

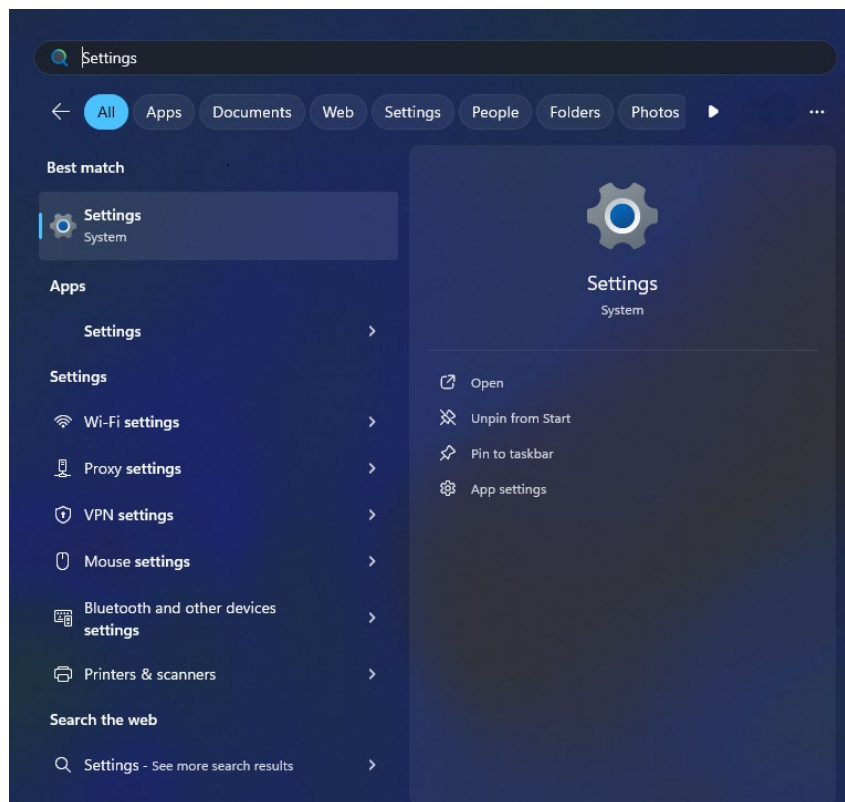
Technical Bulletin

MESA 1.0/2.0 (Software Release 1.62.0) VNC Set-up

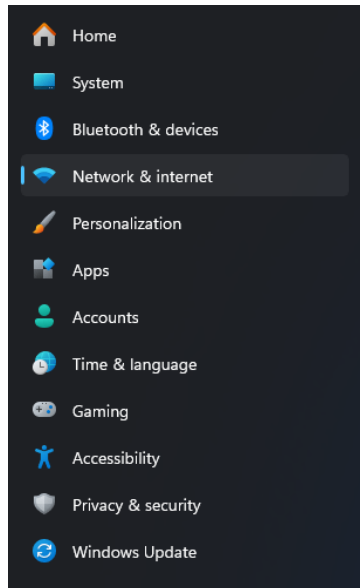
PROPRIETARY

This bulletin explains how to use VNC with IPv4 on a computer running Windows 11 to control a MESA via a direct Ethernet connection (i.e. with no router).

