# 101-732 – NanoStation Loco M5 – P2P Setup Guide

## Introduction

This tech note will show you how to setup the 101-732 as a Point to Point network.

This mode will be ideal for connecting an intercom door station at one access point and then the room station at the other access point, or even a CCTV camera at one access point and the NVR at the other access point.

### Notes

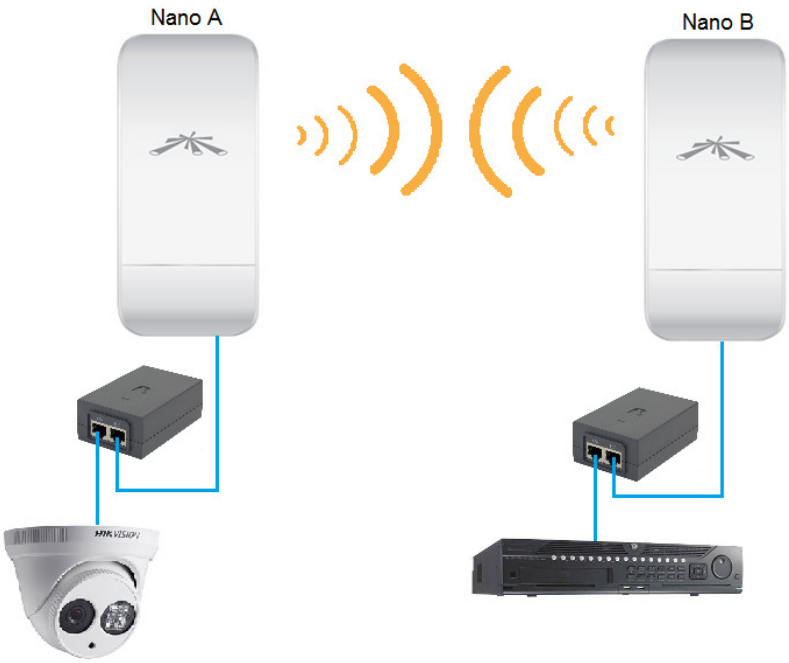
You won't be able to scan / see the access point using a Smartphone or computer once it has been setup. This is a secure hidden network.

## Hardware Required

- Computer with a working hardwired LAN connection
- 2 x 101-732 NanoStation Loco M5
- LAN Cable

## Quick Setup Guide

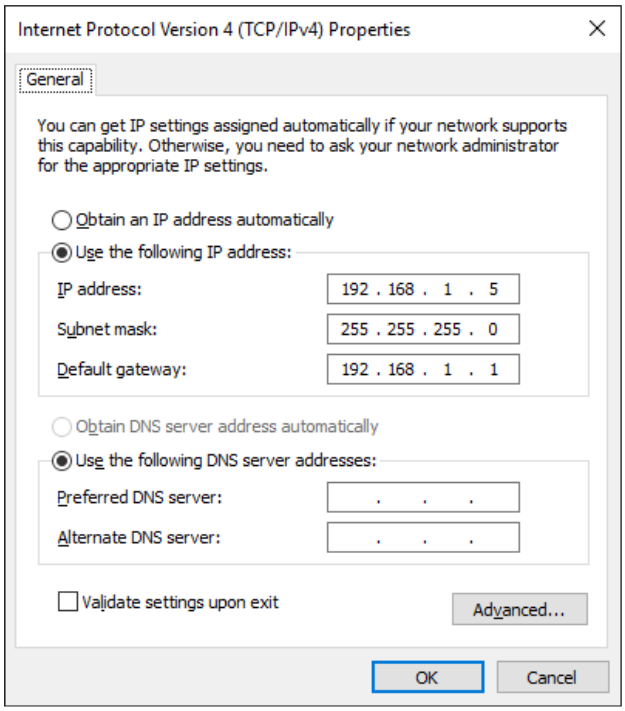
In this quick setup guide we are going to refer the units as Nano A and Nano B.



## Setting Up Nano A

1. Connect your computer to the LAN port on the PoE and the NanoStation to the PoE port and connect the PoE Adaptor to the wall socket.

