Our social responsibility includes conducting business in a manner that minimizes our ecological impact on the environment and reducing waste in our supply chain. To that end, the Quick Start Guide and Safety Manual are available at www.arista.com.

Getting Started
Instructions on getting started with your new access point, including installation and initial configuration instructions, are available at http://www.arista.com/en/support/product-documentation

Other documents available at this location include:
You can access Arista documentation at https://www.arista.com/en/support

Documents available at this location include:
• Wireless Manager Appliance Quick Start Guide
• Safety and Compliance Guide
• WiFi Regulatory Compliance Statements
• User Manual

You may also download current software, as well as view FAQs, Warranty Information, Knowledge Base articles, Security Advisories, Software Licenses, and Field Notices at https://www.arista.com/en/support

Receiving and Inspecting the Equipment
Upon receiving the access point, inspect the shipping boxes and record any external damage. Retain the packing materials if you suspect that part of the shipment is damaged; the carrier may need to inspect them. If the boxes were not damaged in transit, unpack them carefully. Ensure that you do not discard any accessories that may be packaged in the same box as the main unit. Inspect the packing list and confirm that you received all listed items. Compare the packing list with your purchase order.

Obtaining Technical Assistance
Customers, partners, resellers, or distributors holding a valid Arista Service Contract can obtain technical support through these sources:

Email: support-wifi@arista.com. This is the easiest way to create a new service request. Include a detailed description of the problem and the output of "show tech-support".

Web: www.arista.com/en/support. A support case may be created through the support portal on our website.

FCC Compliance Statement
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Taiwan NCC Compliance Statement
1.取得審驗證明之低功率射頻器材，非經核准，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。低功率射頻器材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。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材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。
2.應包含無線資訊傳輸設備避免影響附近雷達系統之操作。

PDOC-00200-01

AP-C200 Getting Started Guide

Note: For a fully functional Access Point, please update its firmware to the latest version.

Package Contents

The AP-C200 package must contain the following components.

C-200
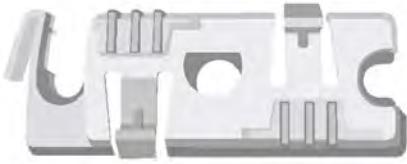
15/16" (24mm)
**Mounting Bracket (MNT-AP-24MM)**

Ceiling Mounting the C-200
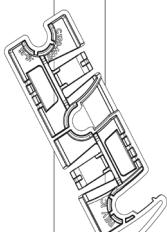
1. Affix bracket to T - Grid.
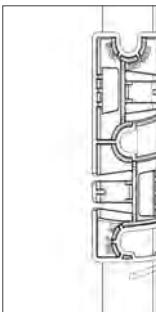
2. Rotate bracket to snap on to T- Grid.
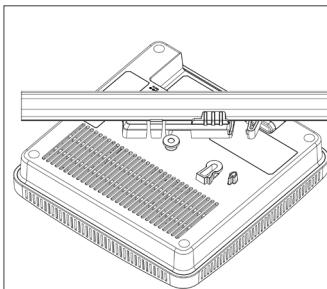
3. Place the first mounting post on the rear-side of the AP on to the lower notch of the bracket.
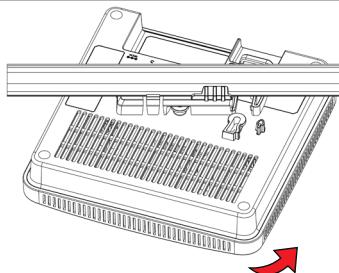
4. Rotate the AP such that the center mounting post fits in to the center notch on the bracket.
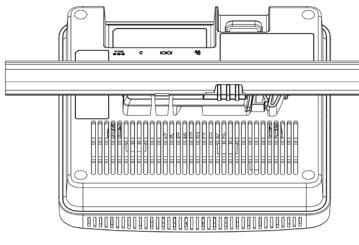

