Edge-core SS-W2-AC2600 Cloud-Enabled Indoor and Outdoor Access Point User Guide

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    - Connect a PC to the AP’s ETH2 port

- Access the web interface using the default IP address (192.168.2.1)
- Login with default credentials (Login Name: root, Password: admin123)

FAQs

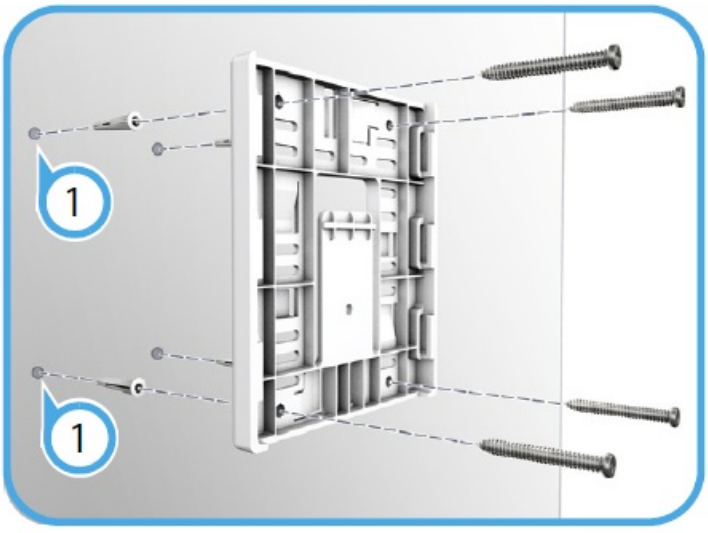
- **Q: How do I reset the AP to factory settings?**
  - **A:** Press and hold the reset button on the AP for 10 seconds to reset it to factory settings.
- **Q: Can I use this AP for outdoor installations?**
  - **A:** This Cloud-Enabled Indoor/Outdoor Access Point can be used for indoor and outdoor installations.

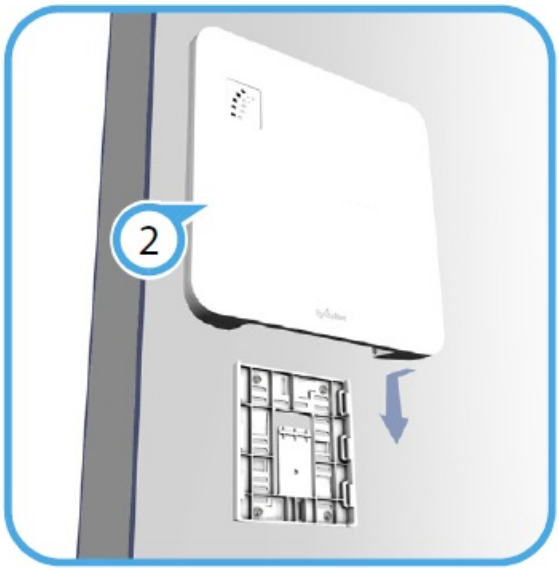
Unpack the AP

- SunSpot™ Wave2 AC2600
- Wall/Ceiling mounting bracket and securing screw
- Wall-mount kit — 4 screws, 4 wall plugs
- Universal AC/DC power adapter