2. Change your computer's IP address so it has a static IP address of 192.168.1.5 from the network and sharing center on your computer so it looks similar to the following:

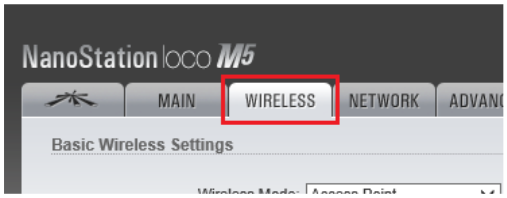


3. Open a web browser on your computer and navigate to http://192.168.1.20

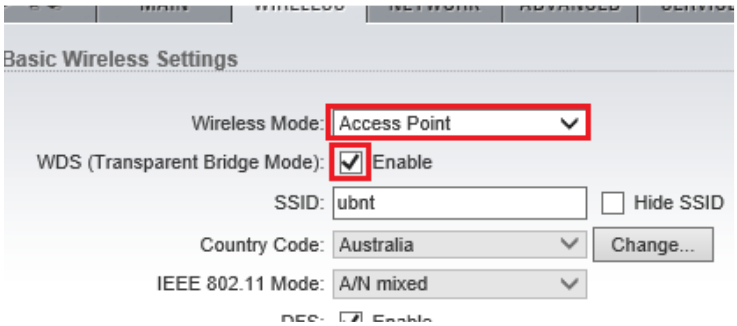
When prompt to do so, enter the username and password to login.

Default login is:
Username: ubnt
Password: ubnt

4. Once logged in click on the ‘Wireless’ tab.

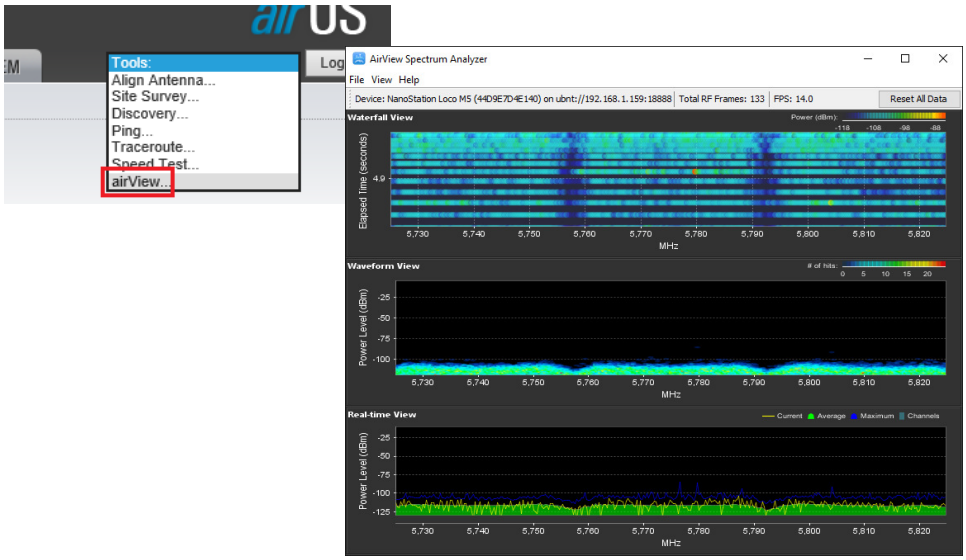



5. Change the Wireless Mode to be ‘Access Point’, and tick the WDS checkbox.

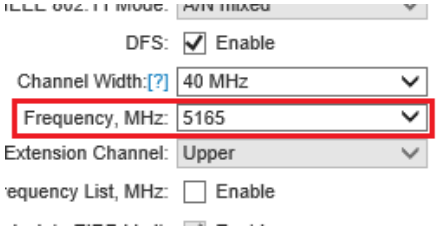



6. Set a unique SSID for your wireless bridge.
In my example I am using ubnt as the name, but recommend to use something more unique.

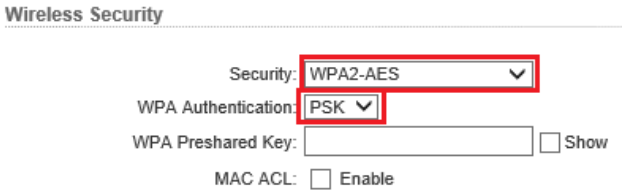
7. It's recommend to run the 'AirView' tool to select the best wireless channel.