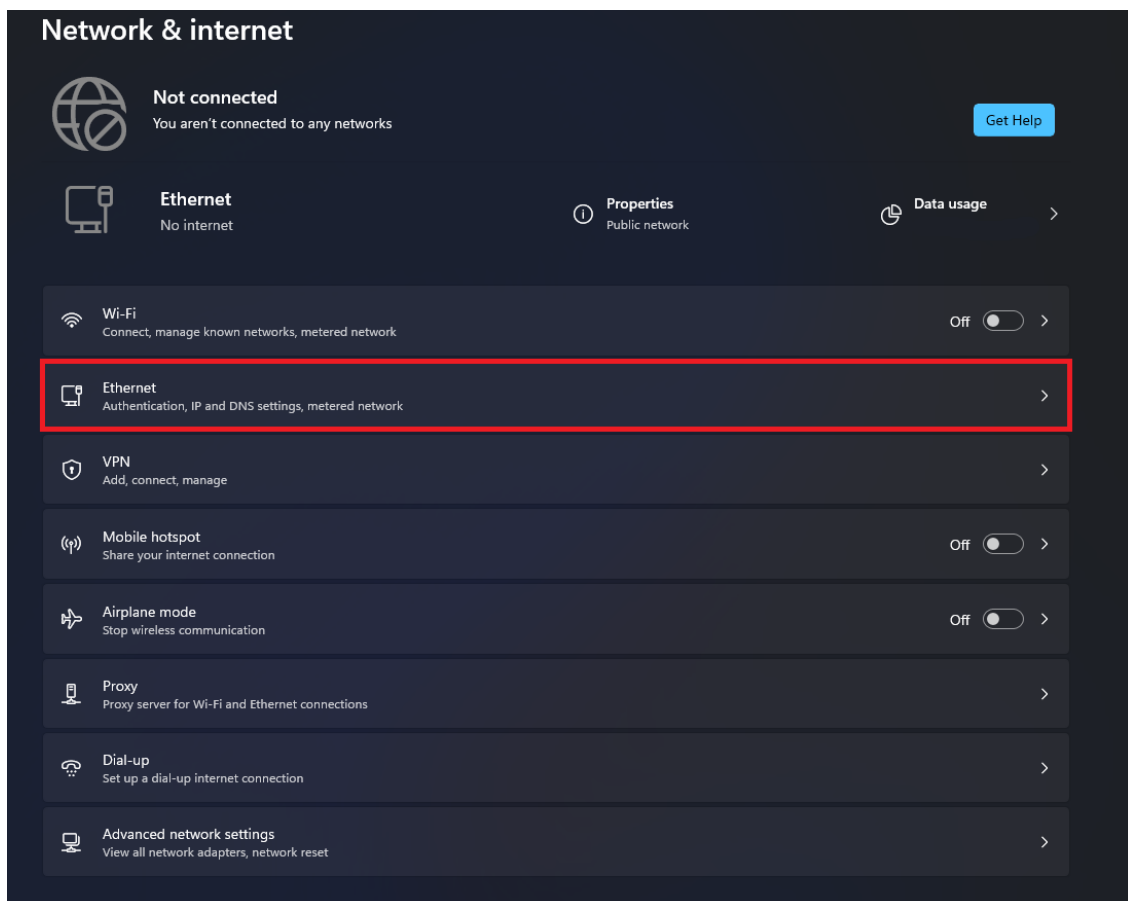
1. **Connect Ethernet Cable:** Plug the Ethernet cable directly from the MESA device to your PC.
2. **Access Settings:** Click the Windows button, then search for and open **Settings**.



