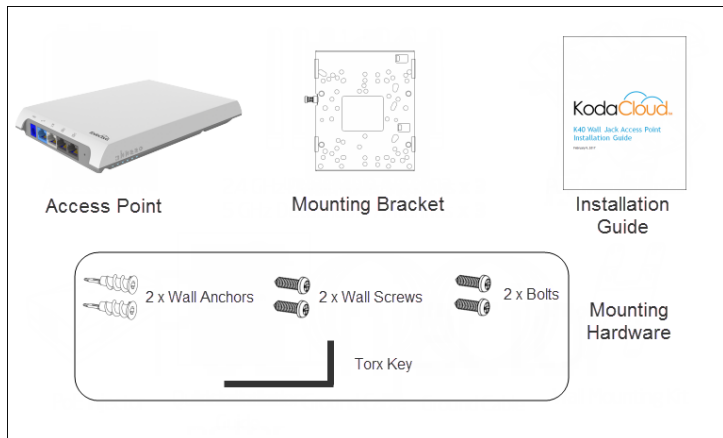




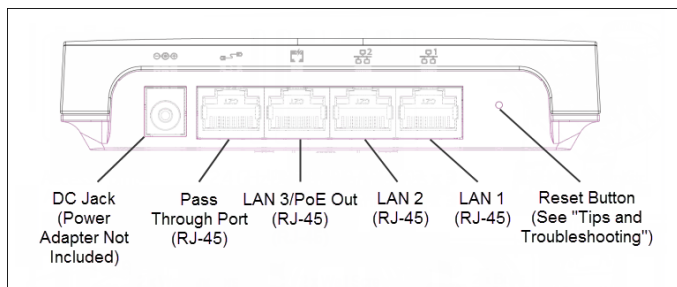
K40 Multi Access AP Installation Guide

Package Contents

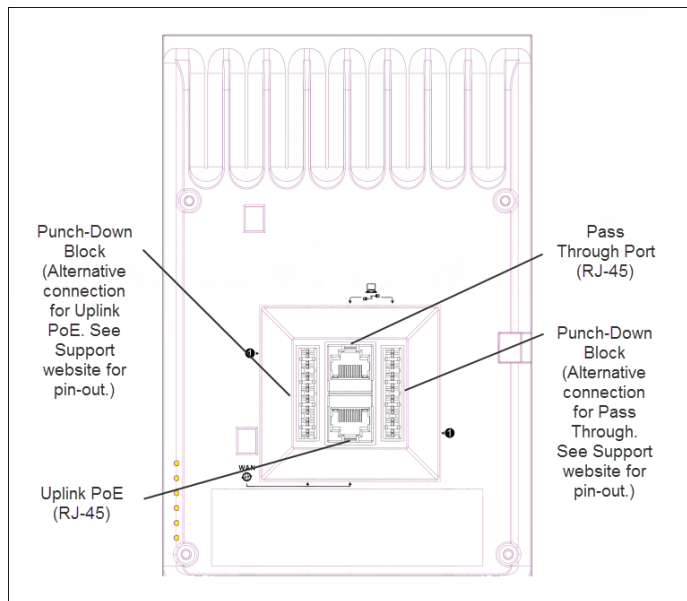


Hardware Overview

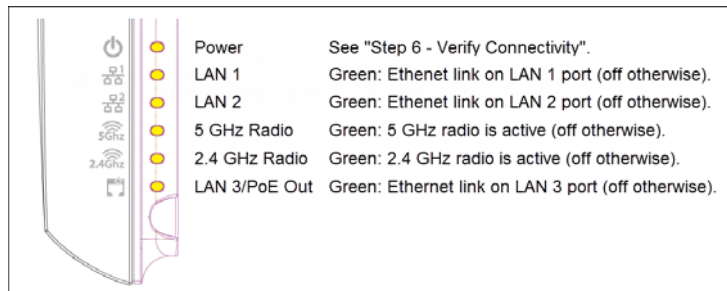
Bottom



Rear



LEDs



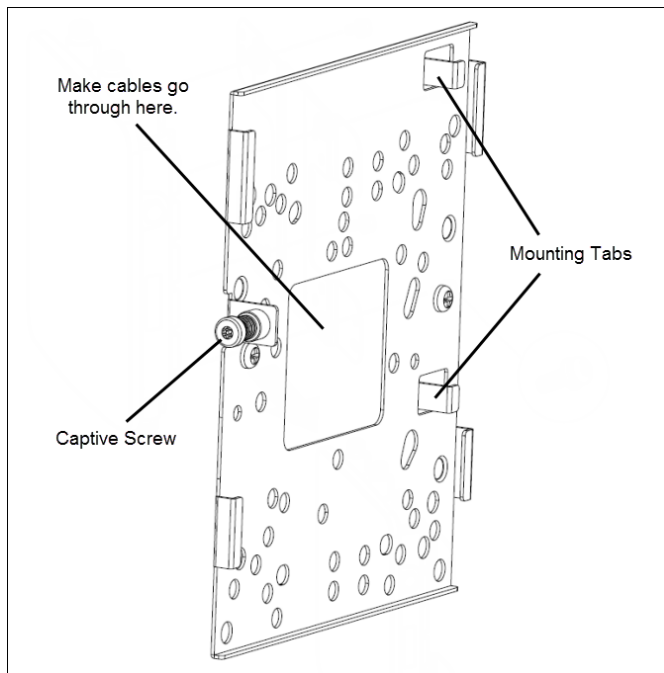
Step 1 - Prepare Site

- A** Run the Ethernet Uplink cable through the large hole in the middle of the mounting bracket. Optionally run an Ethernet Pass Through cable through the same hole. Ensure the protruding mounting tabs of the mounting bracket face away from the wall.



