Unboxing PowerBeam/Nanobeam Gen2 for mtnbeam.com

Hose camp mounting or 3.5" wood screw mounting options:

Connect power using Ethernet cable as shown:

Use Main PoE + Data Port on antenna

Other end plugs into Red PoE port on Power Inserter

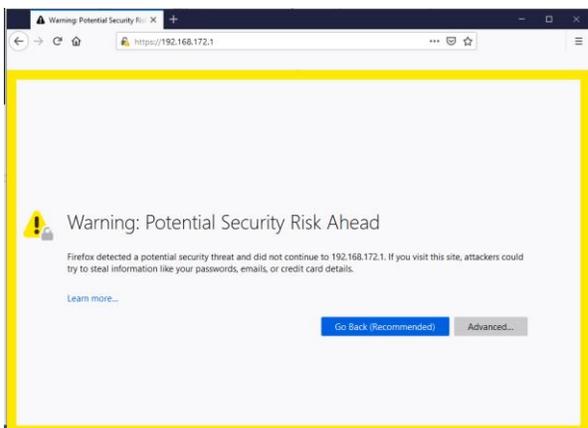**Plug in Power inserter, White LED on inserter turn on, Blue LEDs on Antenna turn on:**

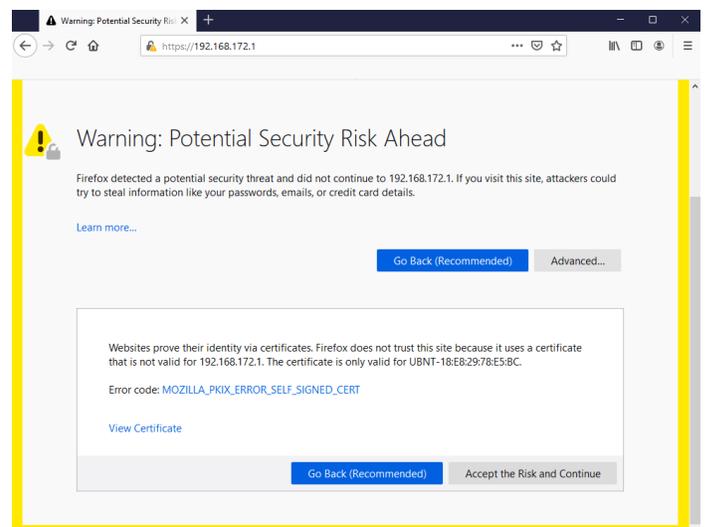# IF you have already installed AN APP on your phone, please UNINSTALL it.

The Ubiquiti APP is worse than the webpage and doesn't work.

