



ACB-AC Quick Start Guide

Package Contents

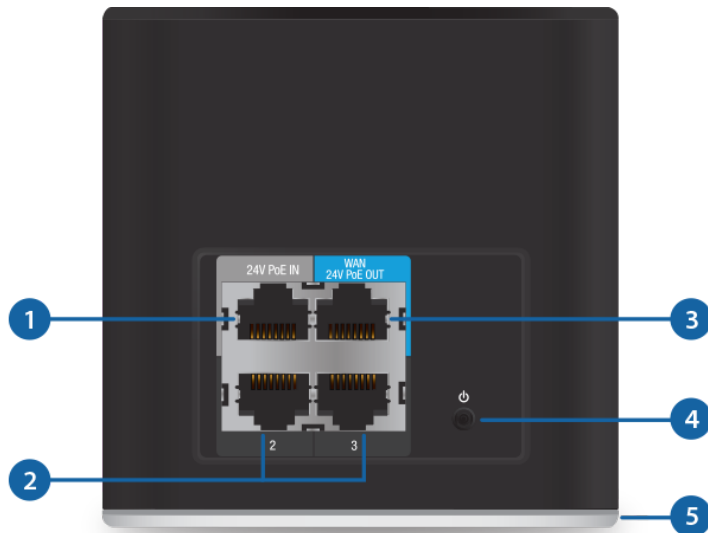


airCube AC Access Point



Power Adapter

Hardware Overview



1 24V PoE In Port



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the internet. It also accepts 24V PoE input and can be used to power the airCube.

2 Ports 2-3

These Gigabit Ethernet ports are available to connect 10/100/1000 Mbps devices to the internet.

3 WAN Port

This Gigabit Ethernet port connects to and powers a 24V PoE airMAX device.

4 Power Port

The Power Adapter connects to this port.

5 LED

The LED lights up when the airCube is powered on.

6 Reset Button

Resets to factory defaults. The device should be running after bootup is complete. Press and hold the Reset button for about 10 seconds until the LED starts flashing and then becomes solidly lit. After a few seconds, the LED will turn off, and the device will automatically reboot.

Hardware Installation

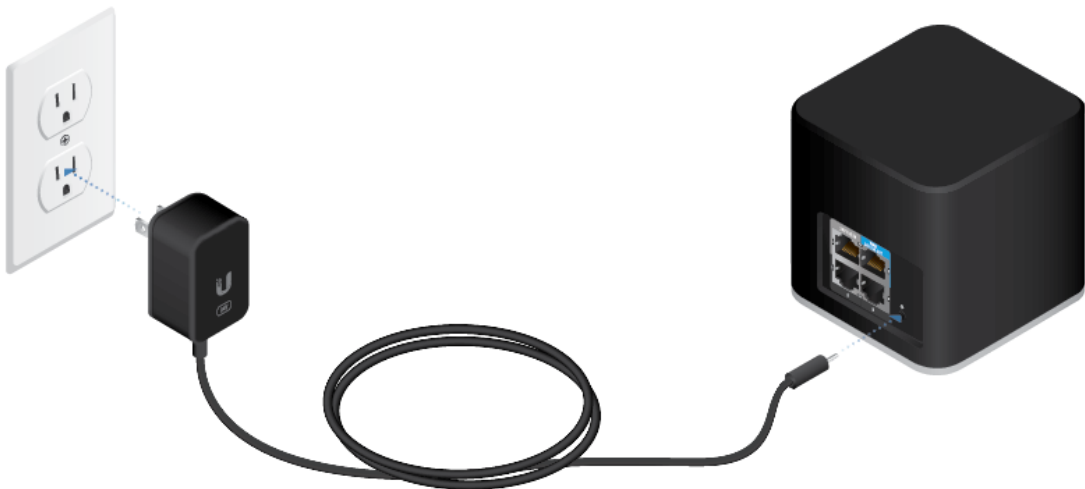
1.



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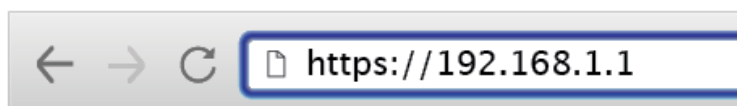
2.



Web UI Configuration

To configure the airCube using a web interface:

1. Launch your web browser and go to: <https://192.168.1.1>



NOTE: The device used to configure the airCube must be on the same network as the airCube itself.

2. Enter ubnt for the Username, and type in the QR code password for the Password. Then click Login.



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3. Follow the on-screen instructions.

