

Extreme Wireless 802.11be Wi-Fi 7 Weatherized AP5060D and AP5060U

Overview of AP5060D and AP5060U

The AP5060D and AP5060U are weatherized APs with quad radio Wi-Fi 7 (4x4:4) (2.4 GHz, 5 GHz, 6 GHz and dedicated full time sensor), dual IoT, dual 5 GHz, dual 6 GHz. They have multi-rate port and directional antennas (20 or 70 degrees).

The AP5060D and AP5060U can be mounted on a pole, a Unistrut or a wall with the following brackets:

- KT-147407-02 for use on a pole
- KT-150173-01 extension arm when no tilt is needed
- MBO-ART03 has +/- 80-degree, 2-axis tilt and variable 7 inches to 10 inches extension
- ACC-MBO-KT-AX

Technical Specifications

Fig. 1 AP5060D and AP5060U



The AP5060D and AP5060U have the following features and specifications. For more information, see [the Data Sheet](#).

Radios

The AP5060D and AP5060U have a quad-radio design with three 4x4:4 radios (2.4 GHz, 5 GHz, and 6 GHz bands), a dedicated 2x2 sensor and dual IoT radios with Bluetooth, Zigbee, and Thread capabilities.

Operational Modes:

Mode 1: 2.4 GHz /5 GHz/6 GHz data radios and 2x2 sensor.

Mode 2: Dual 5 GHz, 6 GHz data radios and 2X2 sensor.

Mode 3: 5 GHz, Dual 6 GHz data radios and 2X2 sensor.

*6 GHz is country dependent.

Ports

- ETH0, ETH1: (2) wired Ethernet ports (RJ45).
- ETH0: 100/1000/2500/5000/10000 Mbps autosensing link speed Ethernet port, PoE PD.
- ETH1: 100/1000/2500/5000/10000 Mbps autosensing link speed Ethernet port, PoE, PD in or 15.4W PSE out mode (requires 802.3bt on Eth0)
- 802.3az Energy-Efficient Ethernet (EEE)

Security

- Trusted Platform Module (TPM)

Power Options

The following power options are supported:

- Power Draw: 802.3at PoE - Typical 21W; Max: 25.5W
- Power Draw: 802.3bt PoE - Max: 28W
- PoE Failover

Physical Dimensions

AP5060D

- Dimensions: 288 mm x 483 mm x 87 mm (11.3in. x 19.0in. x 3.4in.)
- Weight: 4.3 kg (9.59 lbs)

AP5060U

- Dimensions: 288 mm x 254 mm x 75 mm (11.34 in. x 10.0in. x 2.95in.)
- Weight: 3.05 kg (6.72 lbs)

Internal Antennas

AP5060U:

- Four 2.4 GHz and 5 GHz; Four 6 GHz; Four 5 GHz and 6 GHz; Dual IoTs radios; One GPS

AP5060D:

- Four 2.4 GHz. Wide Beam four 5 GHz, four 6 GHz, four 5/6 GHz.
- Narrow Beam four 5 GHz, four 6 GHz, four 5/6 GHz.

- Dual IoT radios; One GPS
- Environmental Specifications**
- Operating: -40°C to 60°C (-40°F to 140°F) w/ solar load
 - Operating: -40°C to 70°C (-40°F to 158°F) w/o solar load
 - Storage/Transportation: -40°C to 70°C (-40°F to 158°F)
 - Humidity: 0% to 95% (non-condensing)
 - Wind rating: 266 km/h (165 Mph) sustained wind
- Enclosure:** Plastic Top, Aluminum Bottom.

Fig.2 AP5060D and AP5060U Ports



Table 1. AP5060D and AP5060U Ports and Connections

Item	Port	Description
1	Ground	A ground terminal for lightning protection.
2	Vent	
3	ETH1	Ethernet port.
4	ETH0	Ethernet port.
5	Console	Micro USB console port for a serial connection between your management system and the AP. Use the port for troubleshoot the AP.

Box Contents

Confirm the following items shipped with your AP before you begin the installation. Contact your dealer if any items are damaged or missing.