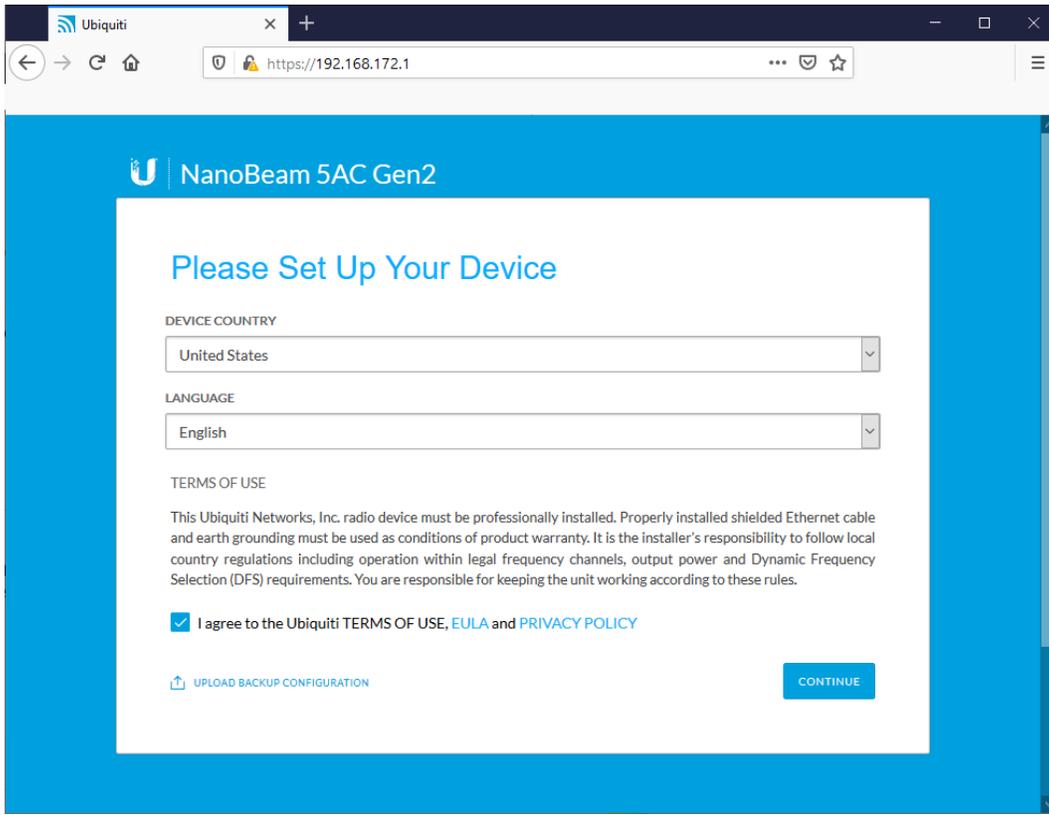## Quick Setup of Powerbeam or Nanobeam Gen2 for mtnbeam.com

1. **Mount antenna and point in the general direction of Tower using eyes.**
2. **With Laptop near antenna, scan for "NBE-5AC-Gen2:XXXXXXXXXXXX" Wi-Fi network and connect**
3. **Visit http://192.168.172.1 in web browser**
- **Proceed by accepting Self-Signed Certificate** *(firefox shown below)*
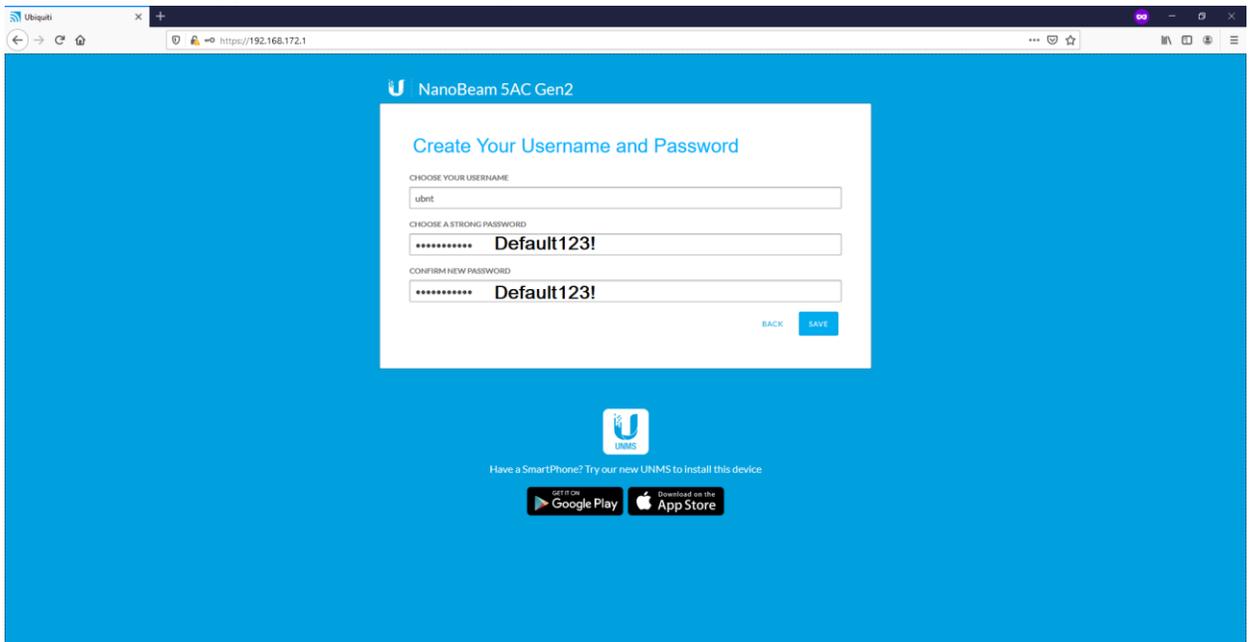

