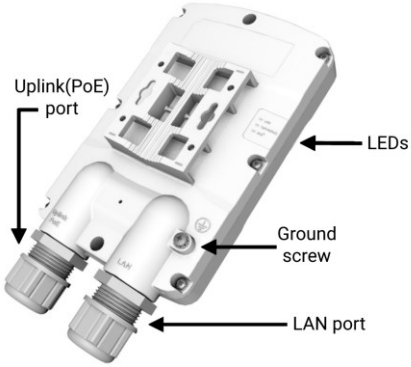
K60CN1
Gen3 Client Node

Quick Start Guide

April 19, 2024

Box contents:



Tool list:

- 8mm nut driver for band clamp.
- #2 Phillips screwdriver for wall mount.

Cable glands

PoE power injector

Power cord

Stainless steel clamps

Screw kit

Port seal

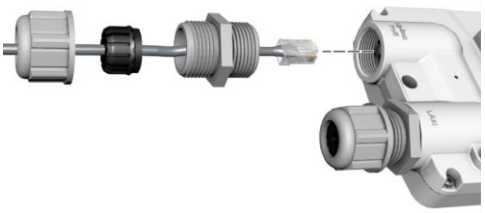
Installation tips:

- Orient the K60CN1 to face toward the K60DN radio sector to which it will connect.
- Clear line-of-sight (LOS) is required.
- If the K60CN1 is repositioned or re-aimed for adjustment after installation and connection, rebeamform the link by removing and re-adding it to the CN responder list, rebooting, or power cycling the unit.

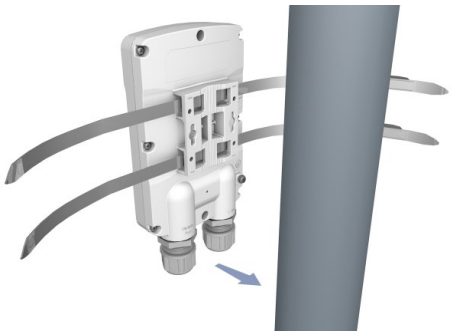
Installation

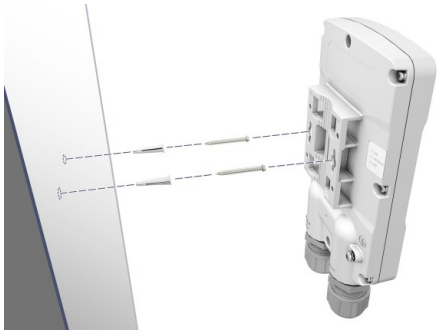
1. **Attach ground wire to the ground screw.** The other end should connect to nearby good earth. Local codes determine whether grounding is required or optional.

2. **Install outdoor-rated Cat6 cable in the Uplink PoE port.** Remove the cable glands, insert the RJ45 as shown, and replace the cable glands securely. Install the port seal to weatherproof the LAN port.



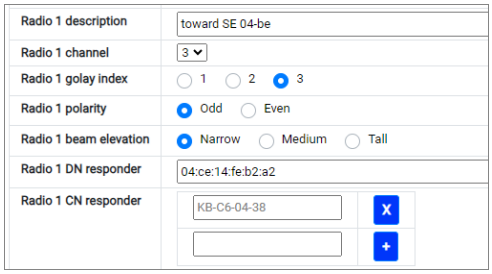
3. **Mount the K60CN1 to a pole or wall at the customer premise.** Make sure the face is aimed toward its connecting K60DN radio sector and there is clear LOS. For pole mounts, use the supplied stainless steel band clamps for durability.





4. **Install the PoE injector.** Connect the Cat6 cable from the K60CN1 to the **PoE** port on the injector. Connect the injector to AC Power. Verify the K60CN1 is powered up. The Uplink(PoE) LED on the back will be lit. Connect the **LAN** port on the PoE injector to the customer's router or AP.

5. **Add the K60CN1 to the K60DN's CN responder list to initiate a link.** Open the K60DN's WebUI (default PW: **kwikbit**). Go to the **Wireless** tab and add this K60CN1's KB MAC to the list of **CN responders** for the specific K60DN radio sector per the network design. Click **Submit Changes**. Wait for the K60CN1 to connect and appear under Peer-Names in the Wireless table.



6. **After the K60CN1 connects, configure its settings.** While still in the K60DN's WebUI, click on the name of the K60CN1 in the **Peer-Name** column of the Wireless table to open the K60CN1's WebUI. Set **Description** and **Location** on the **Admin** tab. Review and adjust settings on the **LAN** and **Network** tabs, according to the network design. Save the configuration and close the WebUI.

7. **Verify the K60CN1 operation and review its performance.** If the K60CN1 is repositioned or re-aimed after connecting to the K60DN, rebeamform the link by removing and re-adding it to the CN responder list, rebooting, or power cycling the unit.

Factory Reset

Use the **Restore Factory Defaults** button in the device's WebUI to perform factory reset.
However, if the device is unreachable because the password is lost or network settings were inadvertently set to unworkable values, use a reset plug to reset to factory defaults. To make the reset plug from a short length of Ethernet cable with an RJ45 plug: Short the wires for pins 1 & 2 (for T568B, the white/orange, orange pair), leave the other wires open, and break off the clip to make insertion/removal easy.

1) Disconnect power.
2) Insert the reset plug in the **LAN1 p**ort and reconnect power.
3) Wait for the reset sequence to complete, about 50 seconds, then remove the reset plug.

Note: After the reset, normal operation resumes with factory default settings.

Additional help

Altowav is committed to providing our customers with high quality technical support. Contact us at:

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support.altowav.com