Table 3. Box contents

Quantity	Item
1	AP5060D or AP5060U
1	Regulatory guide
1	Hardware bag with grounding lug and star washer (1 ea.)
1	Bag with two (2) Cat6A LAN gaskets.
1	AP5060D only - Hardware box for service panel parts.
1	RJ45 removal tool for Cat5 and Cat5E plugs.

Micro USB Console Port

Through the console port, you can make a serial connection between your management system and the access point.

Use the SKU ACC-WIFI-MICROUSB if you need to order the Micro USB cable. The console port can only be used with the Extreme Networks console cable. You will damage the AP if you use another cable.

Status LED Activity

The AP5060D and AP5060U has a LED on top of the chassis. It shows the operational states for power, firmware updates, Ethernet and wireless interface activity, and alarms.

Table 4. ExtremeCloud IQ LED Activity

LED	Description
Dark	Power is off.
Solid white	The device power is on and the AP is ready to use. The device has successfully established a Control And Provisioning of Wireless Access Points (CAPWAP) connection to ExtremeCloud IQ and is operating normally.
Solid amber:	The device power is on and the access point is in boot up mode, or is running without a CAPWAP connection.

Fast-blinking amber The IQ Engine firmware is updating.

Table 5. ExtremeCloud IQ Controller Status LED Activity

LED	Description
Dark:	Power is off or the AP is taken over by the controller. Configuration pushes down to AP from controller to turn off the LED.
Solid white	The AP is starting up or is already taken over by the controller.
Flashing white:	Configuration pushes down to AP from controller helping the user locate the AP by sight.
Solid amber	A firmware upgrade is occurring.
Fast-blinking amber	The AP is acquiring the DHCP IP.

Install the AP5060U Under a Seat

The AP5060U is used with the EIO-04 mounting kit for under-seat installation.

The EIO-04 under-seat mounting kit can be installed on:

- A slope
 - A flat horizontal surface such as stadium floor
 - A flat vertical surface such as stadium riser
- For stadium riser installations, note the following items:
- If the service panel base extends above the stadium riser, seal or cover the EIO-03-SP Service panel openings to prevent material from entering.
 - Leave approximately 1-inch between the outdoor access point bottom and the floor. The gap will ensure that water that on the exterior surface drips away
 - When you mount the AP on a riser with the metal "L" bracket only and not with a large metal sloping bracket, it is recommended that you add a 3mm-thick stainless steel washer between the "L" brackets and the riser on all of the anchors. The washer provides proper drainage during storms

Attach the Metal Sloping Bracket on a Slope

1. Using the metal sloping bracket as a template, mark and drill two holes in the concrete.
2. Insert the anchors without the nuts and washers.
3. If using EIO-GASKETS, install the two EIO-GASKETS on the left and right side of the access point. The two gaskets keep the area under the access point free of debris and large objects.
4. Place the metal sloping bracket, attach the nuts and washers to the exposed threads, and torque them to 60 in-lbs.

Install the EIO-04 Under-Seat Slope Bracket and the Access Point

Obtain the following items:

- One (1) AP5060U
- Six (6) 10mm long M6 screws with integral washers

- Four (4) 75 mm service panel shoulder screws
- Two (2) anchor posts
- Four (4) 3mm stainless steel washer to be used as a spacer for drainage.
- Two (2) flat washers for anchors
- Two (2) lock washer for the anchors
- One (1) metal "L" bracket
- One (1) plastic service panel base
- One (1) plastic service panel top with captive screw
- One (1) metal sloping bracket
- Four (4) service panel metal conduit coupler plates, two blanks, one 3/4-inch NPT, and one 1/2-inch NPT.
- Four (4) slope metal conduit coupler plates, two blanks, two 3/4-inch NPT, and two 1/2-inch NPT.

Attach the conduit cable through the conduit holes on the metal sloping bracket, then attach the metal L bracket to the access point, and install the access point on a surface.

1. Attach the conduit couplers to the conduit.
2. Remove the locking nut.
3. Insert a blank conduit cover over the conduit hole in the slope for the conduit hole that is not used.
4. If you are using the left side conduit hole on the metal sloping bracket, attach the correct size conduit cover to the conduit hole. You can use an 1-inch NPT, 3/4-inch NPT, or 1/2-inch NPT on the EIO-04.