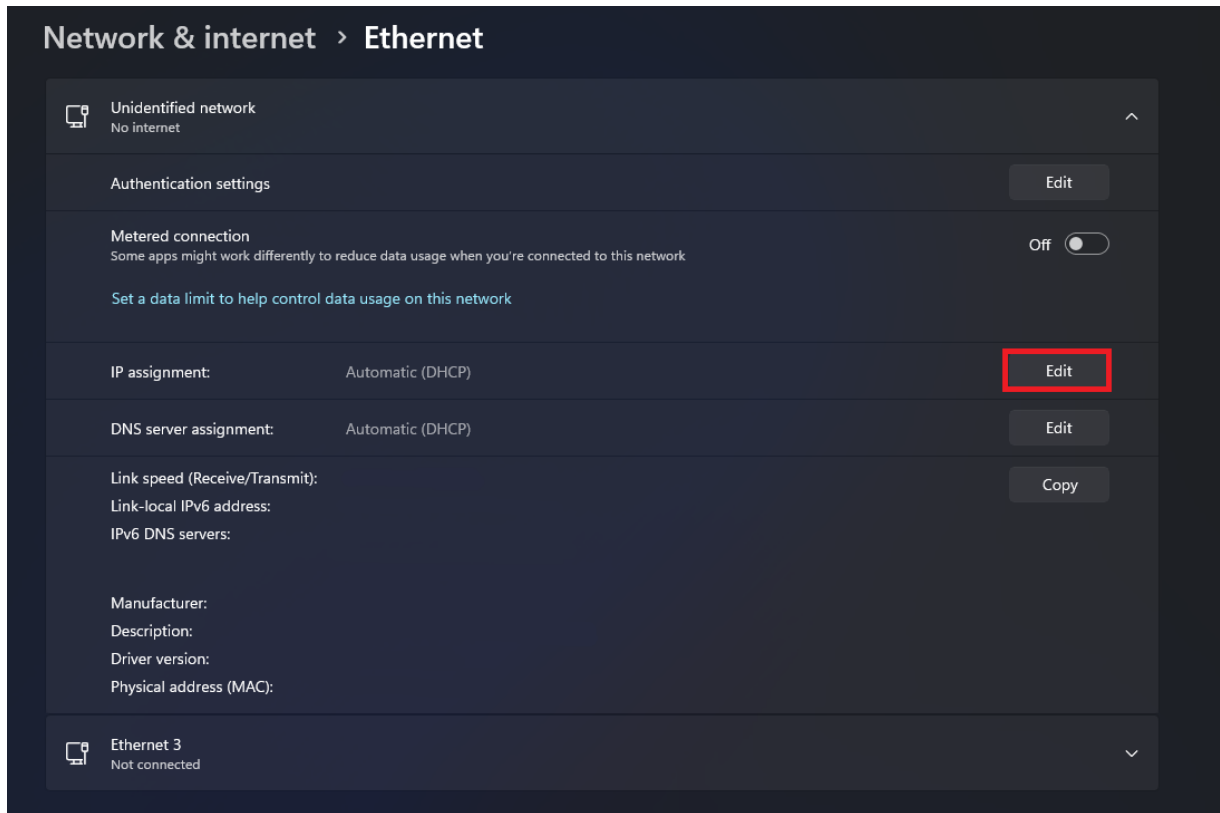
3. **Navigate to Network Settings:** Go to the **Network & Internet** tab.



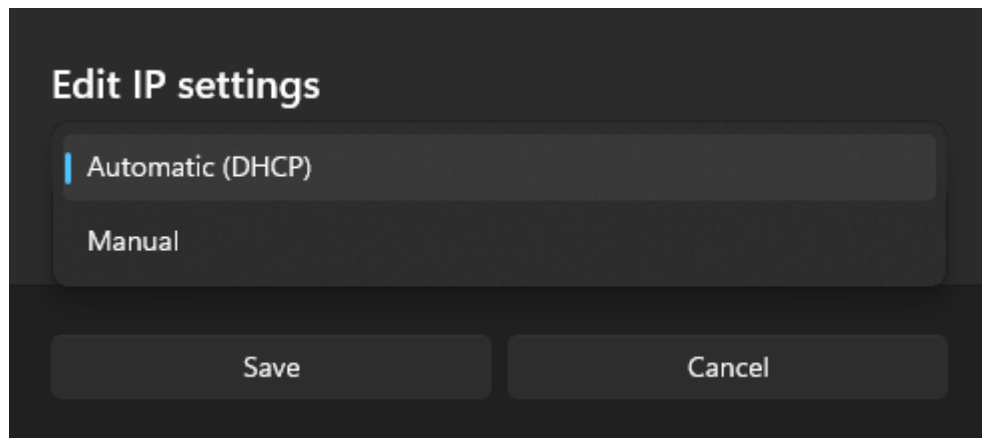
4. **Select Ethernet:** Click on **Ethernet** option.



5. **Edit IP Assignment:** Click **Edit** next to the **IP Assignment** option. If you have multiple networks connected, make sure you are selecting the Ethernet adapter's network that is connected to the MESA.

