



Farmblox



Base Station

Product Manual

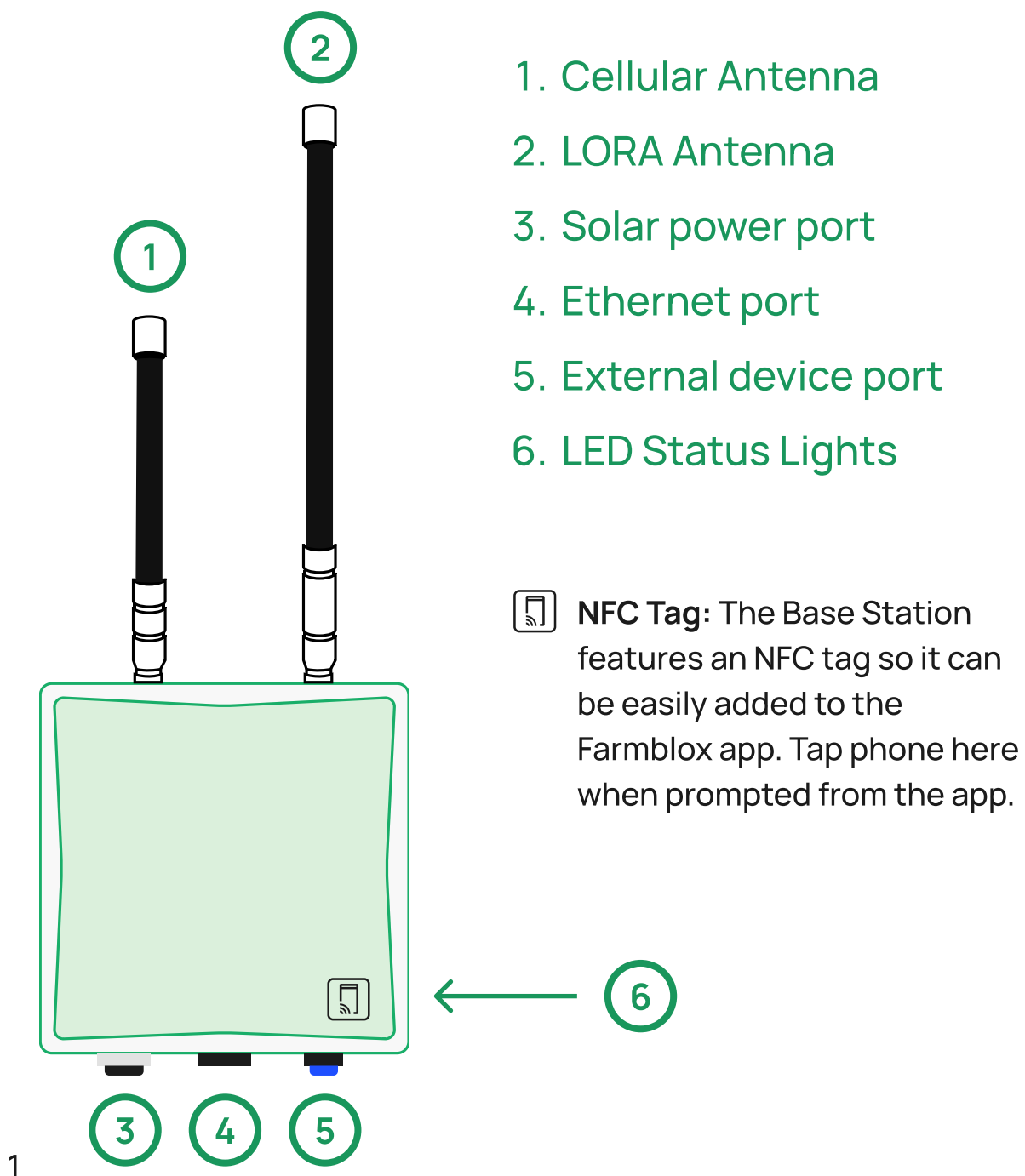


v1.0

Base Station Overview

The base station is at the center of the Farmblox system. Its primary function is to wirelessly receive readings from a Universal Monitor and send them to your phone/computer dashboard.