Note: If you're using a 3/4 inch NPT or 1/2 inch NPT, use the conduit cover that comes with the unit to cover the conduit hole. If you're using 1 inch NPT conduit, a conduit tab is not required.

5. Tighten the locking nut.
6. If you are using the conduit hole in the slope, attach the conduit coupler and the locking nut directly to the slope conduit hole. The conduit must be 1 in. in diameter to attach the conduit coupler and the nut directly in the slope.
7. Repeat Step 4 for the right side if you are using the right side conduit hole in the slope.
8. Run the cable through the conduit and add the RJ45 connectors to the wires. The cable should have a minimum of 1-inch bend radius and be accessible to the glands on the AP5060U.
9. Attach the metal L bracket to the access point:
 - Attach the metal "L" bracket to the gland side of the access point using two M6 screws.
 - Torque the screws to 35 in-lbs.
10. Install the access point on the slope:
 - Align and center the alignment holes of the access point and the right side tab holes, and attach the access point to the tabs using two M6 screws. Attach the gland side of the access point, that has the "L" bracket to the metal sloping bracket using two M6 screws. Push the access point to the rear as far as it will go. Torque the screws to 35 in-lbs.

Install the Access Point on a Flat Surface Using EIO-04 Brackets



Note: When installing the access point flat against a surface in a location that uses ice melt, the best practice is to apply an anti-seize material to all screw threads before attaching them to the access point metal base.

Obtain the following items:

- One (1) AP5060U
 - Four (4) M6 screws with integral washers
 - Four (4) 75 mm service panel shoulder screws
 - Two (2) metal "L" bracket
 - One (1) plastic service panel base
 - One (1) plastic service panel top with one captive screw
 - Four (4) concrete anchors with nuts, washers, anchor posts, and anchor sleeves
1. Attach an EIO-04 metal "L" bracket on each side

- of the access point using two M6 screws for each bracket.
2. Torque the M6 screws to 35 in-lbs.
3. Use the metal “L” brackets as a template, mark four hole centers, and drill in the concrete.
4. Insert four concrete anchors into the holes without the washers and nuts.
5. Place the metal “L” bracket over the threaded anchor posts and put on the flat-washer, the spring washer, and the nut on each anchor.
6. Torque the nuts that go into the concrete anchors to 60 in-lbs.

Install the Access Point on a Wall or Flat Surface with the KT-147407-02 Bracket

Obtain the following items:

- The flat part of the KT-147407-02 bracket
- One (1)-axis tilt part of the KT-147407-02 bracket
- One(1) access point
- Six (6) M6 screws
- Four (4) M6 screws

Use the following information when you install the access point on a wall or flat surface with the KT-147407-02 bracket.

1. Attach the flat part of the KT-147407-02 bracket to the access point using two M6 screws.
2. Using the 1-axis tilt bracket as a template, mark and drill four holes on a wall or on a flat surface.
3. Attach the 1-axis tilt bracket to a wall or flat surface using four M6 headsize screws.
4. Align the 1-axis tilt bracket part inside the flat part of the KT-147407-02 bracket, and attach the flat bracket to the 1-axis tilt bracket using four M6 screws.
5. Tilt the access point to a desired angle and tighten the four M6 screws to a torque of 45 in-lbs. The tilt bracket has 15 degrees of downward tilt.

Install the Access Point Using KT-147407-02 Bracket Parts and KT-150173-01 Extension Arm

Obtain the following items:

- The flat part of the KT-147407-02 bracket
- One (1)-axis tilt part of the KT-147407-02 bracket
- The KT-150173-01 extension arm
- One (1) access point

The KT-150173-01 extension arm is used in combination with the wall and pole bracket parts of the KT-147407-02 bracket if you want a tilt. Install your access point with an extension arm if a standoff distance—but no tilt—is required.