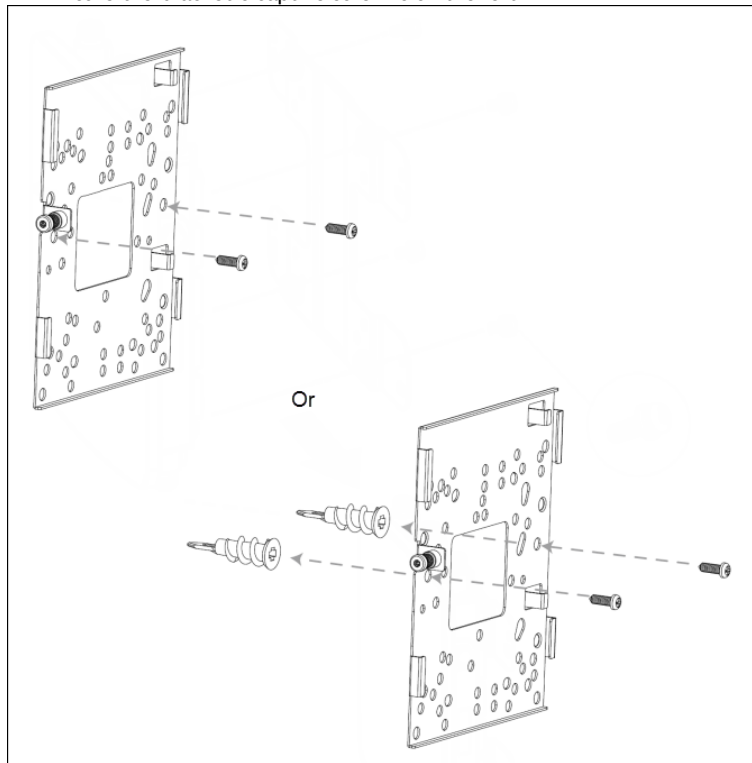
Warning

This unit must be installed indoors. The unit is not designed for outdoor use.



Step 2 - Attach Mounting Bracket to Wall

- A** (Preferred) Use the two supplied mounting bolts to attach the mounting bracket to a gang box. Ensure the bracket's captive screw is on the left.
- B** (Optional) Attach the mounting bracket to the wall with the supplied anchors and screws. Use the mounting bracket as a drill hole template. Ensure the bracket's captive screw is on the left.