The base station features an NFC tag, three ports, and five LED status lights.



Package Contents

1. Farmblox Base Station
2. Cellular Antenna
3. LORA Antenna
4. (2) 6' Ethernet Cable
5. 120V Power Cable
6. POE Injector
7. Two Piece Mounting Bracket
8. Bag of mounting Screws

LED Light Status

Power: Indicates if the base station has power.

Device: Indicates if a connected device is present.

Wireless: Indicates if the wireless communicator is active.

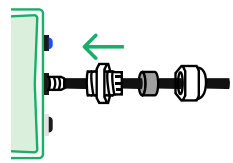
Data: Indicates if the Base Station has a data connection. Either ethernet or cellular.

Solar: Green: The base station is receiving solar power.

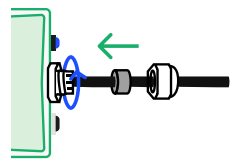
Solar: Blinking Orange: Indicates that the Base station is in the boot sequence.

Assembly

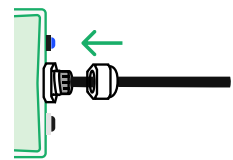
1. Screw the cellular antenna into the cellular antenna port on the left side top of the base station.
2. Screw the LORA antenna into the LORA antenna port on the right side top of the base station.
3. Screw the base station side mounting bracket to the base station using 4 large Philips screws and washers provided in the kit.



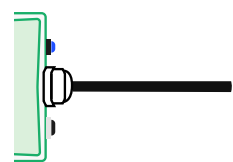
4. Remove and disassemble the cable gland in the bottom of the base station.



