

For Sensor Models: Arctic Fox, White Stork, and Yellow Mongoose

# BlueFox Sensor Setup Guide for Ethernet & Wi-Fi Backhaul

DOCUMENT FILE NAME: BLUEFOX SENSOR SETUP GUIDE

## REVISION HISTORY

<i>Revision</i>	<i>Date</i>	<i>Author</i>	<i>Description of change</i>
v3	22 May 2019	Customer Success	
v4	14 Aug 2019	Product Mgmt.	Document template & URL update
v5	29 Jan 2021	Customer Success	Document template & setup details
V6	30 Jan 2021	Customer Success	Revised Workflow

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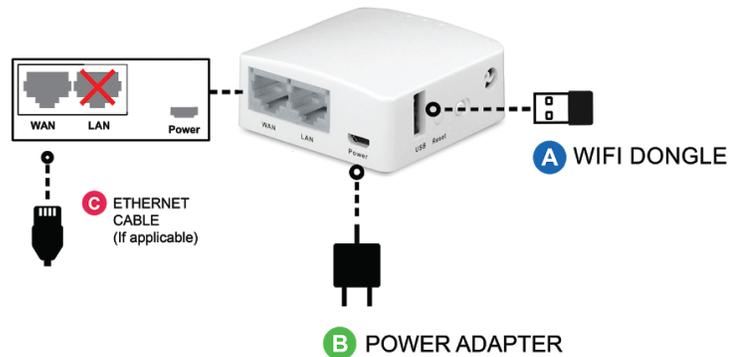
## Power Up Your Sensor

If using Wi-Fi backhaul, make sure the Wi-Fi dongle is plugged into the sensor as shown below. Then, plug in the USB cable connected to power adapter to power on the device.

**A** Plug in WiFi Dongle first

**B** Connect Power Cable with Adapter and Plug into device.

**C** Connect the Ethernet Cable (If applicable).



NOTE: The Yellow Mongoose sensor does not require a Wi-Fi dongle for Wi-Fi backhaul.

## Download BlueFox Mobile App

Find the activation code that you will have already been sent by BlueZoo. Go to [App Store](#) or [Google Play Store](#) to get the latest version of the BlueFox “Count” mobile app. Create an account. When prompted, be sure to use the **activation code earlier sent to you by email**.

## Use the Count Application to Add a Sensor

Select Main Menu to display the Locations Sidebar. Select the <+> to Add a Sensor.