Mount the AP

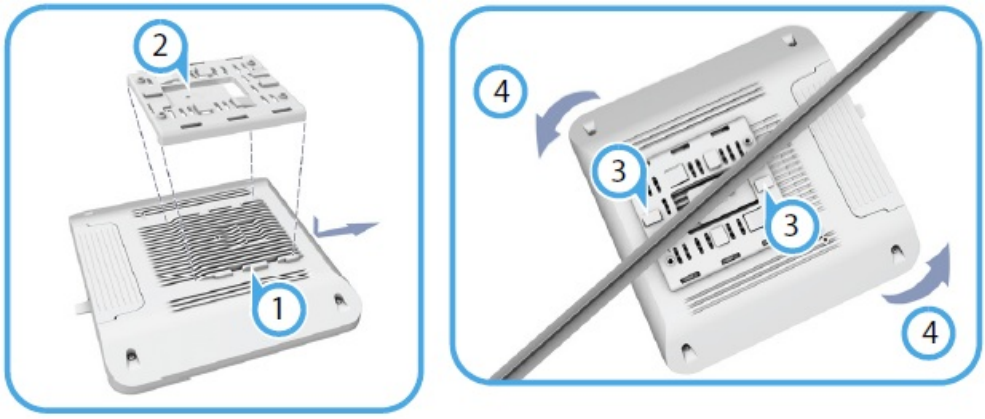
- **a.** Mounting the AP on a Wall





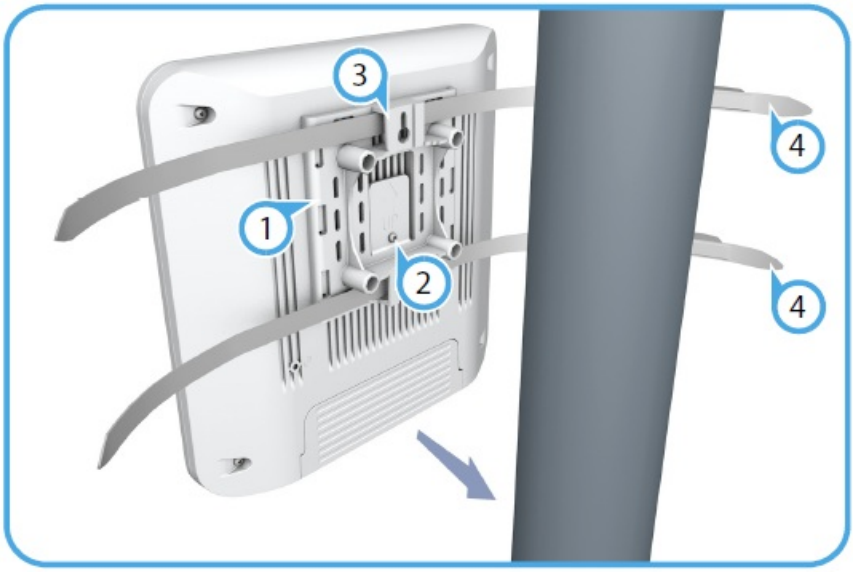
1. At the installation location on the wall, use the wall/ceilingmount bracket to mark four holes for the wall plugs and screws (included in the wall-mount kit). Drill four holes for the wall plugs, and then insert the plugs and tap them flush with the wall surface. Use the four screws to secure the bracket to the wall.
2. With its ports facing down, place the AP over the bracket flanges and then slide it down until it snaps into its secured position. Do not let go of the AP until you confirm that it is secure.

- **b.** Mounting the AP on a Ceiling



1. Place the wall/ceiling-mount bracket over the mounting flanges on the back of the AP, and then slide it up until it snaps into its secured position.
2. Use the included screw to secure the bracket to the AP.
3. Press the retention clips of the wall/ceiling-mount bracket against the ceiling T-bar.
4. Rotate the AP until the T-bar snaps into place.
    - **Note:** The wall/ceiling-mount bracket supports two different sizes of suspended ceiling T-bars. The position illustrated above is for 15 mm bars. Use the position at a 90 degrees angle for 24.5 mm bars.

- **c.** Mounting the AP on a Pole (requires optional pole-mount kit)



