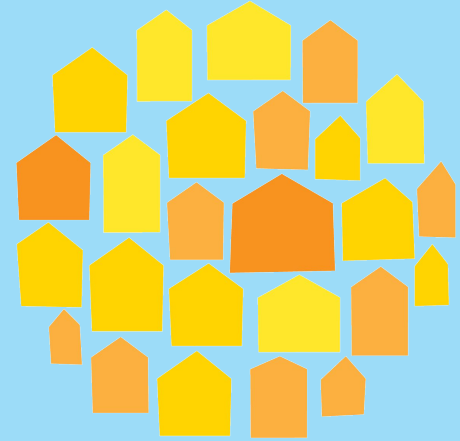
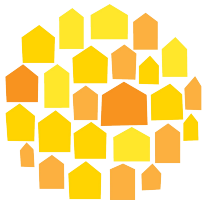


NanoStation Reconfiguration for PC Computers



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Setup:

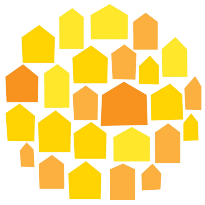
Plug an ethernet cable into the NanoStation and into the POE port on the black box.

Run another ethernet cable from your computer to the LAN port.

Plug the power cord into any outlet within range of the chosen WIFI network.

Reset the unit-

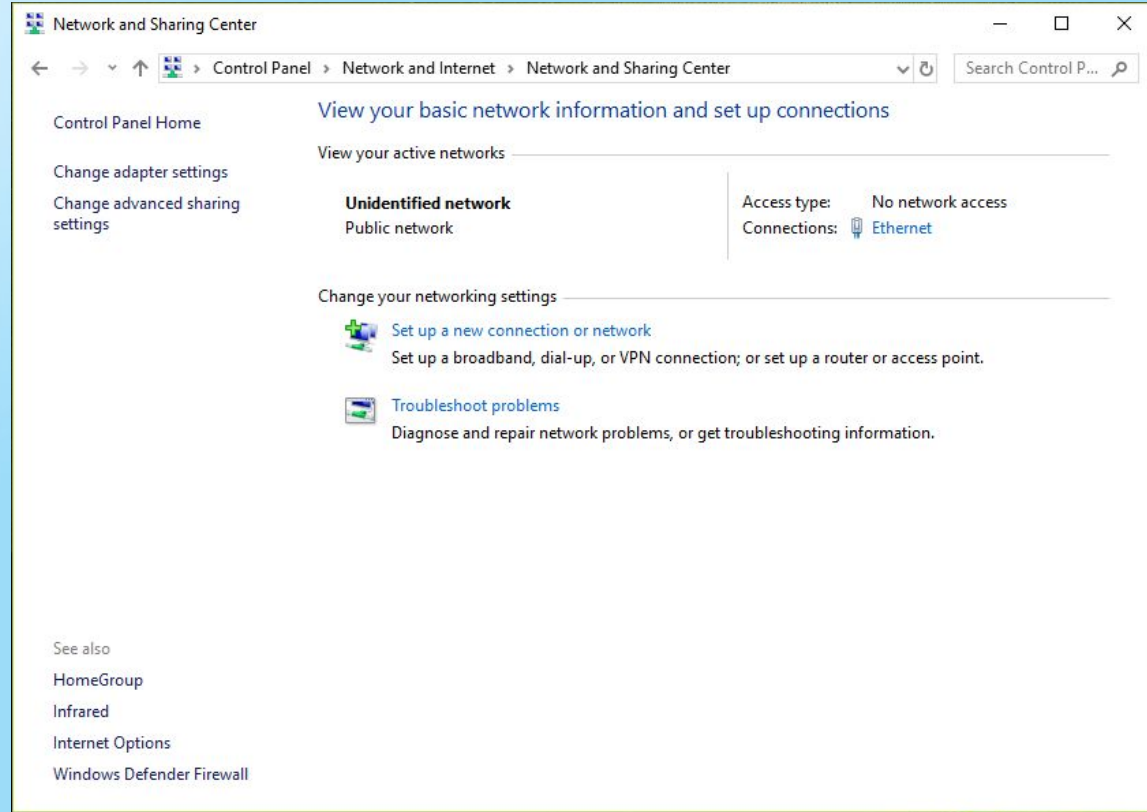
Using a pen tip or paperclip, press the reset button inside the Nano next to the ethernet port until all the lights flash once or twice (not any longer).

