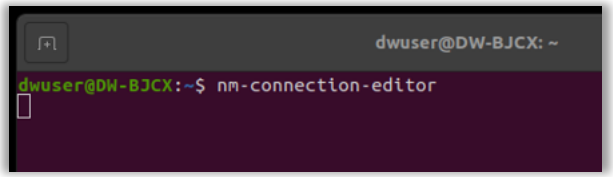
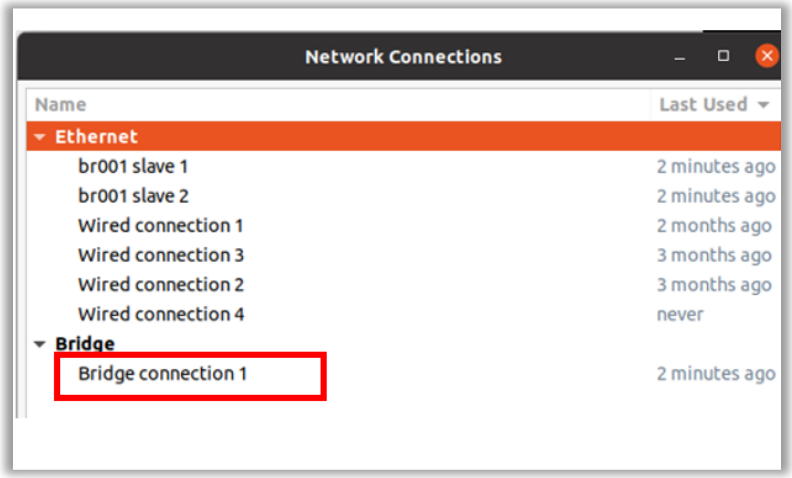
DW-BJCX:
How to change the Bridge IP address and DHCP Range for cameras connected to the CX integrated PoE switch.

Step 1: Change Bridge IP Address

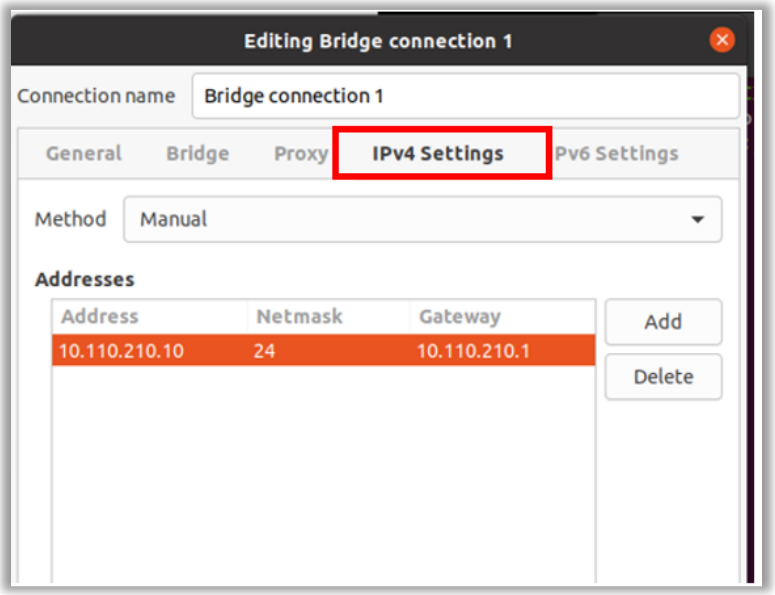
1. Open a terminal by pressing CTRL+ALT+T
2. Type **nm-connection-editor** and hit enter.



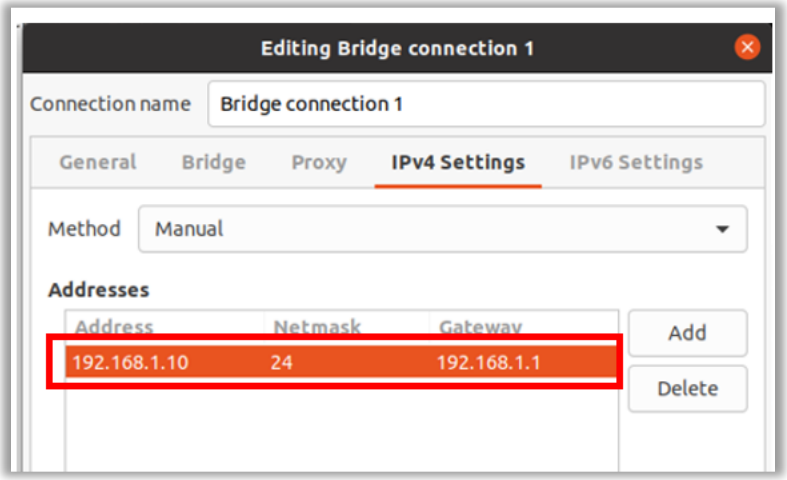
3. Double click on **Bridge connection 1**



