

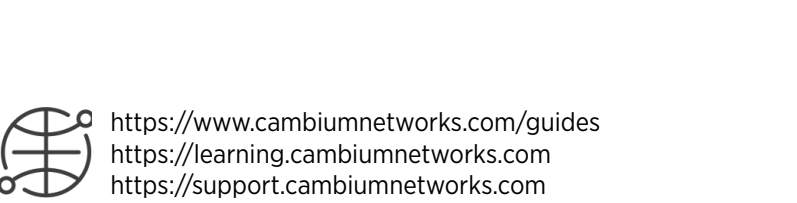


X7-35X Wi-Fi 7 Indoor Access Point



Intended Use

The enterprise Wi-Fi products by Cambium Networks are intended for delivering indoor wireless LAN data networks. X7-35X is a tri-radio device with internal antennas. This 802.11be standard device offers higher throughput and lower latency.



<https://www.cambiumnetworks.com/guides>
<https://learning.cambiumnetworks.com>
<https://support.cambiumnetworks.com>

Cambium Networks Ltd, Unit B2 Linhay Business Park, Eastern Road
Ashburton, Devon, TQ13 7UP, United Kingdom

Model#: X7-35X



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Connecting what matters



Installation and operation of this product are complex, therefore Cambium Networks recommends professional installation and management of the system to ensure that the operation complies with regulations of the region where the product is installed. Follow the instructions provided in this leaflet. Further guidance on installation and operation is available in the product user guide (see web links).

The installer should have sufficient skills, knowledge and experience to perform the installation tasks and is responsible for:

- Familiarizing with current applicable national regulations, including radio, electrical installation, and surge protection regulations.
- Installation in accordance with Cambium Networks instructions.
- Confirming on whether the equipment settings are compliant with national or regional regulations.
- To ensure the equipment's compliance with the national regulatory regulations, consider the following instructions during the installation:
 - Ensure that the X7-Series equipment is installed with the latest firmware version (Release 7.0 or later). The latest software is available on the Cambium Networks Support Centre website.
 - When setting up the equipment, verify that the correct region code is set (the region code is pre-set in the factory for EU products) and then select the correct country code for the particular country where the product is being deployed.

Changes or modifications, which are not expressly approved by Cambium Networks, could void the user's authority to operate the equipment and will void the manufacturer's warranty.

Product safety information

Observe the following safety rules:

- Always turn off and unplug the equipment before servicing. The power supply is the primary disconnect device. There are no serviceable parts inside this equipment.
- Always turn off the power to the X7-Series device before undertaking maintenance activities in front of the antenna.
 - Observe the minimum safe distance limit for X7-Series products provided below.
- Ensure that the equipment is installed in a position, by avoiding any radiation hazard.
- It is the user's responsibility to install the equipment in accordance with national regulations. It is recommended that installation should be contracted to a professional installer.
- Always use the specified platform power supply units (PSU) to power the equipment, Gigabit Passive PoE injector, 802.3at/bt, Tma=50 degree C. Failure to use the Cambium Networks supplied PSU with ratings that are specified on the equipment label may result in improper operation, damage to equipment and cause a safety or fire hazard.
- Always install the cables recommended by Cambium Networks and consider the following instructions:
 - Use a power cord with an integral safety ground wire intended for protection to a grounded safety outlet.
 - Protective bonding must be installed in accordance with local national wiring rules and regulations.
- When in operation, the indoor unit may be hot to the touch.
- Contact your local supplier to get more information about the power supply/adaptor.
- If a Class I PoE adaptor or switch is used to provide power, ensure that the power cord is firmly plugged into the socket and confirm the main earth connection.
- For X7-Series products deployed in EU, the minimum safe distance between the equipment and humans is 20 cm.

Operation in the USA

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions.

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

For product available in the USA market, only channels 1 to 11 for the 2.4GHz band can be operated. Selection of other channels is not possible. This device is restricted to indoor use.

Important note
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 of 41 cm (16.14 inches) between the radiator and your body. 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. If it is not installed and used in accordance with the instructions, it 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 your radio or television reception, you can try to correct the interference 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 device.
- Increase the separation between the equipment and receiver.
- Connect the equipment to 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.

The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet in the 5.925 GHz - 6.425 GHz band.

Operation of transmitters in the 5.925 GHz - 7125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

Operation in Canada

ISED statement

This device complies with "Innovation, Science and Economic Development (ISED) Canada" license-exempt RSS standards. Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) L'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

For product available in the Canada market, only channels 1 to 11 can be operated. Selection of other channels is not possible.

Operation in Europe

For X7-Series products deployed in the EU, the minimum safe distance between the equipment and humans is 20 cm. The device is restricted to indoor use only, when operating in 5150 - 5350 MHz and 5945 - 6425 MHz frequency ranges.

Restrictions and requirements for authorization and use

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- The X7-Series products can be configured to operate in unlicensed frequency bands subject to frequency planning within individual countries. Operators/End users must ensure that the equipment is installed and operated in accordance with the regulations applicable to the country of operation.
- Use only with the specified Gigabit Passive PoE injector, 802.3at/bt, Tma=50 degree C.

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Operation in the EU

Frequency bands, maximum operating power, safe distance

In the EU, the 2.4/5/6 GHz tri band X7-Series products operate in the following frequency bands up to the maximum power as shown below:

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