1. Attach the flat part of the KT-147407-02 bracket to the access point using two M6 screws.
2. Using the KT-150173-01 extension arm as a template, mark and drill four hole centers on a flat surface. The holes must be within the circular cuts in the end of the flange.
3. Place the flat part of the KT-147407-02 bracket inside the 1-axis tilt bracket, and attach the 1-axis tilt bracket to the flat bracket using four M6 screws.
4. Attach one end of the KT-150173-01 extension arm to the 1-axis tilt bracket using two hex-head M12 stainless-steel screws and two hex-head M12 stainless-steel nuts through the two large circular holes on the KT-150173-01 extension arm.
5. Attach the KT-150173-01 extension arm, that now has the access point mounted on the other end, to a flat surface using four M6 size hex-head screws. Use screw-in anchors with the four M6 hex-head screws when you mount the bracket on a wood surface and use concrete anchors for concrete surface.

Install the Access Point on a Wall with the MBO-ART03 Bracket

Before you begin

You need the following items:

- One (1) access point
- One (1) MBO-ART03 articulating mounting bracket
- Six (6) M6 hex-head screws: Two (2) M6 hex-head screws for attaching the bracket and the access point; four (4) M6 hex-head screws for attaching the bracket to the wall.
- Two (2) long M6 hex screws and nuts to lock each axis.

You also need one (1) Crescent wrench, socket wrench, or channel pliers.

1. Mark and drill four holes on the wall.
2. It is recommended that you use one of the bracket ends as a template. You can remove the end from the bracket.
3. Adjust the arm length.
4. The arm is set to a 7.5-inch extension. To increase it to a 9-inch extension, you move 1 pivot and lock screw to the outside holes on 1 bracket. To increase the extension to 10.5-inches, move both pivot and lock screw pairs to the outside holes on each bracket.
5. Attach the bracket to the access point with the M6 hex-head screws.
6. Align the bracket mounting holes with the holes on the wall.
7. Attach the bracket to the wall with the M6 hex-head screws.
8. Insert the locking bolts into the bracket and arm locking hole.
9. Attach the nuts and torque to about 45 inch-pounds.
10. Tighten the pivot screws and nuts to about 60 inch-pounds.

Install the Access Point on a Pole with the MBO-ART03 and KT-147407-02 Brackets

You can install your access point to a pole if you do not want to drill into a concrete wall. With a pole, the access point coverage area can be greater because a pole is often higher than a wall.

The following hardware is required to install your access point to a pole with the MBO-ART03 and KT-147407-02 brackets.

- One (1) access point.
- One (1) KT-147407-02 bracket.
- One (1) MBO-ART03 articulating mounting bracket.
- Two (2) M6 hex-head screws to attach the MBO-ART03 to the access point.
- Two (2) M6 screws with nuts and washers to attach KT-147407-02 to the MBO-ART03.
- Two (2) long M6 Hex hex screws and nuts for providing an angular lock for each axis.
- Cable clamps with a band of 0.5 in. (12.7 mm). Cable clamps must be purchased separately as they are not included.
- One (1) torque wrench with sockets.
- One (1) flat head screwdriver.

1. Attach the KT-147407-02 pole part to the MBO-ART03 with two M6 screws, nuts, and washers.
2. Attach both cable clamps to the KT-147407-02 bracket. You open the cable clamp by inserting the head of the flat head screwdriver into the retaining screw and turning the screw counterclockwise. Then insert the non-clamp end into the KT-147407-02 through the holes.
3. Attach the two brackets to the pole.

4. Tighten the cable clamp screw around the pole by turning the screws clockwise with a flathead screwdriver.
5. Attach the access point to the MBO-ART03 with two M6 hex-head screws.
6. Adjust the two pivot points until you are satisfied.
7. Insert the locking bolts into the bracket and arm locking hole.
8. Attach the nuts and torque to 45 inch-pounds.
9. Tighten the pivot screws and nuts to about 60 inch-pounds.
10. Attach the safety hanger strap as per the local code.
11. Adjust the LAN cable so the access point glands have a drip loop in each cable. The LAN cable must be located on the lower side of the AP.