8. Set the frequency based on your results from step 7.

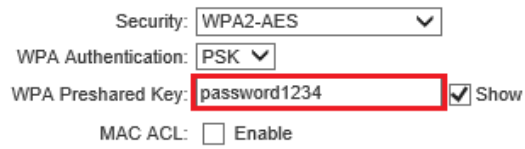



9. Set the security type to be WPA2-AES with the WPA Authertication to be PSK.




10. Set a password/preshared key for this access point.

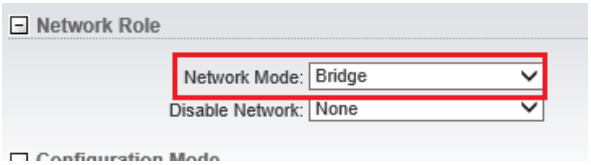
In my example I am going to use password1234



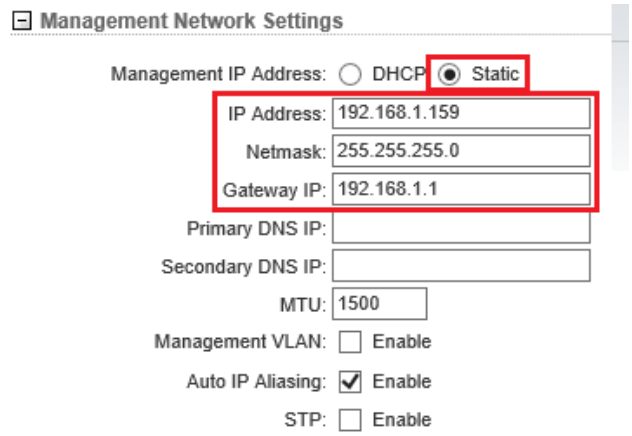

11. Click on the 'Change' button down the bottom of the page to save the values.

12. Once you click on 'Change' button, click on the 'Network' tab.
(no need to click Apply just yet)

13. Set the network mode to be ‘Bridge’.



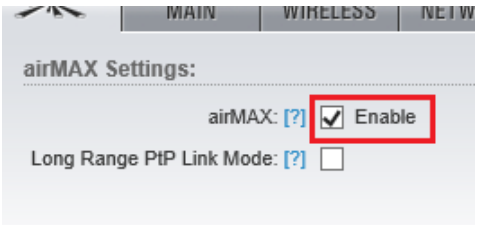

14. Set a Static IP address for this NanoStation like below:



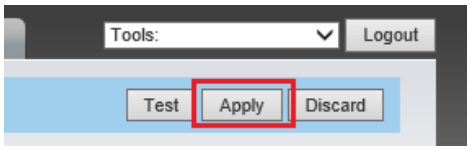

15. Click on the ‘Change’ button down the bottom of the page to save the values.

16. Once you click on ‘Change’ button, click on the first tab and long the top.
(no need to click Apply just yet)


17. Enable (tick) the airMAX checkbox and then click change.



18. Click the Apply button to save the settings to the NanoStation.




Leave this unit powered up.

Leave this unit powered up once it has been configured.

## Setting Up Nano B

1. Connect your computer to the LAN port on the PoE and the NanoStation to the PoE port and connect the PoE Adaptor to the wall socket.

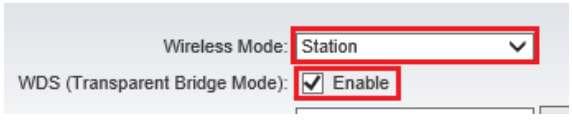
2. Open a web browser on your computer and navigate to http://192.168.1.20

When prompt to do so, enter the username and password to login.