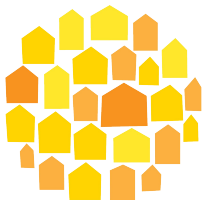


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1. Turn off your wifi

2. Go to Control Panel, then click Network, Sharing Center, and then Ethernet

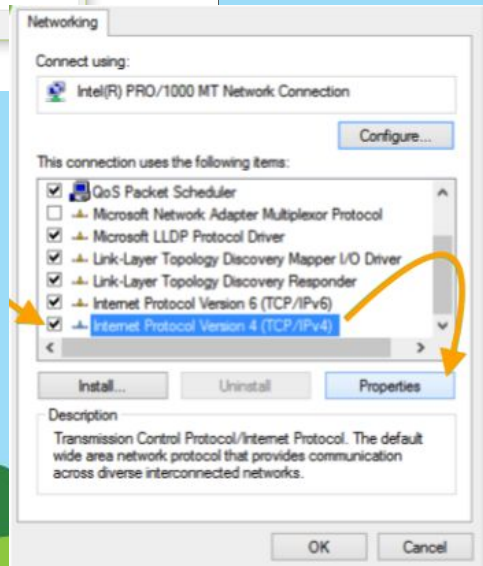
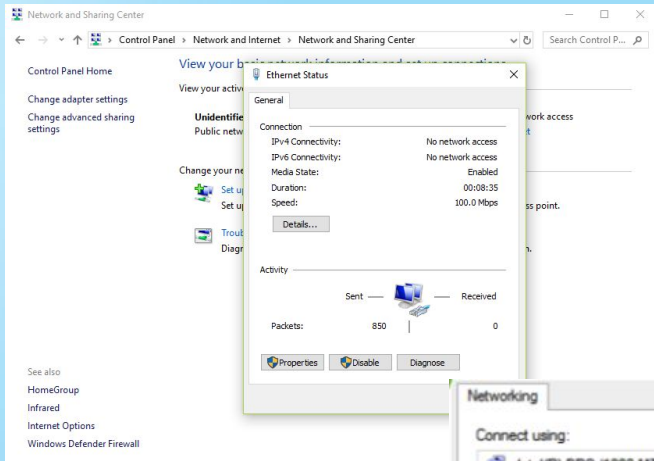


