avec soin la position d’installation et s’assurer que la puissance de sortie ne depasse pas les limites en vigueur. La violation de cette regle peut conduire a de serieuses penalites federales.

Regulatory and Compliance Information Safety Guidelines

This section contains notices that are intended to protect your personal safety and prevent damage to the equipment.


Qualified Personnel:

 **Electrical Hazard:** Only qualified personnel should perform installation procedures. Within the context of the safety notes in this documentation, qualified persons are defined as persons who are authorized to commission, ground and label 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.

Federal Communications Commission (FCC) Notice

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

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

Users Manual of the End Product:

The end user has to also be informed that any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

This device complies with Part 15 of 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.

Label of the end product:

The final end product must be labeled in a visible area with the following, “Contains **TX FCC ID: QXO-AP510E**.”


This device complies with Part 15 of 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.

Remote and Standalone Antenna Configurations

To comply with FCC RF exposure requirements, antennas that are mounted externally at remote locations or operating near users at stand-alone desktops of similar configurations must operate with a minimum separation distance of 26cm from all persons.

To comply with FCC Antenna requirements, the Antenna must be adjusted such that the RF emission lobes are below 30 degrees elevation.

This transmitter must not be co-located or operating 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 26cm between the antenna & your body.

 **Note:** This module is intended for OEM integrator. The OEM integrator is responsible for the compliance to all the rules that apply to the product into which this certified RF module is integrated. Additional testing and certification may be necessary when multiple modules are used.

Industry Canada Notice

The maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate.

le gain maximal d’antenne permis (pour les dispositifs utilisant la bande 5725-5850 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l’exploitation point à point et non point à point, selon le cas.

Users Manual of the End Product:

The end user has to also be informed that any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment. Operation is subject to the following two conditions: (1) this device may not cause harmful interference (2) this device must accept any interference received, including interference that may cause undesired operation.

Label of the end product: IC:

The final end product must be labeled in a visible area with the following, “Contains IC: 4141B-AP510E.”

The Host Model Number (HMN) must be indicated at any location on the exterior of the end product or product packaging or product literature which shall be available with the end product or online.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

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: Avertissement: 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.



Warning: IC Radiation Exposure Statement: This equipment complies with IC radio-frequency exposure guidelines set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 31cm between the antenna & your body.



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 31cm de distance entre la source de rayonnement et votre corps.

IC B2B3 statement

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.

The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit. le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limite de p.i.r.e.

Detachable Antenna Usage

This radio transmitter [4141B-AP510E] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, 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 [4141B-AP510E] a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal d'antenne. Les types d'antennes non inclus dans cette liste qui ont un gain supérieur au gain maximal indiqué pour tout type listé sont strictement interdits pour une utilisation avec cet appareil.

Approved Antenna(s) list:

| Frequency Band | Antenna Type | Model | Antenna Gain | | Cable Loss | | True Gain | |
|--------------------|--------------|--------------------|--------------|------|------------|----|-----------|------|
| | | | 2.4G | 5G | 2.4G | 5G | 2.4G | 5G |
| 2.4G/5G | Omni | ML-2452-APA2-01 | 3.17 | 4.85 | 1 | 2 | 2.17 | 2.85 |
| 2.4G/5G | Omni | ML-2452-APA2-02 | 3.17 | 4.85 | 1 | 2 | 2.17 | 2.85 |
| 2.4G/5G | Omni | ML-2452-HPA5-036 | 3.9 | 5.7 | 1 | 2 | 2.9 | 3.7 |
| 2.4G/5G | Omni | ML-2452-HPAG4A6-01 | 4 | 7.3 | 1 | 2 | 3 | 5.3 |
| 2.4G/5G | Panel | ML-2452-PNA5-01R | 4.5 | 5 | 1 | 2 | 3.5 | 3 |
| 2.4G/5G | Omni | ML-2452-HPAG5A8-01 | 5 | 8 | 1 | 2 | 4 | 6 |
| 2.4G/5G | Omni | ML-2452-PTA4M4-036 | 5 | 6.6 | 1 | 2 | 4 | 4.6 |
| 2.4G/5G | Omni | WS-A0-DQ04360N | 5.5 | 6 | 1 | 2 | 4.5 | 4 |
| 2.4G/5G | Panel | ML-2452-SEC6M4-036 | 6.92 | 7.23 | 1 | 2 | 5.92 | 5.23 |
| 2.4G/5G | Panel | WS-AI-DQ05120 | 6.9 | 7.23 | 1 | 2 | 5.92 | 5.23 |
| 2.4G(BT/Thread)/5G | Panel | ML-2452-PNA7-01R | 7.8 | 10.7 | 1 | 2 | 6.8 | 8.7 |
| 2.4G(BT/Thread)/5G | Omni | ML-2499-HPA8-01 | 8 | - | 1 | 2 | 7 | - |
| 2.4G/5G | Omni | AI-DQ04360S | 5.5 | 6 | 1 | 2 | 4.5 | 4 |