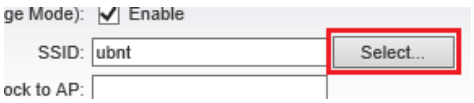
Default login is:
Username: ubnt
Password: ubnt

3. Once logged in click on the 'Wireless' tab.

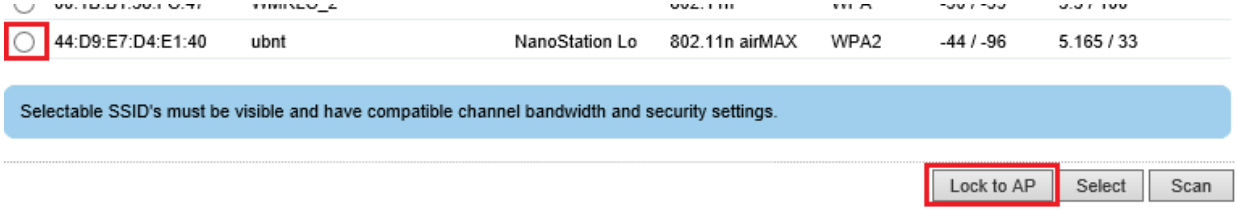

4. Change the Wireless Mode to be 'Station', and tick the WDS checkbox.



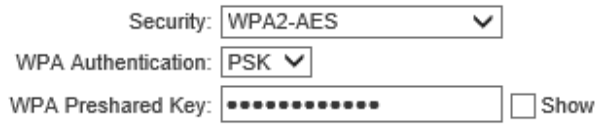

5. Click the 'Select' button next to the SSID text field and a popup window will appear.



6. Select the Nano A that we just setup from the list and click on ‘Lock to AP’



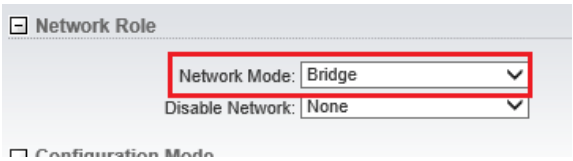

7. Enter in the wireless security settings that you used for Nano A.



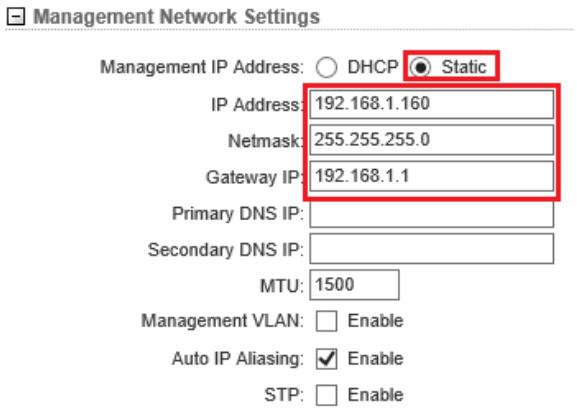

8. Click on the ‘Change’ button down the bottom of the page to save the values.

9. Once you click on ‘Change’ button, click on the ‘Network’ tab.
(no need to click Apply just yet)

10. Set the network mode to be ‘Bridge’.

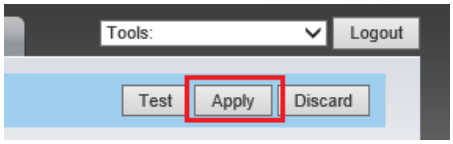



11. Set a Static IP address for this NanoStation like below:




12. Click on the ‘Change’ button down the bottom of the page to save the values.

13. Click the Apply button to save the settings to the NanoStation.




## Testing

Now that the Nano A and Nano B have been setup, you should be able to plug a device into one of the Nano devices and view that device while connected to the other Nano device.

For example: Plug a camera into Nano A, then using Nano B connect it to a NVR or computer and view that camera.

# Troubleshooting

Connect your computer to Nano A and see if you can ping both Nano A and Nano B.

If you can't ping both devices then move both NanoStations so they are within 1-5 meters and try and ping again. If it lets you ping both devices then you know the NanoStations have been setup correctly and you most likely have a wireless range issue.

If you still can't ping both devices then you have a confiuration issue and recommand you default both units and run through this quick guide again.

## Additional Information:

**Customer Service**

**Phone**: 1300 551 991 (M-F 8:30am – 5:00pm)
**Email**: customerservice@ness.com.au
**YouTube**: www.youtube.com/nesscorporation
**Tech Note ID**: 01160928AK
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