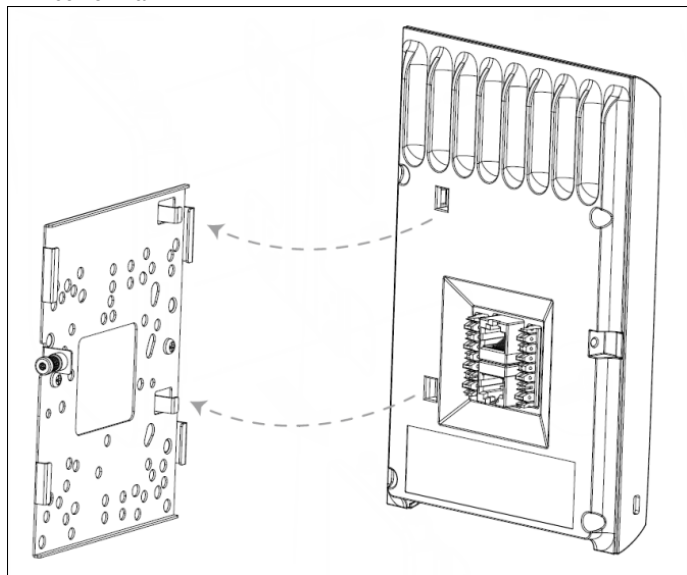


Step 3 - Connect the Access Point

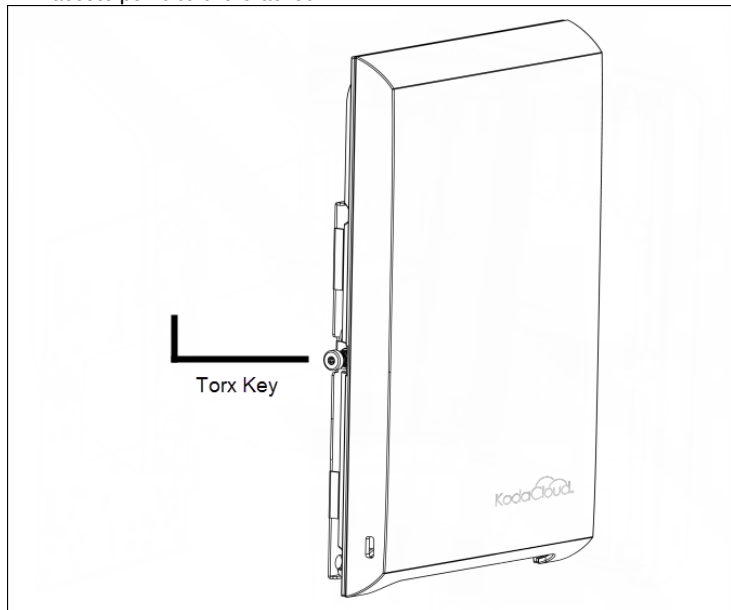
- A** Attach the Ethernet Uplink cable to the black RJ-45 Uplink port at the rear of the access point. To use the alternate punch-down block, visit the Support website (<http://KodaCloud.com/support>).

Step 4 - Attach Access Point to Bracket

- A** Slide the two protruding mounting tabs on the right of the bracket into the matching holes at the rear of the access point.
- B** Rotate the access point until the anchor hole at the rear aligns with the captive screw of the bracket. Push any excess cable back into the gang box or wall.



- C** Use the supplied Torx key to tighten the captive screw thus securing the access point to the bracket.



Step 5 - Apply Power to the Access Point

Power is supplied through the Ethernet Uplink cable through the black RJ-45 Uplink port at the rear of the access point:

- If using LAN3/PoE, ensure the Ethernet Uplink cable supplies IEEE 802.3at PoE (Power-over-Ethernet).
- Otherwise, ensure the Ethernet Uplink cable supplies IEEE 802.3af PoE (Power-over-Ethernet).

Step 6 - Verify Connectivity

Verify that the K40 access point is connected to your network with either the KodaCloud website or the KodaCloud mobile device app.

Check the Power LED to determine whether the access point is operating correctly. The access point is properly installed and connected to the KodaCloud management services when the LED turns solid green after a few minutes.

When the access point is powered on, the Power LED should display the following sequence:

#	Power LED	Description
1	Power LED Solid Orange and all other LEDs on (for less than 10 seconds)	Unit has just received power and has started booting
2	Power LED Solid Orange and all other LEDs off (for less than a few minutes)	Unit is starting up.
3	Blinking Green (for less than a minute)	Access point is negotiating a connection with KodaCloud management services in the cloud.
4	Solid Green	Access point is successfully setup to be managed by KodaCloud management services in the cloud.