5. Ensure that all the mounting posts on the rearside of the AP are snapped in to the respective notches on the bracket.

Wall Mounting the C-200
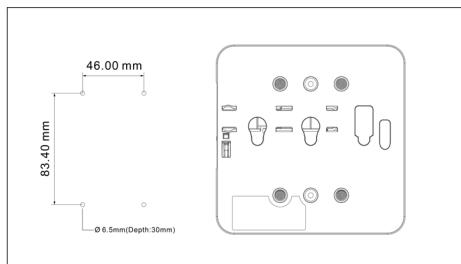
1. Drill four mounting holes in the wall.
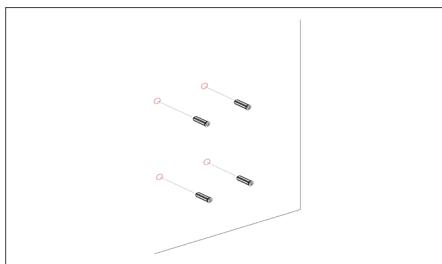
2. Insert four anchors.
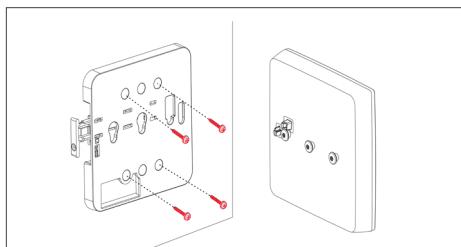
3. Affix mounting bracket on the wall
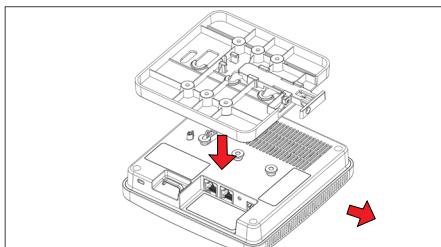
4. Attach AP to the mounting bracket. Pull the release key outward. Attach the AP stubs to the bracket holder ensuring a firm fit.
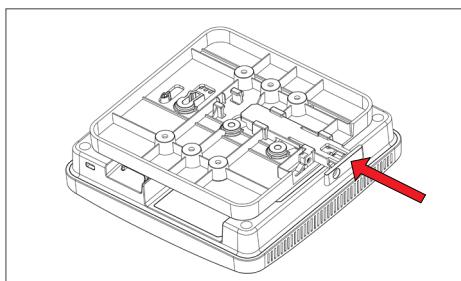
5. Once attached, push in the release key to lock the hooks and make sure all hooks are locked in place.
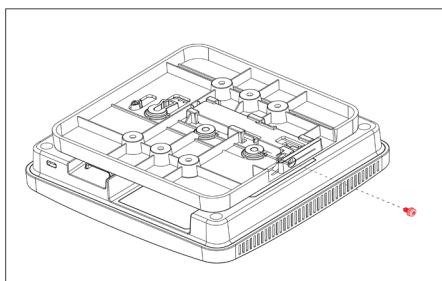
6. Fasten release key screw with a tamper resistant T10 torx screwdriver to lock AP to the bracket.

Note: If needed, the wall mounting accessory SKU (MNT-AP-FLAT-14CM) can be ordered and purchased separately.

Getting the C-200 Online

Step 1: Power up

Plug one end of an Ethernet cable into the PoE (802.3af) switch or injector and the other end into the Ethernet/PoE port (LAN1) on the C-200. Ensure the PoE source you are using is turned ON, or use a compatible power adaptor (Arista SKU: PWR-AP-W3 (12V 2A)) to power the C-200.