Install the Access Point on a Pole Using KT-147407-02 Bracket Parts

The following hardware is required for pole installation using KT-147407-02 bracket parts:

- All parts of the KT-147407-02 bracket
 - Four (4) M6 screws
 - Two (2) hex-head M12 stainless-steel screws
 - Two (2) hex-head M12 stainless-steel nuts
 - Two (2) 0.5 in. wide stainless-steel cable clamps; Cable clamps must be ordered separately.
 - One (1) access point
1. Attach the KT-147407-02 flat part and 1-axis tilt part to the access point. For instructions on how to attach the bracket parts, see *“Install the Access Point on a Pole Using KT-147407-02 Bracket Parts and KT-150173-01 Extension Arm” on page 2.*
 2. Attach the KT-147407-02 pole part to the 1-axis tilt bracket using two M12 bolts through the large bracket holes on the 1-axis tilt bracket and the pole bracket.
 3. Fasten the bolts using two M12 hex nuts.
 4. Insert the stainless-steel cable clamp through the long slots on the pole bracket. Repeat for both clamps.
 5. Position the cable clamps on the pole bracket around a pole and attach the pole bracket
 6. Insert the ends of the cable clamps around the pole and tighten the clamp screws to a torque of about 15 in-lbs

Install the Access Point on a Pole with the MBO-ART03 and KT-147407-02 Brackets

You can install your access point to a pole if you do not want to drill into a concrete wall. With a pole, the access point coverage area can be greater because a pole is often higher than a wall.

You need the following:

- One (1) KT-147407-02 brackets.
- One (1) access point.
- One (1) KT-147407-02 bracket.
- One (1) MBO-ART03 articulating mounting bracket.
- Two (2) M6 hex-head screws to attach the MBO-ART03 to the access point.
- Two (2) M6 screws with nuts and washers to attach KT-147407-02 to the MBO-ART03.
- Two (2) long M6 Hex hex screws and nuts for providing an angular lock for each axis.
- Two (2) Cable clamps with a bandwidth of 0.5 in. (12.7 mm). Cable clamps must be purchased separately as they are not included.
- One (1) torque wrench with sockets.
- One (1) flathead screwdriver.

1. Attach the KT-147407-02 to the MBO-ART03 with two M6 screws, nuts, and washers.
2. Attach both cable clamps to the KT-147407-02 bracket. Open the cable clamp by inserting the head of the flathead screwdriver into the retaining screw and turning the screw counterclockwise. Then insert the nonclamp end into the KT-147407-02 through the holes.
3. Attach the two brackets to the pole.
4. Tighten the cable clamp screws around the pole by turning the screws clockwise with a flathead screwdriver.
5. Attach the access point to the MBO-ART03 with two M6 hex-head screws.
6. Adjust the two pivot points until you are satisfied.
7. Insert the locking bolts into the bracket and arm locking hole.
8. Attach the nuts and torque to about 45 inch-pounds.
9. Tighten the pivot screws and nuts to about 60 inch-pounds.
10. Attach the safety hanger strap as per the local code.
11. Adjust the LAN cable so the access point glands have a drip loop in each cable. The LAN cable must be located on the lower side of the AP

Install the Access Point on a Pole Using KT-147407-02 Bracket Parts and KT-150173-01 Extension Arm

The following hardware is required for pole installation using KT-147407-02 bracket parts and KT-150173-01 extension arm:

- All parts of the KT-147407-02 bracket
- KT-150173-01 extension arm
- Six M6 screws
- Four hex-head M12 stainless-steel screws
- Four hex-head M12 stainless-steel nuts
- Two 0.5” wide stainless-steel cable clamps; Cable clamps must be ordered separately
- One flathead screwdriver.
- One access point

1. Attach the flat part and the 1-axis tilt part of the KT-147407-02 bracket to the access point. For instructions on how to attach the bracket parts, see *“Install the Access Point on a Pole Using KT-147407-02 Bracket Parts and KT-150173-01 Extension Arm” on page 2.*
2. Align the circular holes on one end of the KT-150173-01 extension arm against the large holes on the 1-axis tilt bracket.
3. Attach the KT-150173-01 extension arm to the 1-axis tilt bracket by using two hex-head M12 stainless-steel screws and two hex-head M12 stainless-steel nuts.
4. Attach the KT-147407-02 pole part to the other end of the KT-150173-01 extension arm using two M12 screws and M12 hex-nuts.
5. Insert 0.5 in. stainless-steel cable clamps through the KT-147407-02 pole part long slots.
6. Position the cable clamps around a pole and attach the pole bracket to a pole.
7. Insert the ends of the cable clamps around the pole and tighten the clamp screws to a torque of 15 in-lbs.