Note 1: The very first time the Access Point is connected, it will self-update so it will go through this sequence twice.

Note 2: See “Tips and Troubleshooting” if the access point does not reach solid green.

Step 7 - Configure the Access Point

Use your mobile device or the KodaCloud website.

Website

Sign into your account at <http://KodaCloud.com> and follow the instructions in the KodaCloud website to complete the process.

Mobile Device

Information about the mobile app is available at <http://KodaCloud.com>. The mobile device app includes instructions for completing the process.

If you have any trouble, contact support@kodacloud.com. We'll be happy to help!

Tips and Troubleshooting

If your access point Power LED light is flashing orange and all other LEDs are off for over 10 minutes

The access point cannot connect to the KodaCloud management services. This usually occurs when the unit cannot get an IP address from your network using DHCP and has switched to Local Network Configuration mode.

While in this mode, the access point does not pass data through the Uplink port and broadcasts an SSID that contains a portion of the access point's MAC address. You can use any Wi-Fi enabled device to connect to this SSID and configure the network settings for this access point using a web browser. To connect to the access point using the Local Network Configuration interface:

1. Connect your Wi-Fi enabled device to the SSID in the form of "AP-XX:XX:XX" (where X is a placeholder)). You are successfully connected when the Power LED on the access point becomes solid red.
2. Use your web browser to navigate to <http://192.168.100.1> (login using user: admin, password: admin).
3. Follow the on-screen instructions.

See the Support website (<http://kodacloud.com/support>) for information about Local Network Configuration.

Note: Local Configuration mode only activates if the access point is in factory default condition and has never connected to the KodaCloud management services in the cloud.

Resetting to Factory Defaults

If the access point is disconnected from a power source, press and hold the Reset button, and connect power to the unit. The Power LED turns solid orange and the 5 GHz LED turns solid green. All other LEDs are off. This pattern indicates the unit is restoring itself to factory defaults.

OR

If the access point is connected to a power source, press and hold the Reset button until the Power LED turns solid orange, the 5 GHz LED turns solid green, and all other LEDs are off. Once the LEDs show this pattern, release the Reset button. This action restores the unit to the factory default settings.

Learning More, Service, and Support

Online Resources

Our support website (<http://kodacloud.com/support>) contains links to online resources available to help you get the most out of your access point.

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K40 Specifications and Safety Guidelines

Specifications:

Frequency Bands: Programmable for different country regulations

Radio 1 and Radio 3: 2.400-2.484 GHz

Radio 2: 5.150-5.250 GHz, 5.250-5.350 GHz, 5.470-5.725 GHz, 5.725-5.850 GHz

Standards: Radio 1 IEEE 802.11 b/g/n/ac,
Radio 2 IEEE 802.11 a/n/ac,
Radio 3 BLE 4.0

Power Consumption: 12 W max. w/o PSE output

Power Input: IEEE 802.3af/at PoE, 12 V DC Power Input Jack

Interfaces:

3 x RJ-45 10/100/1000 Gigabit Ethernet for LAN (bottom)

1 x RJ-45 (rear) for Uplink PoE

1 x Pass-Through Port (2 x RJ-45) (one at rear, one at bottom)

1 x Punch-Down Block (rear, equivalent to Uplink PoE RJ-45)

1 x Punch-Down Block (rear, equivalent to pass-through RJ-45)

Environmental Specifications:

Operating Temperature: 0°C to 40°C (32°F to 104°F)

Storage Temperature: -20°C to 70°C (-4°F to 158°F)

Humidity: 0% ~ 95% typical (non-condensing)

Regulatory Compliance Information

FCC

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. See 47 CFR 1.80.

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.

IMPORTANT NOTE:

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 **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.

There is no Country Code selection capability for USA Part # K40-UC.

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.

Cet appareil est conforme aux CNR exemptes de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes: (1) Ce dispositif ne peut causer d'interférences; et (2) Ce dispositif doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

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) The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and

- (iii) The maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.
- (iv) Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avertissement:

- (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) Le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limite de p.i.r.e.;
- (iii) Le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5725-5825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.
- (iv) De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance **20 cm** between the radiator & your body.

Déclaration d'exposition aux radiations:

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



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CAN ICES-3(*)/NMB-3(*)
[*] = Class A or B