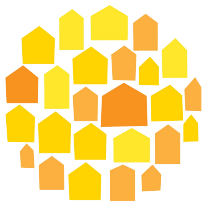


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3. Click Properties

4. Select Internet Protocol Version 4
and then Properties again





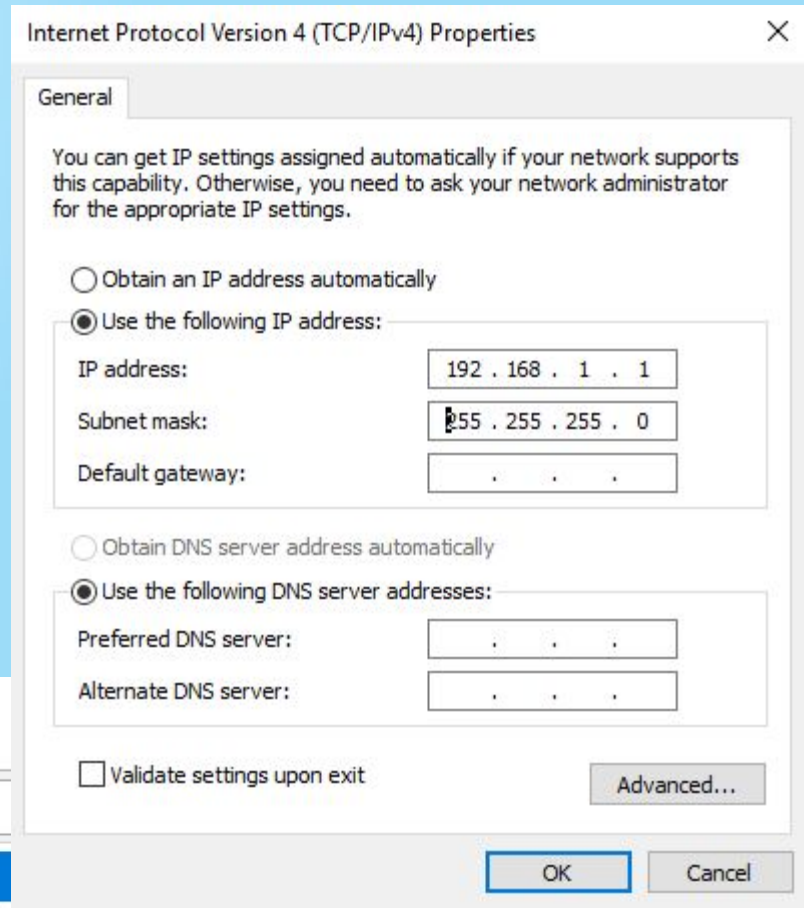
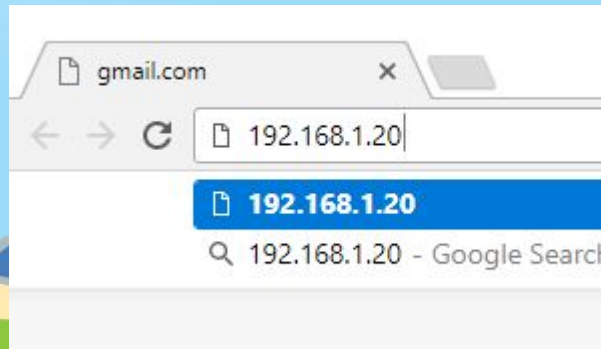
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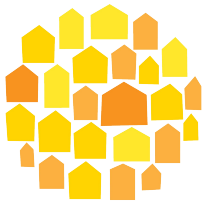
5. Click “Use the following IP” and configure the settings indicated, then click OK

IP address: 192.168.1.1

Subnet mask: 255.255.255.0

6. Type 192.168.1.20 into your browser’s address bar





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If the site cannot be reached,
refresh your page.
You may have to refresh a few times.

It's also normal for this site to be flagged as
not secure.
If that happens, select More information
and then click Go on to the webpage



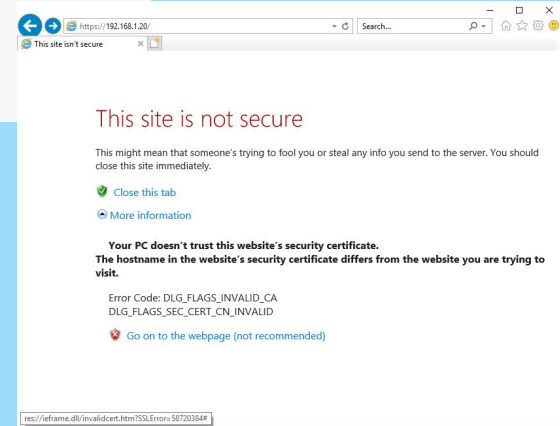
This site can't be reached

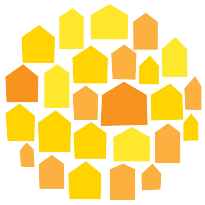
http://192.168.1.20/ is unreachable.