This device and its antenna(s) must not be co-located with any other transmitters except in accordance with IC multi-transmitter product procedures. Referring to the multi-

transmitter policy, multiple-transmitter(s) and module(s) can be operated simultaneously without reassessment permissive change. Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionnement en association avec une autre antenne ou transmetteur.

| 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 ⁺) | 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. | | | | | | |

NCC Statement

低功率電波輻射性電機管理辦法

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 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，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。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

1. 使用此產品時應避免影響附近雷達系統之操作。

「本模組於取得認證後將依規定於模組本體標示實驗合格標籤，並要求平台廠商於平台上標示「本產品內含射頻模組」。



Note: This module is intended for OEM integrator. The OEM integrator is responsible for the compliance to all the rules that apply to the product into which this certified RF module is integrated. Additional testing and certification may be necessary when multiple modules are used.

MPE Statement - Mobile Device

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

CE Statement

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

| | | | | | | | |
|--|----|----|----|----|----|----|----|
| | 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 |

All Operational Modes

2.4GHz: 802.11b, 802.11g, 802.11n (HT20), 802.11n (HT40), 802.11ax (VHT20), 802.11ax (HEW20), 802.11ax (HEW40), 802.15.4 (Thread), Bluetooth (LE)
5GHz: 802.11a, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80), 802.11ac (VHT160), 802.11ax (HEW20), 802.11ax (HEW40), 802.11ax (HEW80), 802.11ax (HEW160)

The frequency and the maximum transmitted power in EU are listed below:

2412-2472MHz: 19.99dBm
2402-2480MHz (LE): 8.98dBm
5180-5240MHz: 22.98dBm
5260-5320MHz: 22.98dBm
5500-5700MHz: 29.98dBm
2405-2480MHz: 8.97dBm

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):
- The symbol above indicates that separate collection of electrical and electronic equipment is required.
 - 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.
 - 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.
 - It is the users' 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.

Hazardous Substances

This product complies with the requirements of Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Declaration of Conformity in Languages of the European Community

| | |
|------------|--|
| English | Hereby, Extreme Networks, declares that the radio equipment type [AP510e] is in compliance with Directive 2014/53/EU. For full text of the EU Deceleration of Conformity, please contact Extreme Regulatory Compliance at compliancerequest@extremenetworks.com |
| Finnish | Valmistaja Extreme Networks vakuuttaa täten että Radio LAN device tyypinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen. |
| Dutch | Hierbij verklaart Extreme Networks dat het toestel Radio LAN device in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EU. |
| French | Par la présente Extreme Networks déclare que l'appareil Radio LAN device est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/EU. |
| Swedish | Härmed intygar Extreme Networks att denna Radio LAN device står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/EU. |
| Danish | Undertegnede Extreme Networks erklærer herved, at følgende udstyr Radio LAN device overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU. |
| German | Hiermit erklärt Extreme Networks die Übereinstimmung des "WLAN Wireless Controller bzw. Access Points" mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 2014/53/EU. |
| Greek | ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Extreme Networks ΔΗΛΩΝΕΙ ΟΤΙ Radio LAN device ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/ ΕΥ. |
| Icelandic | Extreme Networks lýsir her með yfir að thessi bunadur, Radio LAN device, uppfyllir allar grunnkröfur, sem gerðar eru í R&TTE tilskipun ESB nr 2014/53/EU. |
| Italian | Con la presente Extreme Networks dichiara che questo Radio LAN device è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/EU. |
| Spanish | Por medio de la presente Extreme Networks declara que el Radio LAN device cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/EU. |
| Portuguese | Extreme Networks declara que este Radio LAN device está conforme com os requisitos essenciais e outras disposições da Directiva 2014/ 53/EU. |
| Malti | Hawnhekk, Extreme Networks, jiddikjara li dan Radio LAN device jikkonforma mal-htigijiet essenzjali u ma provvedimenti oħrajn rilevanti li hemm fid-Dirrettiva 2014/53/EU. |

ExtremeMobility™ Access Points

Quick Reference

AP510e-FCC

AP510e-WR

AP510e-FCC-TAA

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