5. Pass one of the ethernet cables through the gland and connect it to the ethernet port on the base station.



6. Screw the base of the cable gland into the base station

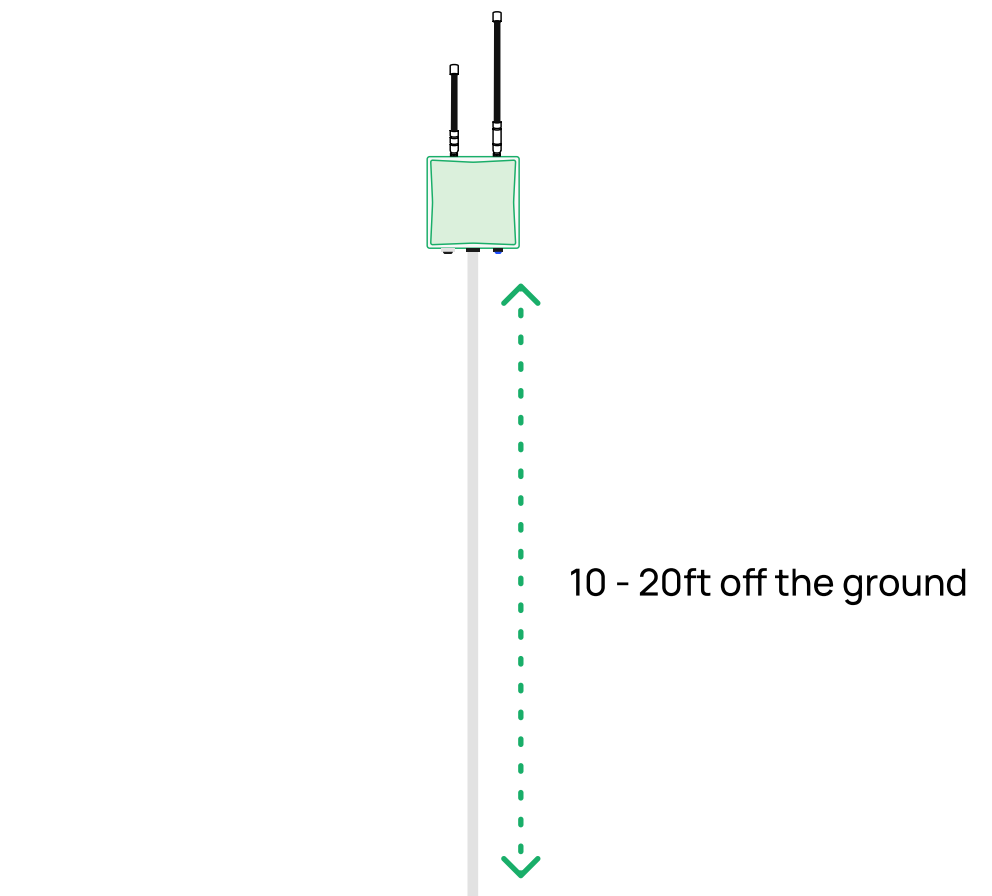


7. Reassemble the cable gland around the ethernet cable and screw the cable nut finger tight.

8. Screw the Mounting location side bracket to the desired mounting location.
9. Hang the base station on the mounting bracket as indicated by the mounting arrows. Secure with two philips screws.
10. Connect power to the base station based on your power configuration from the diagrams below.

Mounting Location Considerations

- The Farmblox base station is designed and intended to be installed outside.
- For best performance the base station should be installed at a minimum of 10' off the ground. Recommended install height of 20' for POE base stations.
- Recommended installation location is the gable end of a Sugar house, Barn or House.
- The POE injector that comes with the base station kit should be installed inside. ** it may be necessary to purchase a longer ethernet cable in order to accommodate this**



Base Station: **cellular**, wired power

Power:

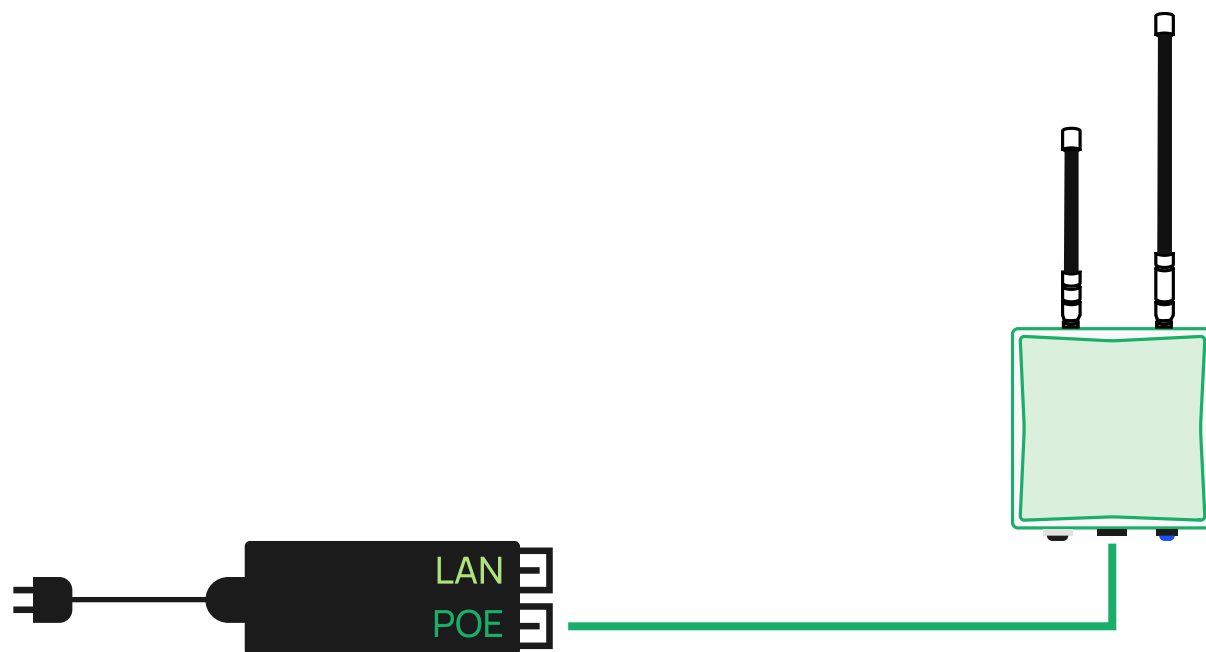
Connect the ethernet cable to the middle port on the Base Station. Plug the other end of the into the POE labeled port on the provided PoE injector. Once the POE injector is plugged into an outlet, the Base Station will power on.