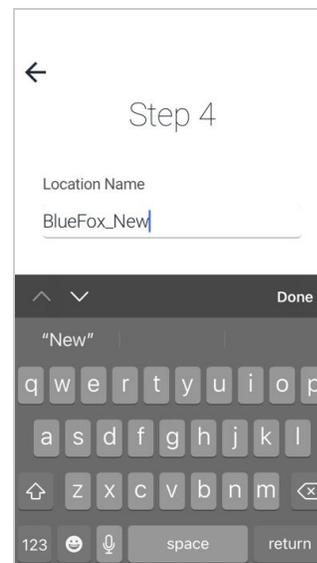
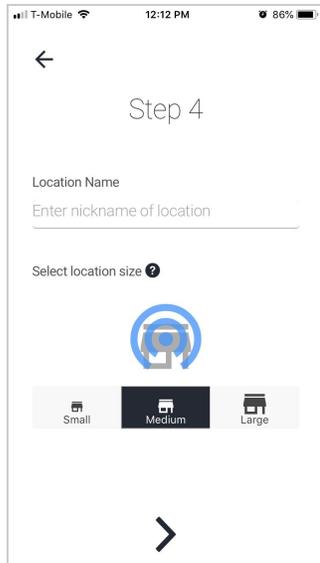
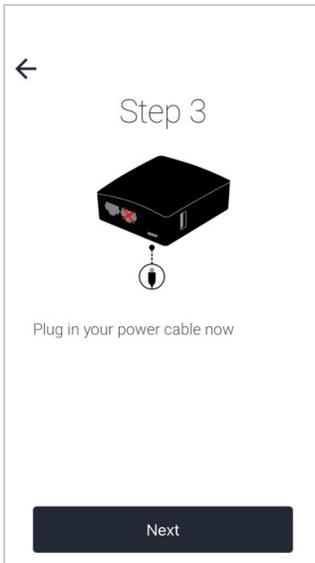
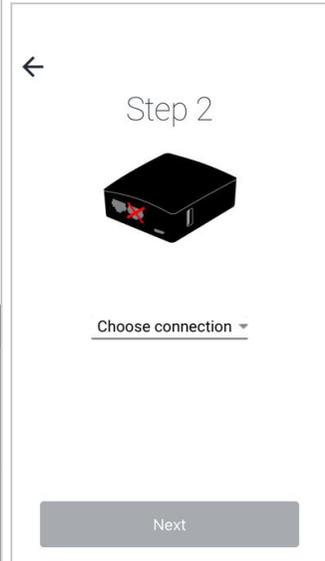
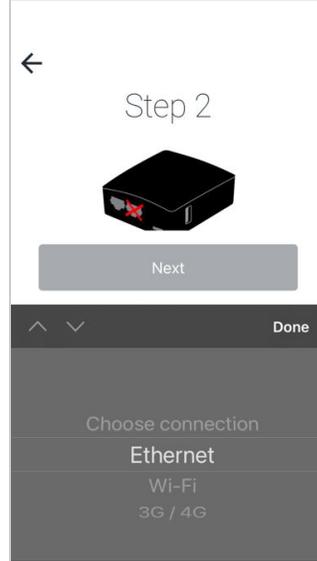
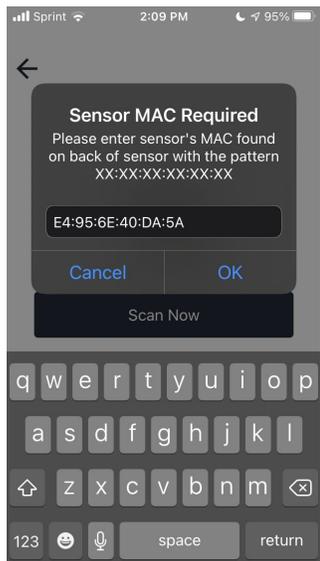
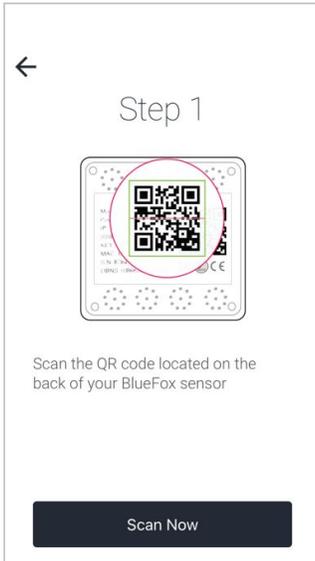
# Configure the Sensor for Ethernet Backhaul

Step 1 scan the **QR code** located on the back of your sensor.

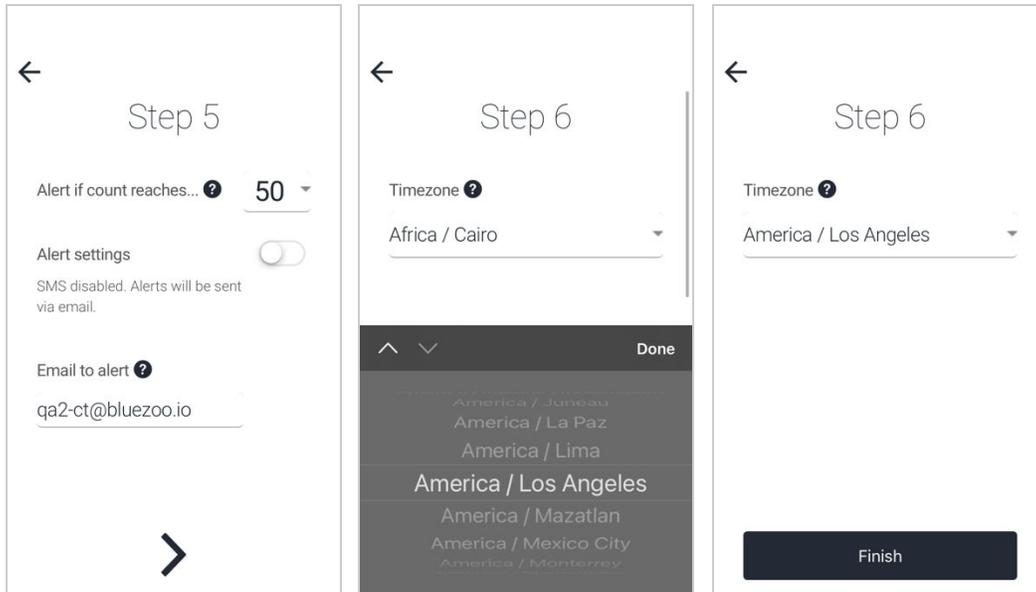
Step 2 Select **Ethernet** option from the drop-down menu and connect the ethernet cable to the **WAN** port.