Install the Access Point on a Unistrut Structure Using the MBO-ART03 Bracket

The MBO-ART03 bracket has +/- 80-degree (in 10-degree increments) 2-axis tilt and variable 7 inches to 10 inches extension. The bracket comes installed with M6 pivot

screws.
The bracket's flat surface has three large holes for connecting with the Unistrut metal frame. There are also two smaller holes for M6 bolts for mounting to the KT brackets or a wall. Each metal bracket on either end of the ART03 bracket has two bent sections with two pivot holes and serrated lock positions.
The length on the bent sections can be adjusted, if desired. Move the pivot points to increase the MBO-ART03 bracket's extension lengths to 7.5 in. to 9.0 in., or 10.5 in.

Adjust the MBO-ART03 bracket's extension

1. Remove the pivot screw and nut.
2. Move the MBO-ART03 bracket arm's center hole to the other pivot hole on the bracket.
3. Insert the pivot screw through the bracket and the arm.
4. Attach the pivot nut to the screw.
Use a crescent wrench or a 13 mm tool to tighten the pivot screws and nuts.
5. Torque the screws and nuts to finger tightness.

Adjust the MBO-ART03 bracket's angular position

1. The horizontal and vertical adjustments can be made in 10 degree increments.
The increments are marked on the MBO-ART03 bracket.



Note: The glands should point downward to prevent water from entering the AP.

2. Rotate the arm to the desired position.
3. When the lock screw hole lines up with the appropriate serrated screw hole, insert the long M6 screw and fasten with a hex nut.
4. Torque the lock screws and nuts to about 45 inch-lbs.
5. Torque the pivot screws and nuts to about 60 inch-lbs.
6. The left to right adjustment can be made to any angle, with the access point having at least 1 in. clearance from another object.

Connect the ETH1 or ETH0 Cable

The ETH1 or ETH0 cable is connected through the ETH1 or ETH0 gland port.

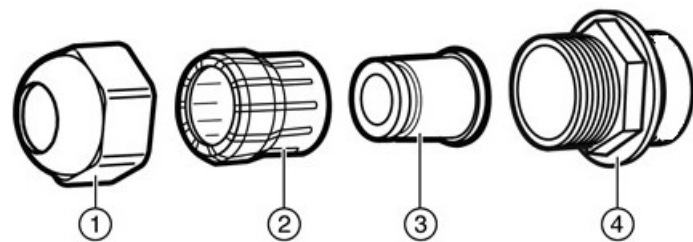


Table 6. Glands

Callout	Item
1	Gland cap
2	Gland cage
3	Gland LAN cable gasket Korea and Brazil: Users in Korea and Brazil must use a shielded CAT6 cable to remain compliant with regulations in your country.
4	Gland body - Do not remove the gland body. This is a factory sealed component; do not remove from housing

1. Attach the ground wire to the access point.

2. Remove the ETH0 port gland cap, plastic cage, and gasket.
3. Connect the ETH0 cable through the ETH0 gland port until it clicks into place.
4. If there is a ETH1 connection, insert the cable through the ETH1 gland port until it locks into place.
5. Slide the plastic cage over the gland and into the gland body, and then secure it with the gland cap.
6. Torque the gland cap to at least 17-in lbs.

Connect the ETH1 or ETH0 Cable Through the Service Panel

The ETH1 or ETH0 cable is connected through the side or bottom holes on the service panel. It is recommended that you run the ETH cables through the service panel before you connect the panel to the AP.

