The AP4000 and AP4000U access points have the following features:

- **Two Ethernet ports** - Eth0 and Eth1
- **One micro USB console port**
- **Power Draw:**
  - Ultra-wideband (UWB) support on AP4000U
  - Relative humidity: 0% to 95% non-condensing
- **Gigabit Ethernet port** (RJ45 power input pins: Wires 4,5,7,8 or 1,2,3,6)
- **Fast-blinking amber:** The device is upgrading its IQ Engine firmware.
- **Slow-blinking amber:** The device has no CAPWAP connection to ExtremeCloud IQ, and is operating on 802.3af power instead of 802.3at power.
- **Slow-blinking white:** The device has a CAPWAP connection to ExtremeCloud IQ, but is operation on 802.3af power instead of 802.3at power.
- **Steady white:** The device has successfully established a Control And Provisioning of Wireless Access Points (CAPWAP) connection to ExtremeCloud IQ and is operating on 802.3at power.
- **Stealth white:** The device has successfully established a Control And Provisioning of Wireless Access Points (CAPWAP) connection to ExtremeCloud IQ and is operating in stealth mode.

Install the Access Point

### Electrical Hazard

Only qualified personnel must perform installation procedures.

#### Install the Access Point on a Standard Ceiling Rail

The AP4000 and AP4000U access points can be installed on a standard ceiling rail as follows:

1. Remove the ceiling grid.
2. Align the ceiling grid with the rail in such a way that the metal mesh grid is parallel to the sides of the rail.
3. Secure the access point to the rail using the supplied screws.

#### Install the Access Point on a Non-Standard Ceiling Grid or a Wall

The access point can be installed on a non-standard ceiling grid or a wall using the AH-ACC-BKT-AX bracket. For detailed non-standard ceiling grid or wall installation instructions, refer to the ExtremeWireless AP4000 Access Points Installation Guide.

Table 2: Contents of the AP4000 Box

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12V 1.5A power brick</td>
</tr>
<tr>
<td>USB cable</td>
</tr>
<tr>
<td>Ethernet cap accessory</td>
</tr>
</tbody>
</table>

Table 3: AH-ACC-BKT-AX bracket parts description

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Mounthing holes for wall mounting</td>
</tr>
<tr>
<td>3 White dot in the AH-ACC-BKT-AX-B bracket</td>
</tr>
</tbody>
</table>

Table 4: Non-standard ceiling grid and wall accessories information

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting bracket for standard ceiling grids and walls</td>
</tr>
<tr>
<td>Mounting bracket for interlude ceilings and walls</td>
</tr>
<tr>
<td>Mounting bracket for suprafine 9/16 in. ceilings and walls</td>
</tr>
</tbody>
</table>

Antenna Information

- The access points have internal antennas:
  - 2 dual-band 2.4/5 GHz antennas
  - 2 6G band antennas
  - 2 scanning 2.4/5.75 GHz antennas
  - 1 BLE antenna
  - 1 USB antenna for AP4000U only

Professional Installation Instruction

Installation personnel

This product is designed for specific applications and needs to be installed by a qualified technician or IT network administrator. The general user should not attempt to install or change the settings.

Installation procedure

Refer to the ExtremeWireless AP4000 Access Point Installation Guide.

**Warning:** The installation must ensure that the output power does not exceed the limit set forth in relevant rules. The violation of the rule could lead to serious federal penalties.

**Instructions d’installation professionnelle**

Cette pièce est destinée à un usage spécifique et doit être installée par un personnel qualifié maitrisant les radiofréquences et les règles s’y rapportant. L’installation et les réglages ne doit pas être effectué par un utilisateur final.

**Procedure d’installation**

Consulter le manuel d’utilisation ExtremeWireless AP4000 Access Point Installation Guide.

**Avertissement:** Choisir avec soin l’installation et les réglages, car le non-respect de ces limites peut entraîner des sanctions pénales sérieuses.
### Regulatory and Compliance Information

**Safety Guidelines**

This section contains information that you should pay close attention to ensure your personal safety when installing or operating the equipment.

**Qualified Personnel**

- **Electrical Hazard:** Only qualified personnel must perform installation work. Failure to follow these instructions causes serious injury and/or equipment damage.
- **Information:*** The equipment must be installed and operated in accordance with the equipment's installation guide and in consultation with product or installation engineers in accordance with local rules.

#### Federal Communication Commission Interference Statement

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 this equipment will not at any particular installation cause interference. If this equipment causes 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.

This device is intended for indoor use only. This equipment may only be installed indoors. Operation outdoors is in violation of 47 U.S.C. 301 and could subject the operator to serious legal penalties.

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

**Warning:**

- For Japan, AP4000 access point is restricted for indoor use in the 5150-5350 MHz band only.

**Japan Voluntary Control Council for Interference (VCCI) - Class B**

This equipment is designed to meet the requirements of VCCI Class B. For more information about VCCI compliance, please contact Extreme Regulatory Compliance at compliancerequest@extremenetworks.com

**Europe Union (EU) Radiation Warning Statement**

Warning: This is a class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

**Declaration of Conformity in Languages of the European Community**

English: Extreme Networks declares that the radio equipment type (AP4000) is in compliance with Directive 2014/53/EU. For full text of the EU Declaration of Conformity, please contact Extreme Regulatory Compliance at compliancerequest@extremenetworks.com

**Japanese Indoor Use Statement**

This equipment is designed for indoor use only. It is unlawful to use this equipment outdoors. This equipment is prohibited for outdoor use as per 47 U.S.C. 301 which can result in fines or imprisonment. The owner/user is responsible to adhere to local laws and regulations.

**European Countries**

- **Austria**: Die Bedienung dieses Gerätes ist nur für die Installation in geschlossenen Räumen zugelassen. Der Benutzer muss sich an die örtlichen Bestimmungen halten. Merkel für die korrekte Einhaltung die Haftung.
- **Belgium**: Le fonctionnement de cet appareil est exclusivement réservé à l'intérieur. L'utilisateur se conformera aux dispositions légales applicables.
- **Bulgaria**: Този уред е предназначен само за интериорно използване. Изпълнителността му външно е незаконна.
- **Czech Republic**: Tento přístroj je určen pouze pro vnitřní použití. Není dovoleno jeho použití venku.
- **Denmark**: Funenudstyr, der er beregnet til interiørtildeling. Det er ikke tilladt at drive det udendørs.
- **Estonia**: Selle seadmet kasutamine on vaid sisemiseks äänedesi.