Try running Windows Network Diagnostics.

ERR_ADDRESS_UNREACHABLE

Reload





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7. An *airOS* screen should appear
Fill in the following information-

Username: **ubnt**

Password: **ubnt**

County: **United States**

Language: (whichever you prefer)

Agree to the terms of use and then Login

airOS™

User Name:

Password:

Country:

Language:

TERMS OF USE

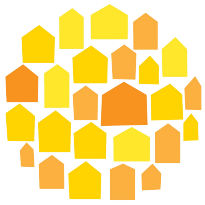
This Ubiquiti Networks, Inc. radio device must be professionally installed. Properly installed shielded Ethernet cable and earth grounding must be used as conditions of product warranty. It is the installer's responsibility to follow local country regulations including operation within legal frequency channels, output power, and Dynamic Frequency Selection (DFS) requirements. You are responsible for keeping the unit working according to these rules.

You must also read and agree to the terms of the UBIQUITI FIRMWARE LICENSE AGREEMENT in the link below before you can download or install or use the Ubiquiti airOS™ Firmware.

[UBIQUITI FIRMWARE LICENSE AGREEMENT](#)

I agree to these **TERMS OF USE** and the **UBIQUITI FIRMWARE LICENSE AGREEMENT**

Login



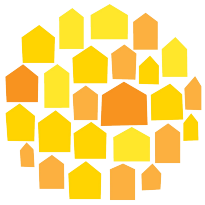
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8. Click the “Network” tab, select DHCP, then click Change and Apply (at the top of the screen)

The screenshot displays the NanoStation loco M2 web interface. At the top, there are navigation tabs: MAIN, WIRELESS, NETWORK (selected), ADVANCED, SERVICES, and SYSTEM. The 'airOS' logo is in the top right corner. Below the tabs, there is a 'Tools' dropdown menu and a 'Logout' button. The main content area is divided into sections:

- Network Role:** Network Mode is set to 'Bridge' and Disable Network is set to 'None'.
- Configuration Mode:** Configuration Mode is set to 'Simple'.
- Management Network Settings:** Management IP Address is set to 'DHCP' (selected) or 'Static'. DHCP Fallback IP is '192.168.1.20' and DHCP Fallback Netmask is '255.255.255.0'. MTU is '1500'. Management VLAN is 'Enable' (unchecked). Auto IP Aliasing is 'Enable' (checked). STP is 'Enable' (unchecked). IPv6 is 'Enable' (unchecked).

A 'Change' button is located at the bottom right of the configuration area. At the bottom of the interface, there is a 'GENUINE PRODUCT' badge and a copyright notice: © Copyright 2006-2016 Ubiquiti Networks, Inc.



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Can't reach this page

- Make sure the web address <https://192.168.1.20> is correct
- [Search for this site on Bing](#)
- [Refresh the page](#)

[More information](#)

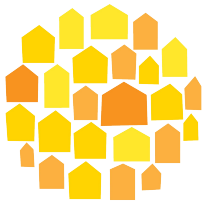
[Fix connection problems](#)

9. Click on the Wireless tab

There will be a long pause, and you will likely get a “can’t load page”. Be patient and wait a minute or two. Then click Refresh.

10. Click Select next to SSID

The screenshot shows the NanoStation 1000 M2 web interface. The top navigation bar includes tabs for MAIN, WIRELESS, NETWORK, ADVANCED, SERVICES, and SYSTEM. The WIRELESS tab is selected. The page title is "Basic Wireless Settings". The SSID field is set to "ubnt" and the "Select..." button next to it is circled in orange. Other settings include Wireless Mode (Station), WDS (Transparent Bridge Mode) (Disable), Lock to AP (empty), Country Code (United States), IEEE 802.11 Mode (B/G/N mixed), Channel Width (Auto 20/40 MHz), Frequency Scan List (Disable), Calculate EIRP Limit (Enable), Antenna (Built in (2x2) - 8 dBi), Output Power (23 dBm), Data Rate Module (Default), and Max TX Rate (MCS 15 - 130/144.4 [27] Auto). The Wireless Security section shows Security set to none. A "Change" button is at the bottom right. The footer includes "GENUINE PRODUCT" and "© Copyright 2006-2016 Ubiquiti Networks, Inc."