The following hardware is required to attach the ETH1 or ETH0 cable through a hole on the service panel base:

- ETH1 or ETH0 cable.
- One blank conduit cover to cover the front hole on the side of the service panel
- One (1) 3/4 in. or 1/2 in. conduit cover, depending on the circumference of the ETH1 or ETH0 conduit
- Service panel base and top
- ACC-ODS-CAT6A-LAN-GSKT for shielded CAT6 and shielded or unshielded CAT6A
- Four (4) flat head long M4 screws to hold the service panel to the access point

1. Using the blank conduit cover, cover the front hole of the service panel.
2. Attach either the 1/2 in. conduit cover or the 3/4 in. conduit cover to the rear hole of the service panel base.
3. Run the ETH1 or ETH0 cable, and the ground wire through the rear side hole of the service panel base.
4. Loosely align the service panel base next to the metal sloping bracket, thereby leaving enough space to attach the ETH1 or ETH0 cable to the access point. Attach the ground wire to the access point.
5. Remove the gland caps, plastic cage, and the gasket from the ETH0 port.
6. Insert the cap, cage and the LAN gasket onto the LAN cable.
7. Connect the ETH0 LAN cable through the ETH0 gland port until it clicks into place in the ETH0 port. If there is a ETH1 connection, repeat step 5 for the ETH1 cable and then insert the cable through the ETH1 gland until it locks into place in to the ETH1 port.
8. Torque the gland cap to 17-in lbs.
9. Fold and arrange the ETH cable into the gap of the metal sloping bracket and the service panel base. The LAN cables should have 1 in. bend radius.

Install the Plastic Service Panel

A service panel must be installed when the access point is installed under-bench or on a riser.

When a service panel is installed on an access point that is mounted on a riser, the service panel bottom must be closed. Keeping the service panel bottom open will enable debris to fill up, that can shorten the life of the service panel.

1. Attach the plastic service panel base to the access point using four, 75 mm service panel shoulder screws.
2. Torque the screws to 13 in-lbs.
3. Place the service panel top over the service panel base and lock it into place using the captive screw.
4. Torque the screw to 4 1/2 in-lbs.

The service panel bottom opening should be closed and glued in place when not needed. The openings can be covered with at least 0.050 inches thick plastic or metal coverings. The best practice is to use one part clear super glue and two parts epoxy to hold the service panel cover in place. This helps provide some resistance during pressure washing.

When installing the access point flat against a surface in a location that uses ice melt, the best practice is to apply an anti-seize material to the screws before attaching them to the access point metal base.

Ground the Access Point

Ground the outdoor access point for outdoor installations.

A ground terminal is provided for lightning protection. Ground connection is not required for under seat or indoor deployments. The ground connector on the access point is not a protective earth ground.

To add ground connection to the access point:

1. Attach the ring terminal to the ground wire.
2. Insert the ring terminal on the ground screw.
3. Thread the ground screw into the access point hole below the ground symbol.
4. Tighten the ground screw to 12 in-lbs.

Power or Pressure Washing Guidelines

Ensure that your pressure washing equipment meets the following specifications:

- Pressure washer Pounds per Square Inch (PSI) must be less than 4000psi.
- Do not use a nozzle with less than 15-degree washer tip.
- The pressure washing nozzle must be at least 24 in. away from the access point.

Cleaning Solution Specifications

- Use only commercially available cleaning agents and solvents to clean the access point.
- Use only commercially available ice-melt products
- Do not use cleaning agents, solvents, and ice-melt products that are flammable, contain polycarbonate or rubber dissolving ingredients, uses refined petrochemical materials, and any other materials that can damage a concrete surface.

Documentation

You can find documentation for all of your Extreme Networks products at the Extreme documentation portal at <https://supportdocs.extremenetworks.com/support/documentation/>.

Legal

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AP5060D and AP5060U

QUICK INSTALLATION GUIDE

Scan to Download the ExtremeCloud IQ Companion Mobile Application

Commission, monitor, and troubleshoot devices easily with ExtremeCloud IQ Companion Mobile Application (supported on iOS and Android).

Use your mobile device camera to scan the serial number, capture installation images, assign or change device location, and network policy. The ExtremeCloud IQ Companion Mobile Application enables you to access the device CLI for troubleshooting and view device and client status.



ExtremeCloud IQ Companion Android Mobile Application



ExtremeCloud IQ Companion iOS Mobile Application

Scan for Product Support Details



ExtremeCloud IQ Companion Mobile Application Onboarding



Documentation



Product Videos