Step 3 Power on the sensor.

Step 4 Give the sensor a **location name**. Select a **location size**.

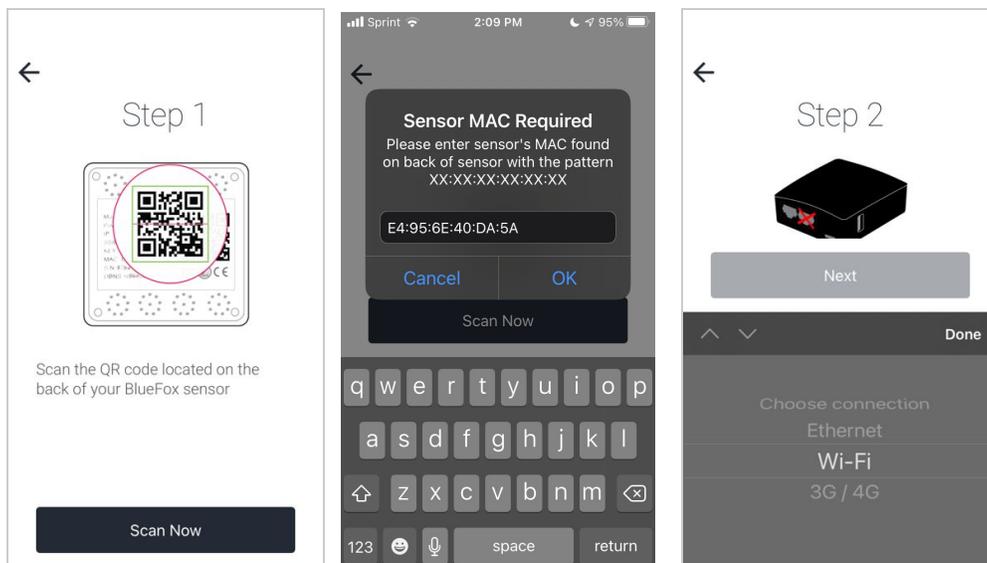


Step 5 Configure Maximum Occupancy Alert  
 Step 6 Set the Sensor Location Time Zone and Select Finish.



## Configure the Sensor for Wi-Fi Backhaul

Step 1 scan the QR code located on the back of your sensor.  
 Step 2 Select **Wi-Fi** option from the drop-down.



Step 3 Connect the Wi-Fi Dongle and Power on the sensor. *(The Yellow Mongoose sensor does not require a Wi-Fi dongle for Wi-Fi Connectivity.)*

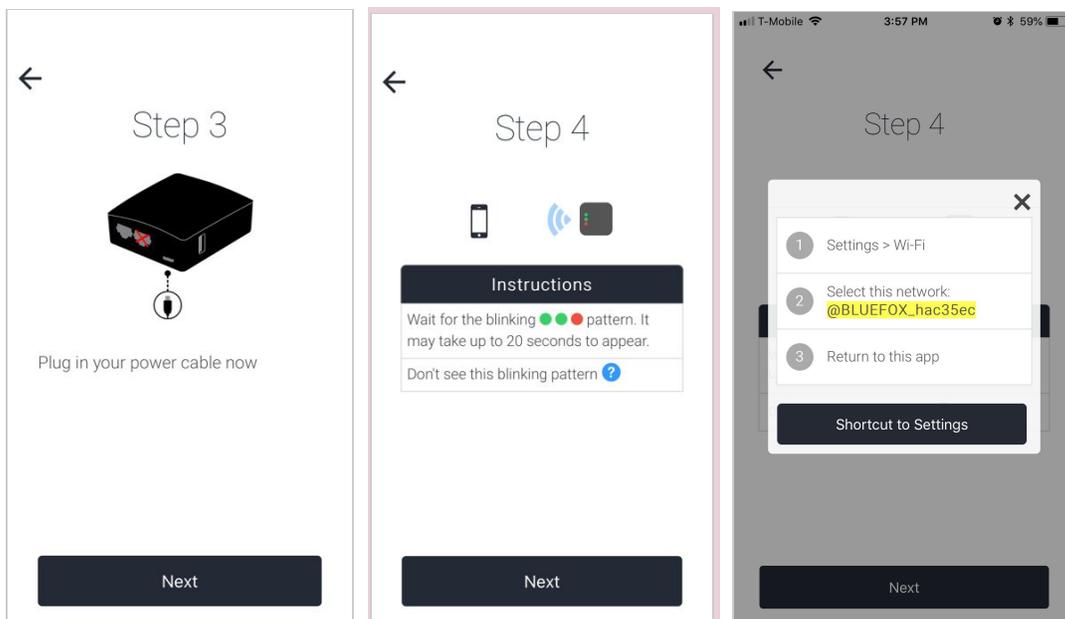
Step 4 Configure the Wi-Fi Connection. This is a two part process.