Specifications

ACB-AC	
Dimensions	87.80 x 89.50 x 89.25 mm (3.46 x 3.52 x 3.51")
Weight	280 g (9.88 oz)
Management Interface	Wi-Fi / Ethernet
Networking Interface	(4) Gigabit Ethernet Ports
LED	Status
Operating Frequency	2.4 GHz 5 GHz
Antenna Gain	2.4 GHz 4 dBi 5 GHz 5 dBi
Max. Speeds	2.4 GHz 300 Mbps 5 GHz 866.7 Mbps
Max. Power Consumption	8.5W
Max. TX Power	22 dBm
Power Supply	24VDC
Power Method	24VDC, 0.83A PoE 24V In on Ethernet Port 1
PoE Out	Controllable 24V PoE Out (4, 5+, 7, 8-) on WAN Port
Supported Voltage Range	22-26V
Operating Temperature	-10 to 50° C (-14 to 122° F)
Operating Humidity	5 to 95% Noncondensing
ESD/EMP Protection	± 24 kV Contact / Air
Certifications	CE, FCC, IC

Safety Notices

1. Read, follow, and keep these instructions.
2. Heed all warnings.
3. Only use attachments/accessories specified by the manufacturer.



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WARNING: Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

Electrical Safety Information

1. Compliance is required with respect to voltage, frequency, and current requirements indicated on the manufacturer's label. Connection to a different power source than those specified may result in improper operation, damage to the equipment or pose a fire hazard if the limitations are not followed.
2. There are no operator serviceable parts inside this equipment. Service should be provided only by a qualified service technician.
3. This equipment is provided with a detachable power cord which has an integral safety ground wire intended for connection to a grounded safety outlet.
 - a. Do not substitute the power cord with one that is not the provided approved type. Never use an adapter plug to connect to a 2-wire outlet as this will defeat the continuity of the grounding wire.
 - b. The equipment requires the use of the ground wire as a part of the safety certification, modification or misuse can provide a shock hazard that can result in serious injury or death.
 - c. Contact a qualified electrician or the manufacturer if there are questions about the installation prior to connecting the equipment.
 - d. Protective earthing is provided by Listed AC adapter. Building installation shall provide appropriate short-circuit backup protection.
 - e. Protective bonding must be installed in accordance with local national wiring rules and regulations.

Limited Warranty

ui.com/support/warranty

The limited warranty requires the use of arbitration to resolve disputes on an individual basis, and, where applicable, specify arbitration instead of jury trials or class actions.

Compliance

FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.

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,



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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 or more 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.

The device has been approved by the FCC under FCC ID: SWX-ACBAC.

ISED Canada

CAN ICES-3(B)/NMB-3(B)

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

The device has been approved by ISED Canada under IC: 6545A-ACBAC.

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.

CAN ICES-3(B)/NMB-3(B)

Le présent appareil est conforme aux CNR d'ISDE 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;
2. l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

L'appareil ont été approuvés par ISDE Canada en vertu IC: 6545A-ACBAC.

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.

IMPORTANT NOTE:

Radiation Exposure Statement:

- This equipment complies with radiation exposure limits set forth for an uncontrolled environment.
- This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



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Déclaration sur l'exposition aux rayonnements :

- Cet équipement est conforme aux limites prévues pour l'exposition aux rayonnements dans un environnement non contrôlé.
- Lors de l'installation et de la mise en fonctionnement de l'équipement, assurez-vous qu'il y ait une distance minimale de 20 cm entre l'élément rayonnant et vous.
- Cet émetteur ne doit être installé à proximité d'aucune autre antenne ni d'aucun autre émetteur, et ne doit être utilisé conjointement à aucun autre de ces appareils.

Australia and New Zealand



Brazil



Nota: Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

CE Marking

CE marking on this product represents the product is in compliance with all directives that are applicable to it.



Country List



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

BFWA (Broadband Fixed Wireless Access) members noted in blue



Note: This device meets Max. TX power limit per ETSI regulations.

The following apply to products that operate in the 5 GHz frequency range:



Note: This device is restricted to indoor use only when operating in the 5150 - 5350 MHz frequency range within all member states.



Note: All countries listed may operate at 30 dBm. BFWA member states may operate at 36 dBm.

Note: Operation in the 5.8 GHz frequency band is prohibited in BFWA member states. Other countries listed may use the 5.8 GHz frequency band.



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[WEEE Compliance Statement](#)

[Declaration of Conformity](#)

Online Resources



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