4. Click on the IPv4 Settings Tab.



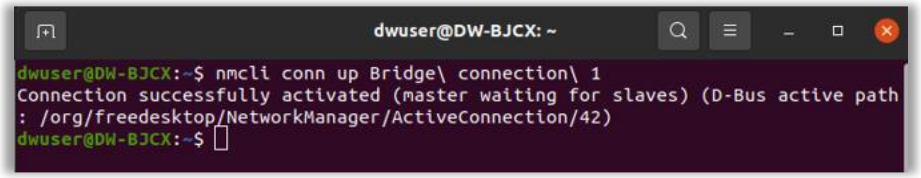
5. Click on the address field and gateway to customize it for your network.



6. Click Save.

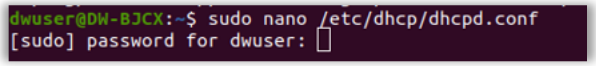
Step 2: Restart the bridge after IP configuration change

1. Open a terminal by pressing CTRL+ALT+t
2. Type **nmcli conn up Bridge\ connection\ 1** and hit enter.



Step 3: Update the DHCP IP address range

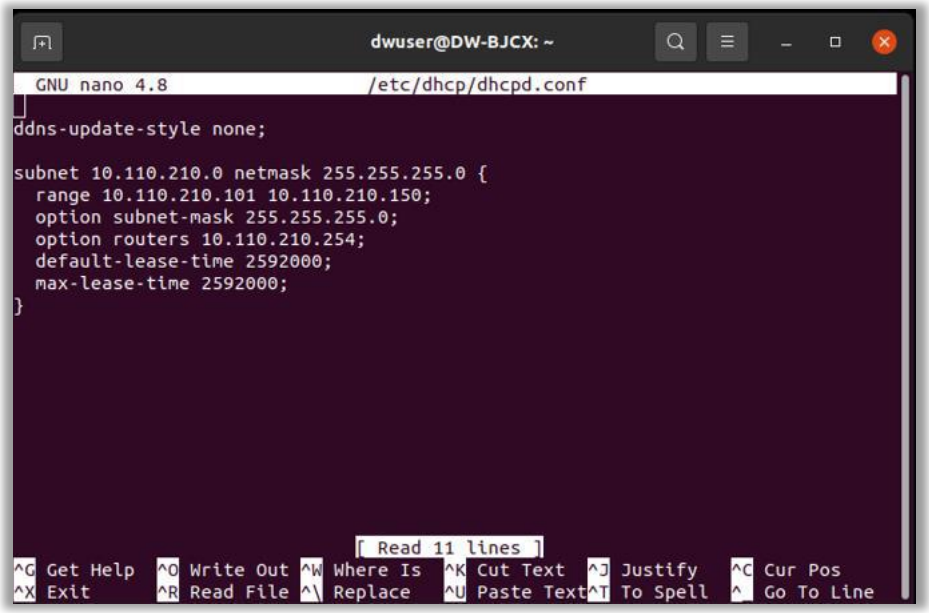
1. In the same terminal window, type sudo nano /etc/dhcp/dhcpd.conf and hit enter.



2. Type in the dwuser root password Dw5pectrum
3. The nano editor will open and you can edit the DHCP range by editing the 3 lines containing

subnet 10.110.210.0 netmask 255.255.255.0
range 10.110.210.101 10.110.210.150
option routers 10.110.210.254

** The configuration will depend on your network, so contact your network administrator.

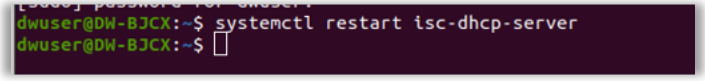


4. After editing, Press CTRL + o to save the file. Hit enter.

5. Press CTRL + x to exit.

Step 4: Restart the DHCP Server

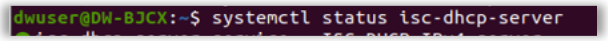
1. In the same terminal window, type systemctl restart isc-dhcp-server and hit enter.