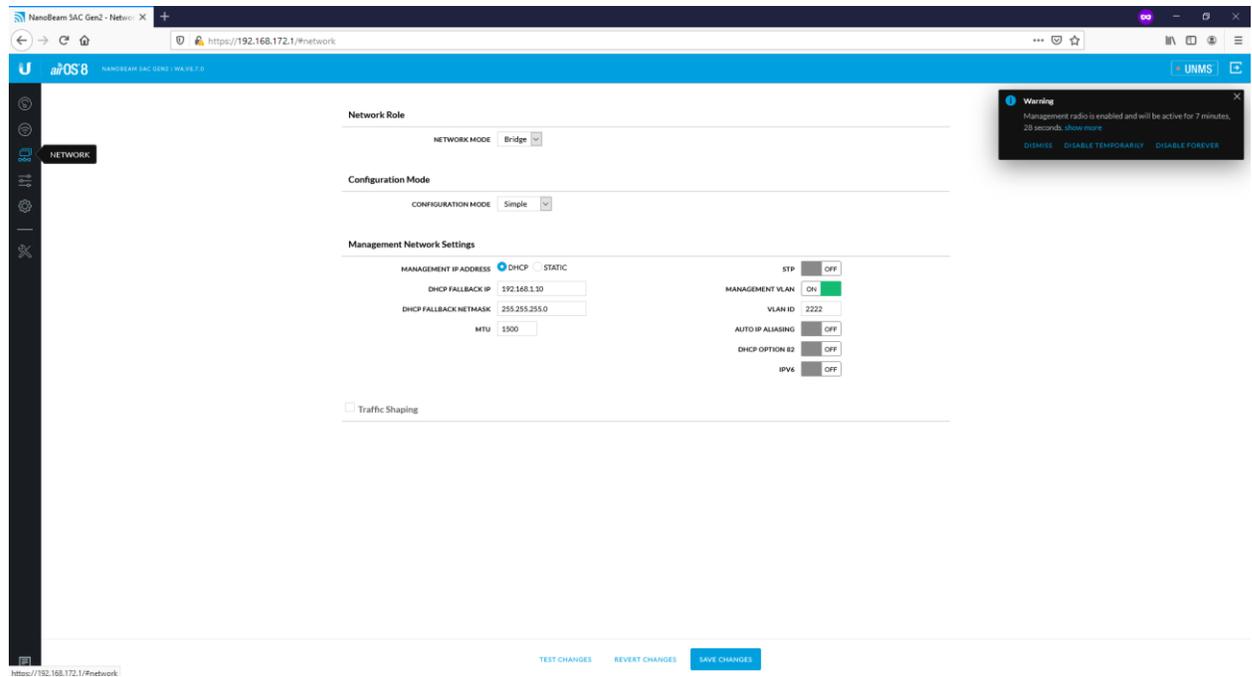**Click advance, then click Accept**

- **Select United States**

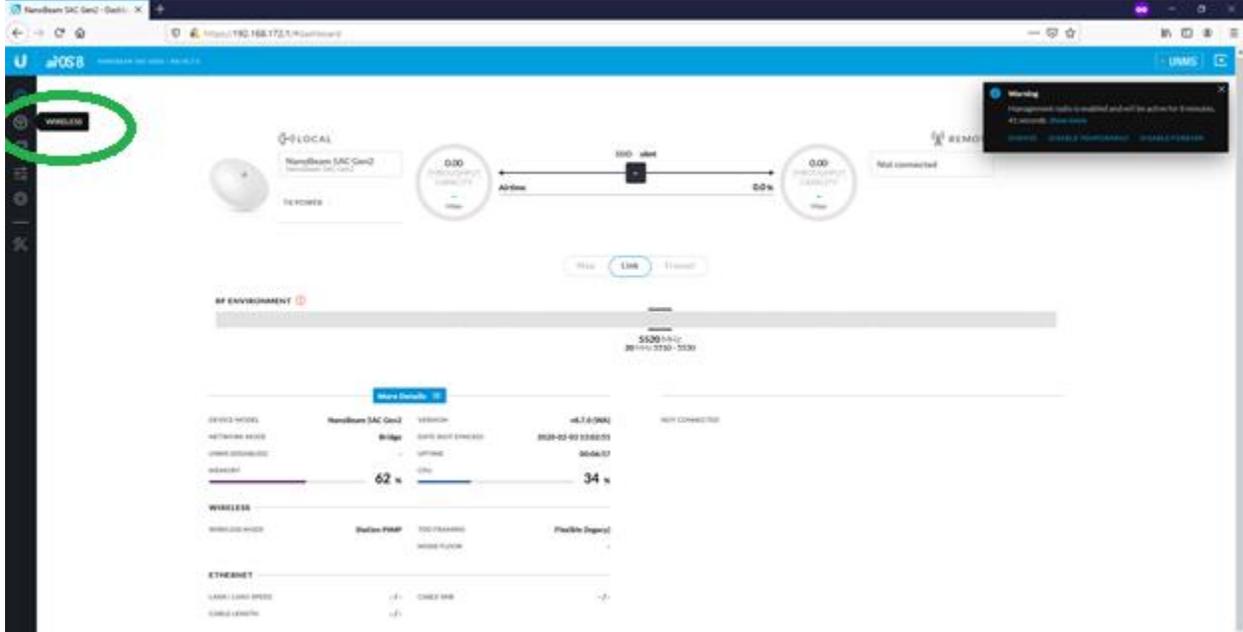- **Set username/password to ubnt/Default123!**