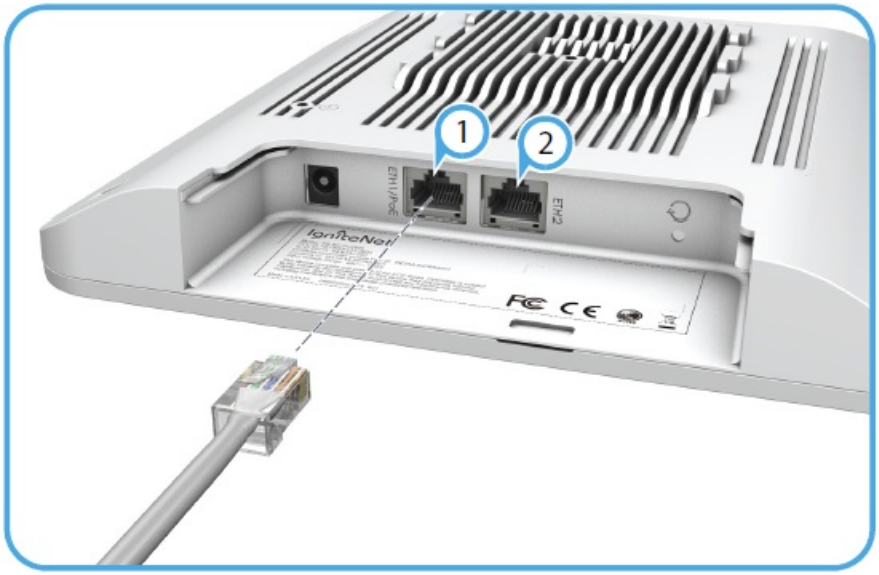
1. Attach the pole-mount bracket to the back of the AP.
2. Use the included screw to secure the bracket to the AP.
3. Feed the two steel-band clamps through the pole-mount bracket mounting points.
4. Fasten the steel-band clamps around the pole to secure the AP to the pole.

Connect Cables

- **a.** Using the AC/DC Power Adapter

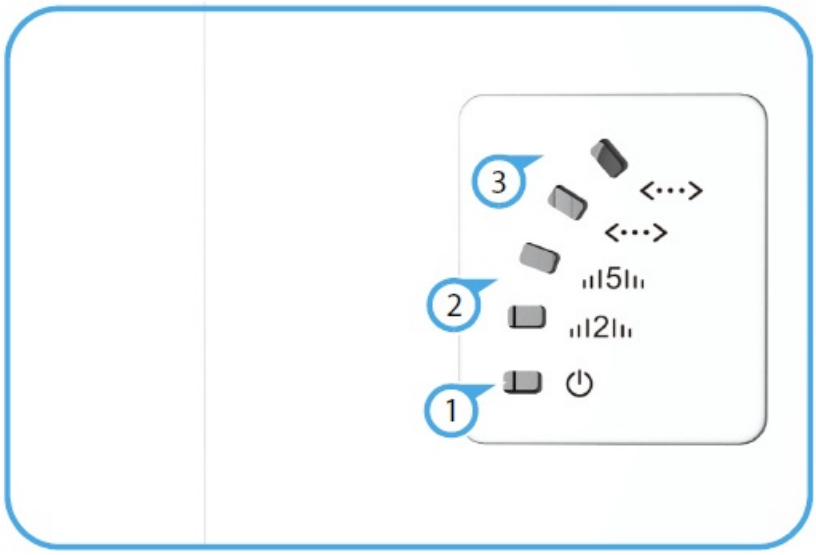
1. Connect the cable from the AC/DC power adapter to the DC power jack on the AP.
2. Connect the power adapter to a nearby AC power source (100-240 VAC, 50/60 Hz). Connect Category 5e or better cable to the ETH1/PoE RJ-45 port.
3. Connect the other end of this cable to a LAN switch. (Optional) Connect local LAN devices to the other RJ-45 port on the AP using Category 5e or better cable. This 1000BASE-T port is labeled ETH2.

- **b.** Using a PoE Power Source



1. Connect Category 5e or better cable to the ETH1/PoE RJ-45 port, and the other end of this cable to an 802.3af PoE LAN switch.
2. (Optional) Connect local LAN devices to the other ETH2 RJ-45 port on the AP using Category 5e or better cable.

Verify AP Operation



1. The power LED should be on amber.
2. During normal operation, the wireless LEDs should be on/ blinking green.
3. The ETH1/PoE port link/activity LED should be on/blinking green. When connected, the ETH2 port link/activity LEDs should also be on/blinking green.