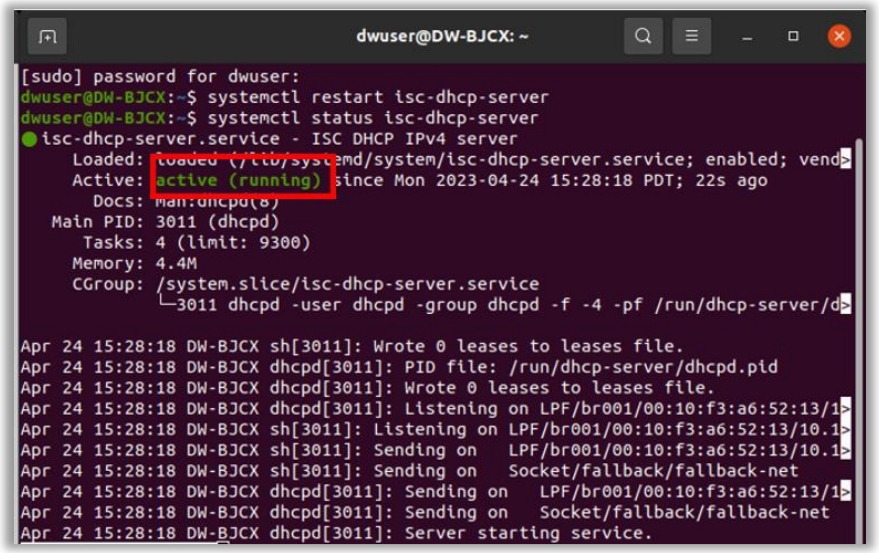
2. If prompted for the password, enter Dw5pectrum