Now the device is initialized and first webpage is Dashboard and menu is on the LEFT (mobile and Webpage)

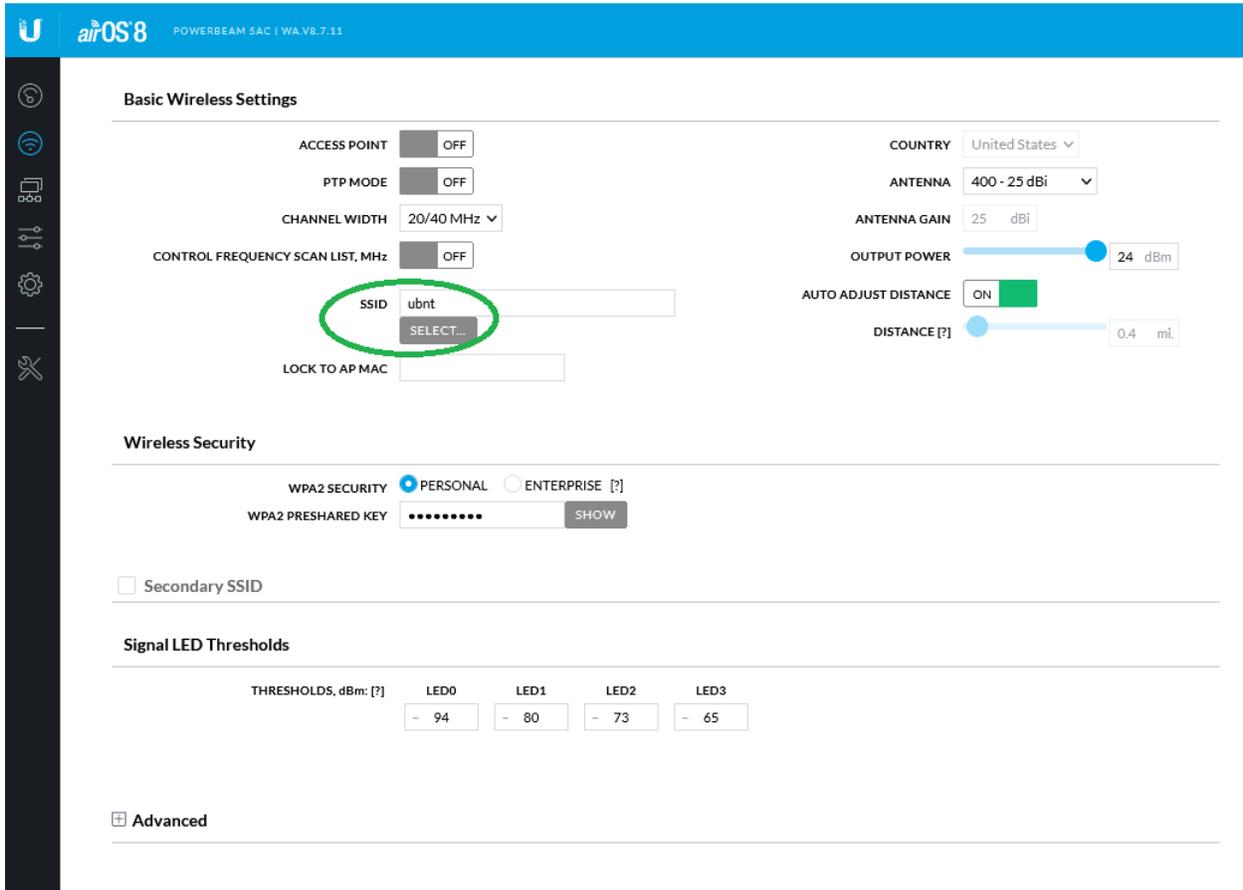- On the left menu click "Network" or type https://192.168.172.1/#network