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11. Find your network name and click the circle next to it, then press Select.

12. Input your wifi password in the Wireless Security section. Then click Apply.

After this step, you will no longer be able to access the *airOS* page.

[NanoStation Loco M2] - Site Survey - Internet Explorer

https://192.168.1.20/survey.cgi?iface=ath0 Certificate error

<input type="radio"/>	74:3E:2B:0C:9B:08	SunCommon	802.11n	WPA2	-64 / -94	2.462 / 11
<input type="radio"/>	84:18:3A:0B:43:78	SunCommon	802.11n	WPA2	-58 / -96	2.462 / 11
<input type="radio"/>	D8:B6:B7:9A:84:72	fairpoint13344	802.11n	WPA2	-88 / -94	2.412 / 1
<input type="radio"/>	38:FF:36:94:DE:28	SCSolarMonitoring	802.11n	WPA2	-57 / -92	2.437 / 6
<input type="radio"/>	1C:49:7B:35:5B:74	SBG6700AC-84231	802.11n	WPA2	-77 / -94	2.462 / 11
<input type="radio"/>	AC:E0:69:10:1A:C6	132	802.11n	WPA2	-90 / -92	2.437 / 6
<input checked="" type="radio"/>	74:3E:2B:4C:DD:08	SunCommon Guest	802.11n	NONE	-32 / -94	2.412 / 1
<input type="radio"/>	2C:C5:D3:64:09:18	SunCommon Guest	802.11n	NONE	-49 / -96	2.412 / 1
<input type="radio"/>	F8:E7:1E:6D:33:98	SunCommon Guest	802.11n	NONE	-44 / -94	2.412 / 1
<input type="radio"/>	84:18:3A:4B:43:68	SunCommon Guest	802.11n	NONE	-42 / -96	2.412 / 1
<input type="radio"/>	38:FF:36:54:DE:28	SunCommon Guest	802.11n	NONE	-56 / -92	2.437 / 6
<input type="radio"/>	74:3E:2B:4C:9B:08	SunCommon Guest	802.11n	NONE	-63 / -94	2.462 / 11
<input type="radio"/>	84:18:3A:4B:43:78	SunCommon Guest	802.11n	NONE	-58 / -96	2.462 / 11

Selectable SSID's must be visible and have compatible channel bandwidth and security settings.

Lock to AP Select Scan

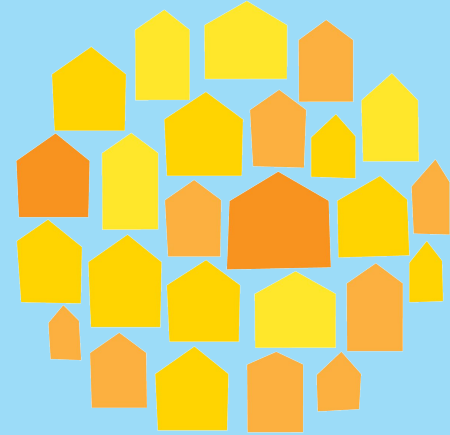
Testing & Wrap up:

13. Go back to the Network and Sharing Center and select "Obtain IP an IP address automatically".

14. With your wifi still off, try navigating to website like ESPN or Google in your browser.

If it works, then you can return your NanoStation and POE back to their original placement at your array.

- The Black POE and electrical plug must be enclosed in a weathertight box, but the Nano is outdoor rated if installed vertically.



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