Part 1 Connect to the Sensor Temporary SSID using the smart phone Wi-Fi settings.

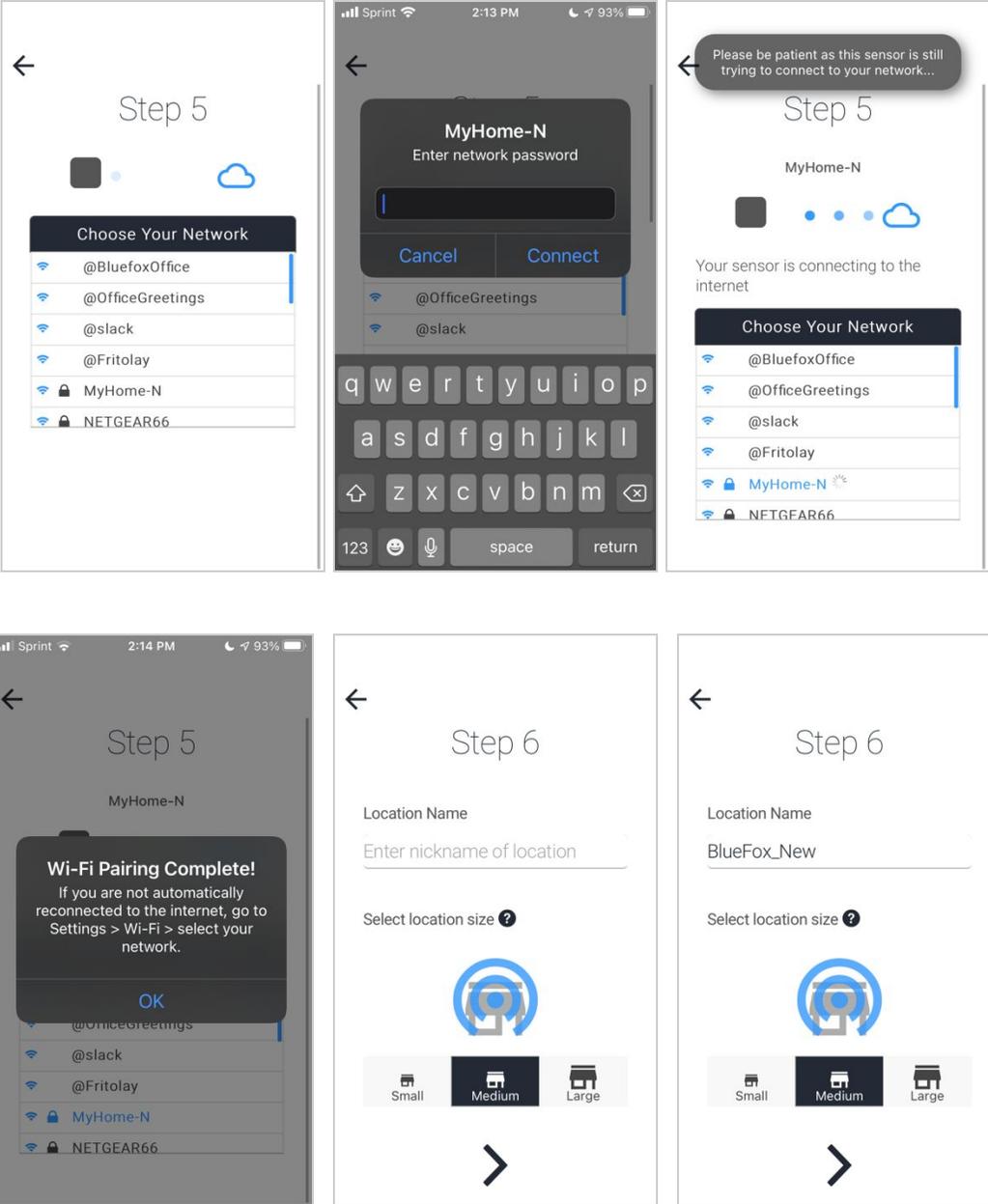
The blinking light pattern the sensor indicates the Sensor SSID is being broadcast.