1. For Management Network Settings Change the Management IP Address from STATIC to DHCP
2. Turn Management VLAN to "ON" and enter 2222 for VLAN ID
3. Now Click "SAVE CHANGES"

On the left menu now click "Wireless" or type https://192.168.172.1/#wireless

In Wireless Settings under the SSID box that says ubnt click the "SELECT" button

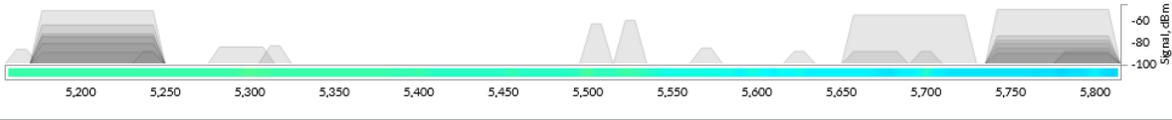**In Site Survey Box, click scan, wait, and highlight mtnbeam-## then click SELECT:**

SITE SURVEY   ✕

Scanned Frequencies >

Graphical View ⌄

Selectable SSIDs must be visible, have compatible channel bandwidth and security settings, and must be compatible with airMAX® AC technology.
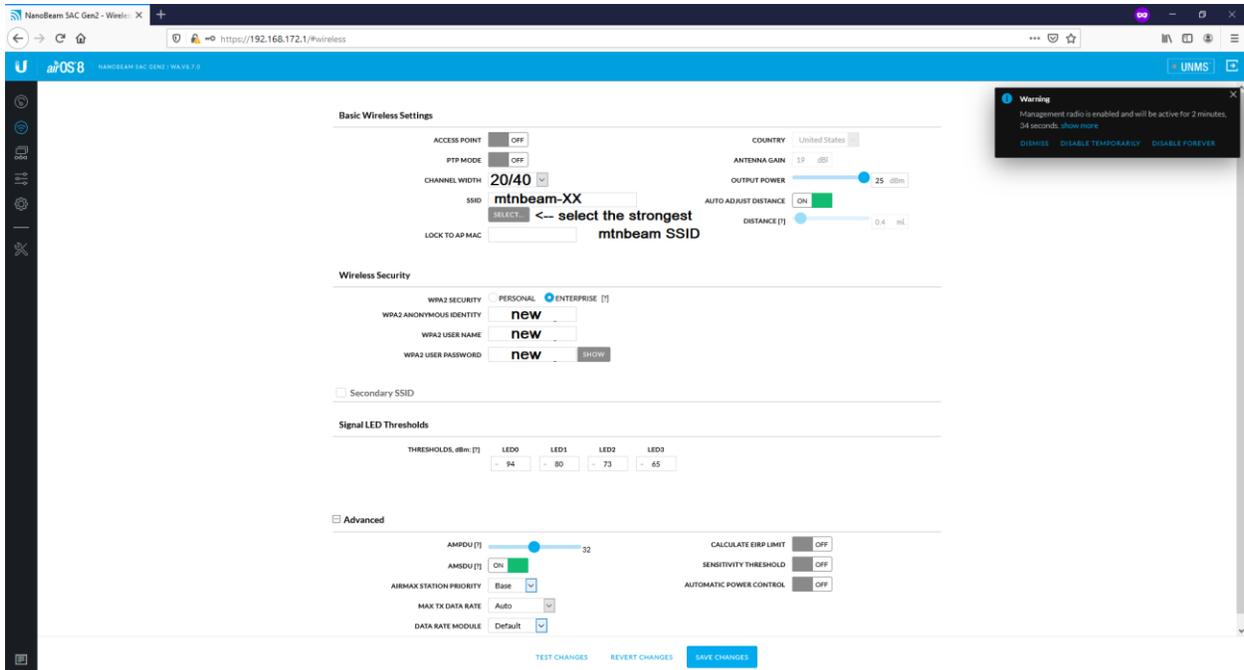
Search 🔍

	MAC ADDRESS	SSID	DEVICE NAME	RADIO MODE	ENCRYPTION	SIGNAL/NOISE, dBm ↑	FREQUENCY, GHz
⦿	24:5A:4C:06:2F:69	mtnbeam-75	mtnbeam-75	airMAX AC	WPA2	-60 / -87	5.525
◯	B4:FB:E4:5A:EA:76	mtnbeam-42	mtnbeam-42	airMAX AC	WPA2	-63 / -87	5.505
◯	E0:63:DA:62:82:7D	mtnbeam-37	mtnbeam-37	airMAX AC	WPA2	-83 / -86	5.315
◯	24:5A:4C:06:2E:1E	mtnbeam-40	mtnbeam-40	airMAX AC	WPA2	-85 / -88	5.57
◯	24:5A:4C:06:2E:4A	mtnbeam-73	mtnbeam-73	airMAX AC	WPA2	-86 / -88	5.165