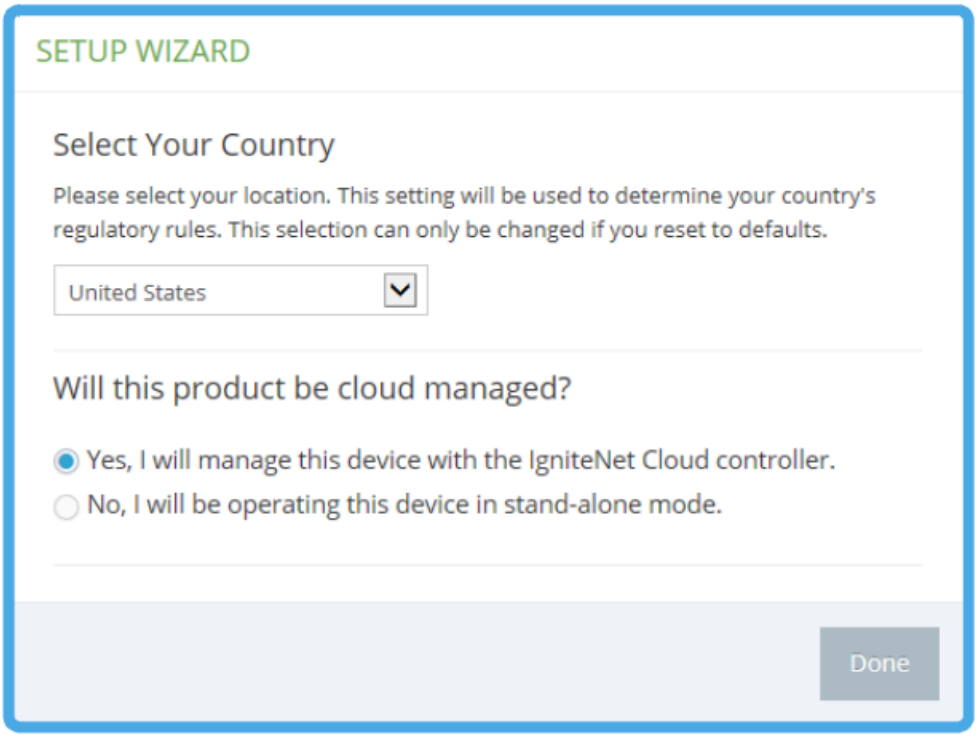
Connect to the Web User Interface

- To access the web interface, connect a PC directly to the AP's ETH2 RJ-45 port. In a web browser, enter the AP's default management IP address of 192.168.2.1 to access the web login page.
- If you want to connect to the web interface using the ETH1/PoE port, the IP address is automatically assigned through DHCP by default. If a DHCP server is unreachable, the ETH1/PoE port reverts to a fallback IP address of 192.168.1.20.

- **Log in to the web interface using the default settings:**
  - **Login Name** — root
  - **Password** — admin123
  - **Note:** To reset the AP to factory default settings, press and hold down the AP's Reset button for 5

seconds.

Complete the Setup Wizard



Select the country of operation for the AP. Setting the correct country ensures that the radios operate within local regulations specified for Wi-Fi networks.

Manage the AP with the IgniteNet Cloud Controller

- Go to cloud.ignitenet.com to register your AP.
- Log in and select Devices from the menu. Click Add Device and enter the AP serial number and MAC address to register the AP with your cloud network.
- The serial number and MAC address can be found on the product packaging or label.

Manage the AP in Stand-Alone Mode

- If you select to manage the AP in stand-alone mode, use the web interface to manually make your configuration changes.
- For more information on AP configuration in stand-alone mode, refer to the HeliOS User Manual, which can be downloaded from **ignitenet.com/support**.

FCC

Safety and Regulatory Information FCC Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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 the 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

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.

For products available in the USA/Canada market, only channels 1–11 can be operated. Selection of other channels is not possible.

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 a minimum distance 45 cm between the radiator and your body.

Industry Canada

This device complies with Industry Canada license-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.

For products available in the USA/Canada market, only channels 1~11 can be operated. Selection of other channels is not possible. Dynamic Frequency Selection (DFS) for devices operating in the bands 5250- 5350 MHz, 5470-5600 MHz, and 5650-5725 MHz. 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.

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 a minimum distance of 20 cm between the radiator and your body.

CE Statement

This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This

equipment should be installed and operated with a 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.
All operational modes:

- **2.4 GHz:** 802.11b, 802.11g, 802.11n (HT20), 802.11n (HT40)
- **5 GHz:** 802.11a, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80), 802.11ac (VHT160)

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

- **2412-2472 MHz:** 20 dBm
- **5150-5350 MHz:** 23 dBm
- **5500-5700 MHz:** 30 dBm

The abbreviations of the countries, as prescribed in the above table, where any restrictions on putting into service or any requirements for authorization of use exist.

