

**KONA Macro Gateway**  
**Quick Start Guide**

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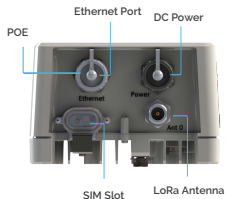
## Powering up the Gateway

This guide provides instructions on how to set up a KONA Macro gateway on the TEKTELIC Network Server. This gateway supports one external LoRa antenna, copper Ethernet (PoE+) backhaul, and optional 3G/4G wireless backhaul. The gateway can be powered either via PoE or DC Power.

### What's In The Box:

The following equipment is provided for installing & commissioning the KONA Macro Gateway on TEKTELIC Network Server:

KONA Macro Gateway



KONA Mounting Kit



DC Power Connector



Safety Ground Cable

- Note:**
- Refer to [Antenna Selection Guide](#) for information on antenna use cases and recommendations
  - Refer to [User Guide](#) for more information on deployment, installation and regulatory considerations
  - POE Injector, External LoRa Antennas and Ethernet Cable sold separately

## Configuration & Activation

### Commission the Gateway using LeapX Application

To use LeapX, you will need a TEKTELIC Account. If you don't have an account already, please raise a ticket in our support portal [support.tektelic.com](https://support.tektelic.com) and our support team will create an account for you.

To install LeapX Application on your Smart Device, please search for "TEKTELIC LeapX" on the Google Play Store or the Apple App Store. Once the app is installed, log in to the app using the username and password of your TEKTELIC account. Then follow the in-app instructions online



#### Note:

Once the Gateway shows "Online" you are ready to add sensors to your network

## Gateway Troubleshooting

### KONA Macro LED States

LED State	Functional Description	Action Required
No LED	No power to gateway	Apply power to gateway. If the condition persists, contact customer support.
Solid Green	Gateway is operational with a packetforwarder running. LoRaWAN packet transmission and reception functions are operating normally.	No action required; Gateway is in a stable state.
Flashing Green	Module is initializing  No downlink packets have been transmitted by the gateway in the last 10 minutes.  GPS unlocked for more than 24 hours.	On power up, Typical boot time is < 2 minutes. In some cases, this process can take up to 15 minutes (Software upgrade)  If after 15 minutes, the LED is still flashing green, power up a sensor near the gateway to initiate a Join Request. The Gateway LED will transition to solid green when it transmits the Network Server's Join Accept message.  If the Gateway has been powered up for over 24 hours and normal LoRaWAN traffic is present, check GPS antenna connection and ensure GPS antenna has a clear view of the sky.
Solid Red	Unit is in fault condition and requires service	Power cycle the gateway. (This is an undesired stable state) If the condition persists, contact customer support.

**Note:**

If you have questions about using this device please visit the TEKTELIC Support Portal [support.tektelic.com](http://support.tektelic.com) for access to our knowledge base Documentation & FAQ's