Step 5: Check the status of the DHCP Server

1. Type systemctl status isc-dhcp-server and hit enter.

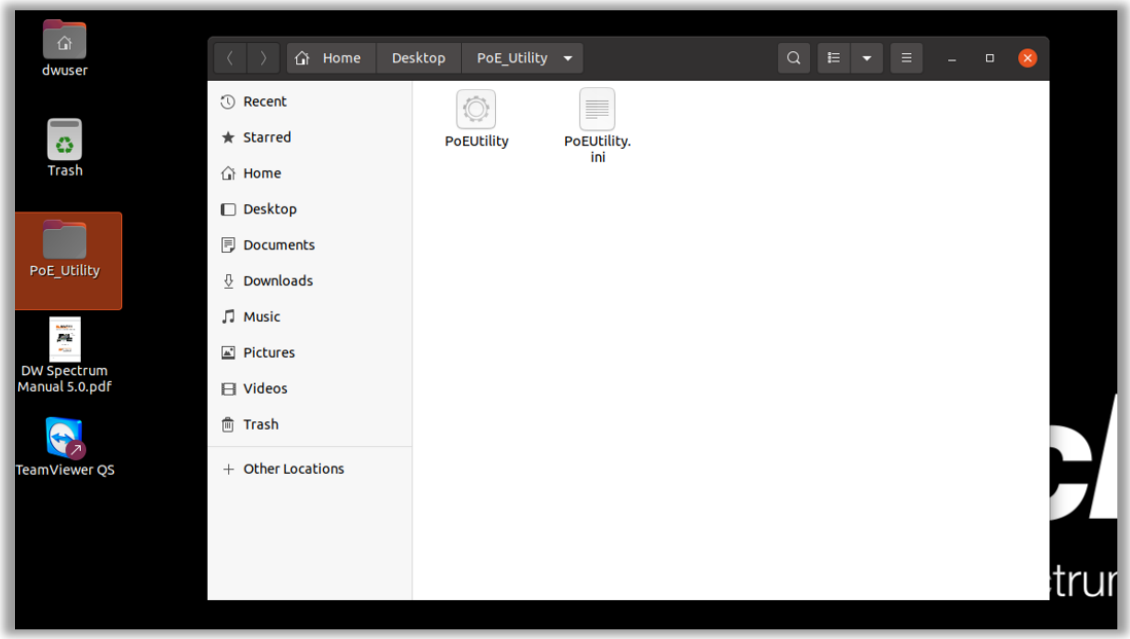


2. The DHCP service should show as active

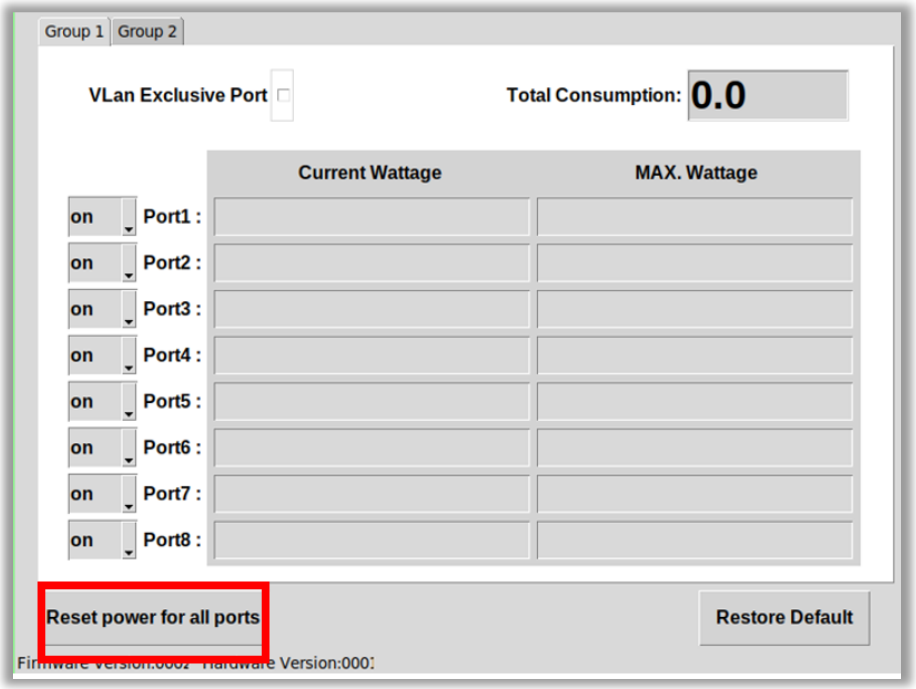


Step 6: Power cycle the PoE Switch using the PoE Utility

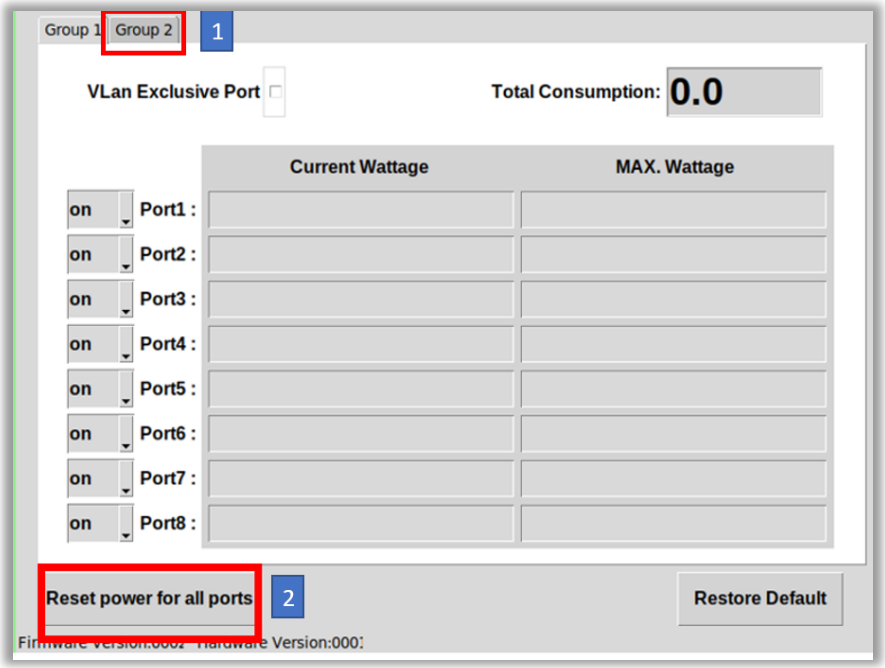
1. Double click on the PoE Utility shortcut in the PoE_Utility folder on the desktop.



2. Click on the “Reset power for all ports” button to recycle power for all PoE ports.



The status of each port should change from on to off and back to on again.
Make sure to do the same thing for “Group 2”



Test the cameras using IP finder to verify the Bridge IP and DHCP settings.