Warning: The C-200 is intended to be supplied with UL-listed PoE power source suitable for use at 40ºC, and whose output meets LPS requirements or PS2, with a rating of 48V DC(0.5A minimum). If you are not using PoE, ensure that you use only an AC power adaptor supported by the C-200 access point (AP). This product is intended to be supplied by a Listed Direct Plug-In Power Unit marked "Class 2", Listed Power Adapter or DC power source marked "L.P.S." (or "Limited Power Source") and rated from 12V 1.5A minimum.
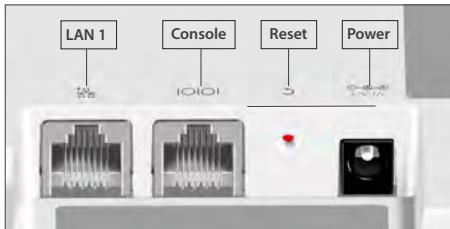
Step 2: Connect to the network

If you are using a PoE injector, make sure the data connection is plugged into a suitable switch port with proper network connectivity.

Step 3: Check the LED status

Power LED: The table below describes the states of the Power LED.

	Green	Orange
Solid	Running normally	NA
Blinking	Received IP address, but not connected to the server	Did not receive an IP address

LAN1 LED: ON when the interface is up.

Radio LEDs: ON when the corresponding radio is operational.

Troubleshooting

1. Check whether the Ethernet cable is plugged into the correct port (PoE) on the AP and the other end of the cable is plugged into an Ethernet jack or port on a switch that is turned ON.

2. If the AP did not receive a valid IP address from the DHCP server, check whether the DHCP server is ON and available on the VLAN/subnet to which the AP is connected. If the AP still fails to get a valid IP address, reboot the AP by pressing the reset button to see if the problem gets resolved.

3. If you are using Arista Cloud Services, then open the TCP port 443 (SSL). If you have an on-premises installation, then open the ports UDP 3851 and port 80. If you are using a Proxy, Web Accelerator or URL Content Filter in between the AP and the Internet, ensure that the settings allow communication between the AP and Arista Cloud Services. If your configuration requires you to specify an exact IP address or IP range for Arista Cloud Services, please contact Technical Support.

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

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

Indoor Models (C-230/C-230E, C-250. C-260 and others): The device is for indoor use only. Supported in 2412~2462, 5180~5240, 5260~5320, 5500~5720, 5745~5825MHz and operation in the 2412-2462, 5180~5240, 5260~5320, 5500~5720, 5745~5825MHz bands are restricted to indoor usage only.
This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.
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 **25cm** between the radiator & your body.

Professional Installation Instruction for Outdoor Models

1. **Professional installer**: this product is designed for specific application and needs to be installed by trained personnel. The general user shall not attempt to install or change the setting.

2. **External Antenna**: use only the antenna(s) that have been approved by the manufacturer. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power that may lead to the violation of FCC limit and is prohibited.

3. **Warning**: Please carefully select the installation position and ensure that the final output power does not exceed the limit set forth in relevant rules.

Industry Canada Statement

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada' s license-exempt RSS(s). 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.

L' émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d' Innovation, Sciences et Développement économique 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, meme si le brouillage est susceptible d' en compromettre le fonctionnement.

Caution:

(i) 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;

(ii) Where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.

Avertissement:

Le guide d'utilisation des dispositifs pour réseaux locaux doit inclure des instructions précises sur les restrictions susmentionnées, notamment :

(i) 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;

(ii) lorsqu'il y a lieu, les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, énoncée à la section 6.2.2.3, doivent être clairement indiqués.

IMPORTANT NOTE:

IC Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance **32cm** between the radiator & your body.

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 **32cm** de distance entre la source de rayonnement et votre corps.

The transmitter module may not be co-located with any other transmitter or antenna.

Le module émetteur peut ne pas être coïmplanté avec un autre émetteur ou antenne.

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

The Country Code Selection feature is disabled for products marketed in the US/Canada.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other

channels is not possible.

Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

EXTERNAL ANTENNA MODEL SPECIFIC REQUIREMENTS
C-230E

This radio transmitter [IC: 8252A-C230] 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 [IC: 8252A-C230] 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. 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.