Europe – EU Declaration of Conformity

- **Hereby, IgniteNet Inc. declares that the radio equipment type:** SunSpot™ Wave2 AC2600 complies with Directive 2014/53/EU.
- **The full text of the EU Declaration of Conformity is available at the following internet address:** **www.ignitenet.com** -> support.

Japan Statement

- 5 GHz band (W52, W53): Indoor use only

Warnings and Cautionary Messages

- **Warning:** This product does not contain any serviceable user parts.
- **Warning:** Installation and removal of the unit must be carried out by qualified personnel only.
- **Warning:** When connecting this device to a power outlet, connect the field ground lead on the tri-pole power plug to a valid earth ground line to prevent electrical hazards.
- **Caution:** Wear an anti-static wrist strap or take other suitable measures to prevent electrostatic discharge when handling this equipment.
- **Caution:** Do not plug a phone jack connector in the RJ-45 port. This may damage this device.
- **Caution:** Use only twisted-pair cables with RJ-45 connectors that conform to FCC standards.

Hardware Specifications

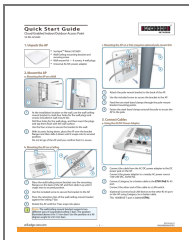
- **Chassis**
  - **Size (L x W x H:)** 218.8 x 223.8 x 32 mm (8.6 x 9.4 x 1.38 in.)
  - **Weight** 850 g (1.87 lb)
  - **Temperature Operating:** -30 °C to 55 °C (-22 °F to 131 °F)

- **Storage:** -40 °C to 70 °C (-40 °F to 158 °F)
- **Humidity Operating:** 10% to 90% (non-condensing)

- **Network Interfaces**
  - **Ports ETH1/PoE Port:** 1000BASE-T, 802.3af PoE
  - **ETH2 Port:** 1000BASE-T
  - **2.4 GHz Radio** IEEE 802.11b/g/n
  - **5 GHz Radio** IEEE 802.11a/n/ac
  - **Radio Frequencies** 2412–2472 (FCC, IC, CE, AU, MIC, NCC, SRRC) 5150–5250 (FCC, IC, CE, AU, MIC, NCC, SRRC)5250–5350 (CE, MIC, AU) 5470–5725 (CE, MIC, AU) 5725–5850 (FCC, IC, NCC, AU, SRRC)
- **Power Supply**
  - **AC Power Adapter Input:** 100-240 VAC, 50-60 Hz, auto-sensing
  - **Output:** 12 VDC, maximum 2.0 A
  - **802.3at PoE (Eth0)** IEEE 802.3at PSE
  - **Power Consumption** 24 W maximum
- **Regulatory Compliances**
  - **Radio** EN300 328 V2.1.1(2016-11) EN301 893 V2.1.1(2017-03) 47 CFR FCC Part 15.247 47 CFR FCC Part 15.407 IC RSS-247 IC RSS-247 Issue 1 AS/NZS 4268: 2009
  - **Emissions** EN 301 489-1 V2.2.1 (2017-02) EN 301 489-17 V3.1.1 (2017-02) EN 55032:2012/AC2013 EN 55024:2010 AS/NZS CISPR 32:2013,Class B 47 CFR FCC Rules and Regulations Part 15 Subpart B, Class B Digital Device Canada Standard ICES-003, Issue 6, Class B
  - **Manufacturer** Accton Technology Corporation 1, Creation 3rd Rd., Hsinchu Science Park, Hsinchu 30077, Taiwan, R.O.C

wifi.edge-core.com.

Documents / Resources

	Edge-core SS-W2-AC2600 Cloud-Enabled Indoor and Outdoor Access Point [pdf] User Guide SS-W2-AC2600, SS-W2-AC2600 Cloud-Enabled Indoor and Outdoor Access Point, Cloud-Enabled Indoor and Outdoor Access Point, Indoor and Outdoor Access Point, Outdoor Access Point, Access Point, Point

References

- ecCLOUD Controller
- Edgecore Wi-Fi
- IgniteNet | We provide the easiest and lowest cost solutions to grow your wireless network
- User Manual