Internet:

Once the Base Station is plugged into an outlet for power, it will automatically connect to cellular. This may take a few minutes as the Base Station will search for the provider with the strongest cellular connection: Verizon, T-Mobile, AT&T, US Cellular, Rogers, Bell, Telus

Note:

As every install requires a different length power cable, the ethernet cable is to be provided by the customer. Ethernet cables are easily found at hardware store in lengths up to 400'. This enables you to easily size your power cord to whichever length you need.



Base Station: **ethernet**, wired power

Power:

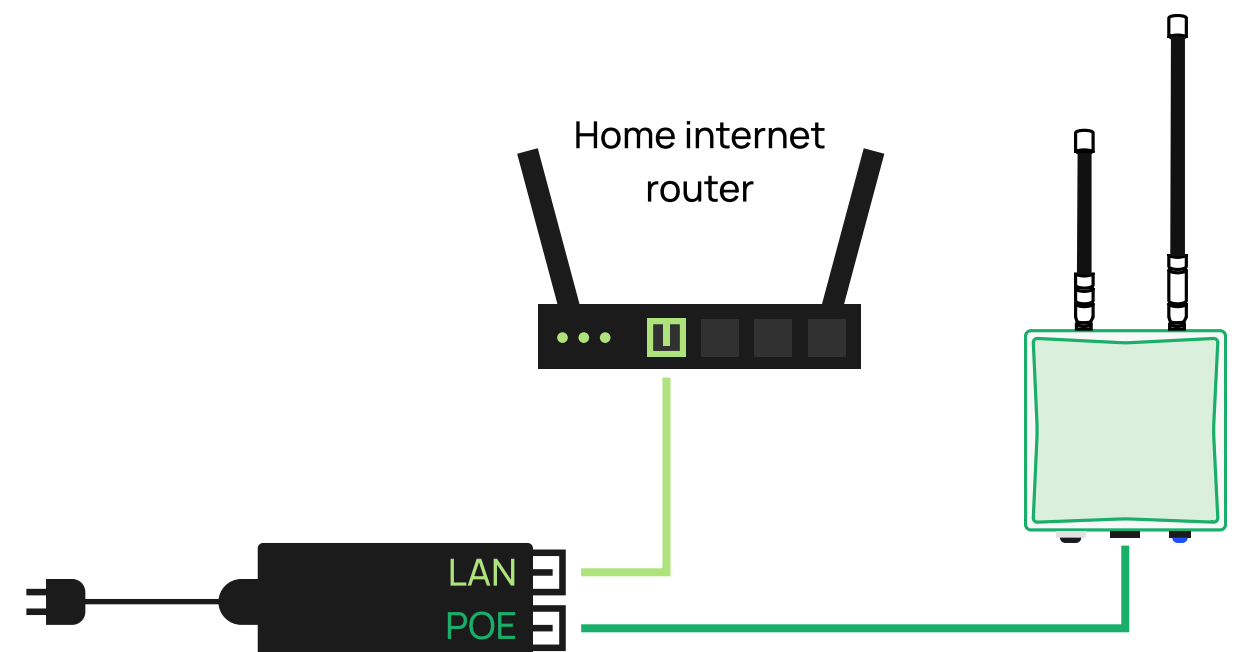
Connect the ethernet cable to the middle port on the Base Station. Plug the other end of the into the POE labeled port on the provided PoE injector. Once the POE injector is plugged into an outlet, the Base Station will power on.

Internet:

Connect the second ethernet cable to the LAN port on the provided POE injector. Plug the other end into your internet router for internet connection. If you prefer, any Base Station can switched to cellular at anytime simply by notifying Farmblox. We will activate the installed SIM card-no extra parts required.

Note:

As every install requires a different length power & internet ethernet cable, the ethernet cable is to be provided by the customer. Ethernet cables are easily found at hardware store in lengths up to 400'. This enables you to easily size your power cord and internet connection ethernet cable to whichever length you need.





Need some help?

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