Model	Antenna Type	Model Number	Antenna Gain (dBi)
C-230E	Dipole	98619PRSX020	2.4GHz : 2.70 5GHz : 5.23
	Dipole	98619PRSX020	2.4GHz : 2.70 5GHz : 5.23
	Dipole	98619PRSX020	2.4GHz : 2.70 5 GHz : 5.23
	Dipole	98619PRSX020	2.4GHz : 2.70 5GHz : 5.23
	Dipole	98619URSX002	5GHz : 5.32
	Dipole	98619URSX002	5GHz : 5.32

O-235E

This radio transmitter [IC: 8252A-C230] 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 [IC: 8252A-C230] 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. 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.

Model	Antenna Type	Model Number	Antenna Gain(dBi)
O-235E	Dipole	5718A0394300	2.4GHz：5.5 5GHz：7.2
	Dipole	5718A0394300	2.4 GHz：5.5 5 GHz：7.2
	Dipole	5718A0394300	2.4 GHz：5.5 5 GHz：7.2
	Dipole	5718A0394300	2.4 GHz：5.5 5 GHz：7.2
	Dipole	5718A0137300	5 GHz：6.3
	Dipole	5718A0137300	5 GHz：6.3

O-105E

This radio transmitter [IC: 4491A-WP9333] 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 [IC: 4491A-WP9333] 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. 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

Antenna Type	Model Number	Antenna Gain(dBi)	Remark
Dipole	5718A0394300	5.5/7	For 2.4GHz/5GHz

CE Compliance Statement

This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 32cm between the radiator & your body.
The frequency and the maximum transmitted power (dBm) in EU are listed below:

	2412-2472 MHz	5150-5250 MHz 5G UNII-1	5350-5470 MHz 5G UNII-2	5470-5725 MHz 5G UNII-2E	5725-5850 MHz 5G UNII-3
W-118	19.40	22.30	22.10	28.90	13.40
C-250	19.86	22.90	22.97	29.93	13.72
C-260	19.86	22,90	22.97	29.93	13.72
C-230	19.91	22.64	29.86	29.86	13.96
C-230E	19.74	22.69	22.62	29.77	13.36

O-235	19.78	-	-	29.71	13.82
O-235E	19.92	-	-	29.71	13.91

	2412-2472 MHz	5180-5240 MHz	5260-5320 MHz	5500-5700 MHz	5745-5825 MHz
C-200	19.96	22.98	22.94	29.95	13.95

Indoor product (C-230, C-230E, C-250, C-260, C-200, and others):
The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

Mexico-IFETEL Statement

La operación de este equipo está 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 operación no deseada.

Hong Kong Statement

This equipment is restricted to indoor operation in 5.15 – 5.35 GHz in Hong Kong.

Japan Statement

この装置には、電波法に基づく技術規則適合証明書の認定を受けた特定の無線装置が含まれています。

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

Taiwan NCC Statement

1.取得審驗證明之低功率射頻器材，非經核准，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。低功率射頻器材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。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材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。
2.應包含無線資訊傳輸設備避免影響附近雷達系統之操作。

Outdoor Model Specific Requirement (O-235, O-235E, O-105, O-105E)

本器材須經專業工程人員安裝及設定，始得設置使用，且不得直接販售給一般消費者。

Taiwan RoHS Statement

Taiwan RoHS information covered by this guide.
For Taiwan BSMI RoHS Table, go to https://www.arista.com/assets/data/pdf/AristaBSMIRoHS.pdf.

UL Electrical Hazard Compliance information

Ground Connection Required

Users shall not remove the ground pin of a power cord. This ground plug is a protective earthing used as a SAFEGUARD, as a means via a power cord to a socket-outlet with earthing connection.

Indoor Access Points

This equipment is to be connected to PoE networks or external ac adaptor without routing to the outdoor location.

Outdoor Access Points

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, protective grounding 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.