Select “Next” the Sensor SSID will appear in a pop up window. The temporary SSID of your BlueFox sensor will be highlighted in yellow.

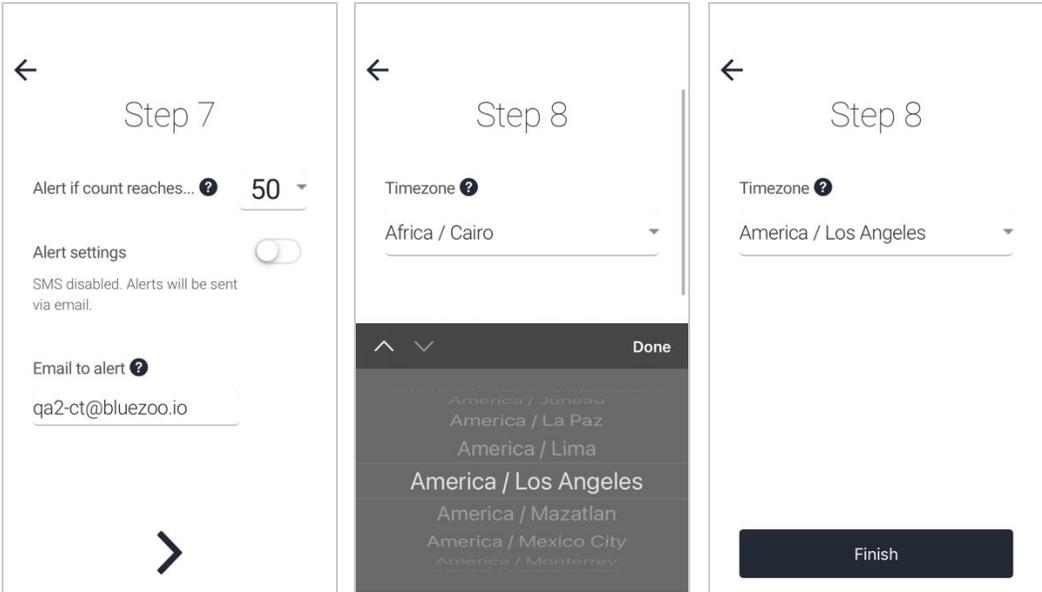
Select “Shortcut to Settings” to navigate to the Smartphone Wi-Fi Connection Settings. Choose the Wi-Fi network corresponding to the SSID of your BlueFox sensor (highlighted in yellow). This will connect the Smart Phone directly to the Sensor and enable the BlueFox Count Mobile Application to configure the Wi-Fi Access for the sensor location.



Step 5 Return to the BlueFox Mobile Application and configure the Sensor Wi-Fi. Select the Wi-Fi SSID that corresponds to the local network and enter the SSID password.  
Step 6 Give the sensor a **location name**. Select a **location size**.

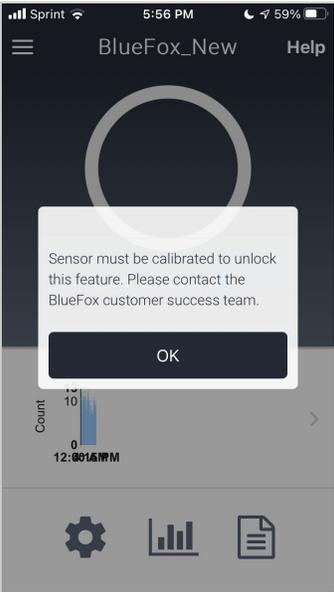


Step 7 Configure Maximum Occupancy Alert  
Step 8 Set the Sensor Location Time Zone and Select Finish.



### Calibration

BlueFox sensors require calibration before returning accurate foot traffic metrics. Presently calibration requires contacting the BlueZoo customer success team to configure.



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## Check that Your Sensor Is Online and Log In

A solid green light on your sensor indicates that it is online. Sometimes it takes a couple of minutes to go online. If it's not online, check the troubleshooting below.

Login to the following portal URLs to view additional sensor analytics:

- <https://dashboard.ap.bluefoxcloud.com> (Asia)
- <https://dashboard.bluefoxcloud.com> (Other regions)

[Download the BlueFox.io Dashboard User Guide](#) for more information.

## Troubleshooting

1. Verify that your Wi-Fi [network ports](#) are open and that you are not connected to a captive portal
2. Check that your network is broadcasting 2.4GHz Wi-Fi signal (not 5GHz)

Contact us at [support@bluefox.io](mailto:support@bluefox.io) for further assistance.