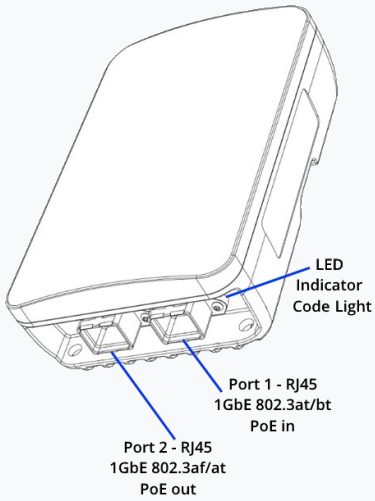
K60 Bridge Kit

Quick Setup

Release 1.4
March 21, 2025

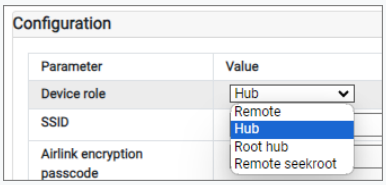


Log into the K60 WebUI using ***https://***

1. **Supply power to K60 Port 1 via the PoE injector.** Connect the Harting PushPull plug into Port 1 of the K60. Connect the RJ45 end of the cable to the PoE port on the injector. Connect the LAN port to an Internet-connected PC or switch. Power up the PoE injector. Repeat for the 2nd K60.

2. **Access the K60 WebUI.**
   a. Configure the Ethernet settings of your PC to use a static IP address in the 169.254.x.x IP address range, with a subnet mask of 255.255.0.0.
   b. In a web browser, type **https://*<ip_address>***, where *<IP_address>* is the IP address included on the K60 label.
   Note: You ***must*** include the **https://**. If you include only the IP address and not **https://**, or if you use **http://** rather than **https://**, your browser will not connect to the radio.
   c. Click the **Advanced** button and **Proceed** to the site. The K60 WebUI opens to the Status tab.

Configure the radios



1. **Form a link between the K60s.** Aim the K60s toward each other with clear LOS. In the WebUI of one K60, click on the **Wireless** tab. Log in with the default PW: **kwikbit**. Select **Hub** for Device role and click the **Submit Changes** button. With default settings and clear LOS a wireless the K60s connect.

2. **Install and finalize configuration**. Mount the K60s at their desired locations with clear LOS, grounding as needed and power up. After the wireless link is verified, use the WebUI to adjust settings on the Admin, Wireless, LAN and Network tabs to your specific network requirements.

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LED Indicators

LEDs can be used to confirm the installation and for troubleshooting:

Solid green	Unit is operating as a hub or a root hub.
Continuously flashing green	Unit does not have an RF connection to another radio. Applies to both hubs/root hubs and remotes..
Flashing green in groups	Unit is a remote and is connected to a hub. Number of flashes per group indicates relative signal quality, 1=marginal, 5=best.
Alternating red and green	Unit is in “locate” mode or is performing a factory reset.
Other patterns	Other patterns may occur at startup during the first minute after power is applied.

Default Configuration

PW: ***kwikbit*** until changed (Admin tab).

Device role: ***Remote*** (Wireless tab). Remotes scan for hubs and select channels automatically.

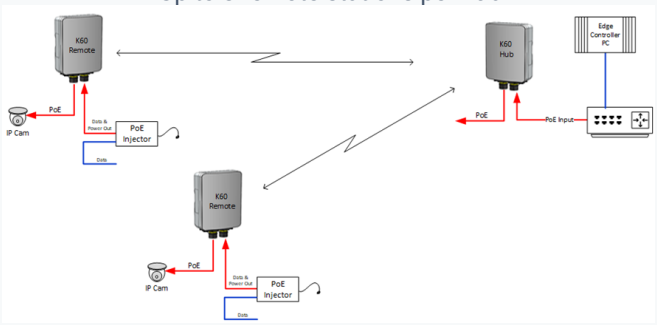
SSID and Airlink encryption passcode: ***KBAccess*** (Wireless tab).

VLAN settings Network tab:

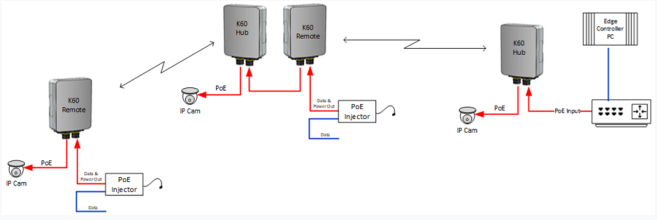
- VLAN 802.1q mode**: *Port-based***
- Management VLAN ID: ***100***
- Ethernet port 802.1q mode: ***Access*** (all Ethernet ports).
- PVID: ***100*** (all Ethernet ports).

Point to Multi Point Links

Up to 8 remote stations per hub.



Point to Point Links



Factory Reset

Reset to factory defaults if the password is lost or network settings are inadvertently set to unworkable values. Jumper pins 1 and 2 together on an RJ-45 (for T568B, the white/orange, orange pair) and break off the clip to make a reset plug. Install the reset plug in the port furthest from the LED – Port 2 – see diagram on previous page. Cycle the power. Allow two minutes for the factory reset to take place before removing the reset plug. Once the reset plug is removed, it will take up to one minute for the device to resume normal operation.

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K60 User Guide

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