◯	F4:92:BF:BC:E8:1C	mtnbeam-72	mtnbeam-72	airMAX AC	WPA2	-88 / -88	5.625
◯	B4:FB:E4:5C:CE:3D	mtnbeam-43	mtnbeam-43	airMAX AC	WPA2	-88 / -92	5.7

click the clumn to get the arrow up

transmitters sorted best to worse

*** -60 is the strongest ***

SHOW ALL ENTRIES

LOCK TO AP   SELECT   SCAN

Now SSID says mtnbeam-XX, Under Wireless Security click Enterprise, for initial contact use WPA2 Username *new* and WPA2 Password *new.* Then Click SAVE CHANGES at bottom.

If is ALSO sometimes necessary to turn OFF The three boxes under advance and turn UP the transmit power to maximum:

Calculate EIRP Limit, Sensitivity Threshold, and Automatic Power Control CAN all be OFF

Go back to the Main page http://192.168.172.1/, or clicking the Refresh…

Not Connected

Connected!

Antenna pointing is now able to be fine-tuned using the Tools → Alignment

Antenna setup complete.

Plug factory Reset Router into other port of Power inserter

http://mtnbeam.com should be accessible to pay for service now

https://account.mtnbeam.com/dash/forgotpassword to create a password.

http://www.mtnbeam.com/contact for help