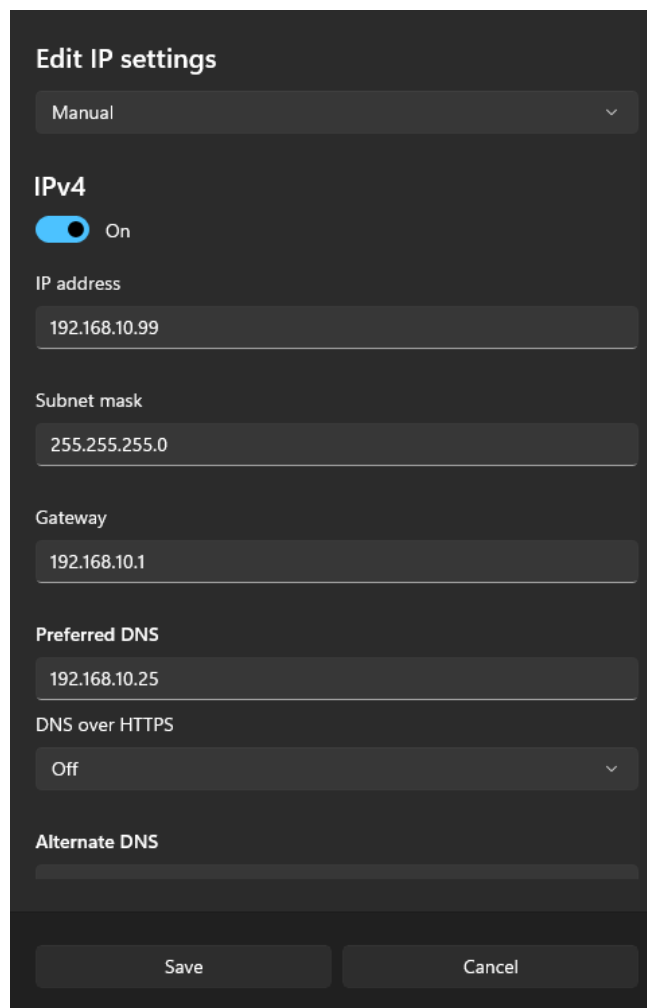


6. **Choose Manual Configuration:** From the dropdown menu, select **Manual**.



7. **Enable IPv4:** Toggle the IPv4 option to **On**.

8. **Enter IP Address:** Input your desired IP address (e.g., **192.168.10.99**). Ensure that the selected address is not within the address range of any other network your computer is connected to. For example, if your computer is connected to a network using the 192.168.10.x range, avoid setting the first three octets of your IP address to 192.168.10.
9. **Set Subnet Mask:** Enter **255.255.255.0** as the subnet mask.
10. **Specify Gateway:** Enter the gateway (change the last octet of your IP to **1**, e.g., **192.168.10.1**).
11. **Configure Preferred DNS:** Choose a preferred DNS server (use your IP with a different last octet, e.g., **192.168.10.25**).



Edit IP settings

Manual

IPv4

On

IP address

192.168.10.99

Subnet mask

255.255.255.0

Gateway

192.168.10.1

Preferred DNS

192.168.10.25

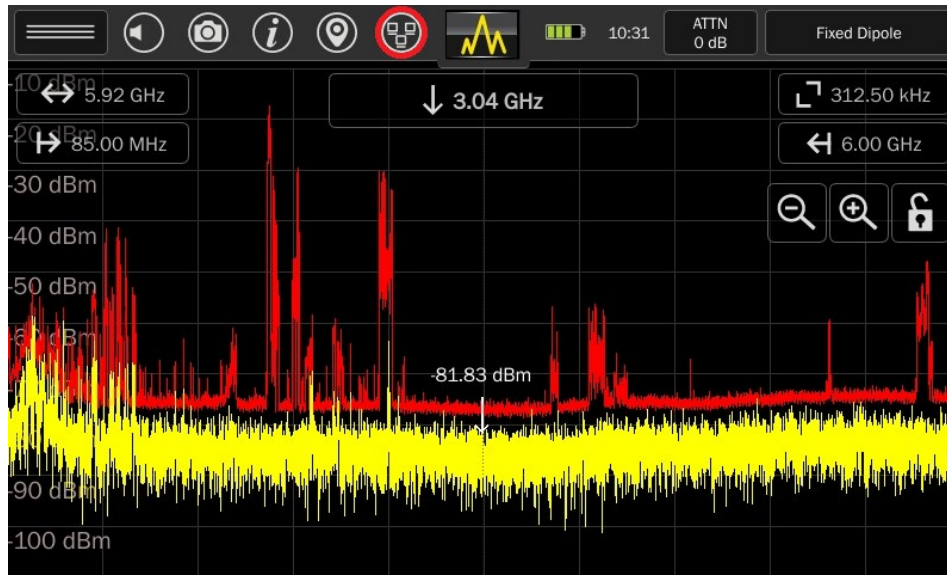
DNS over HTTPS

Off

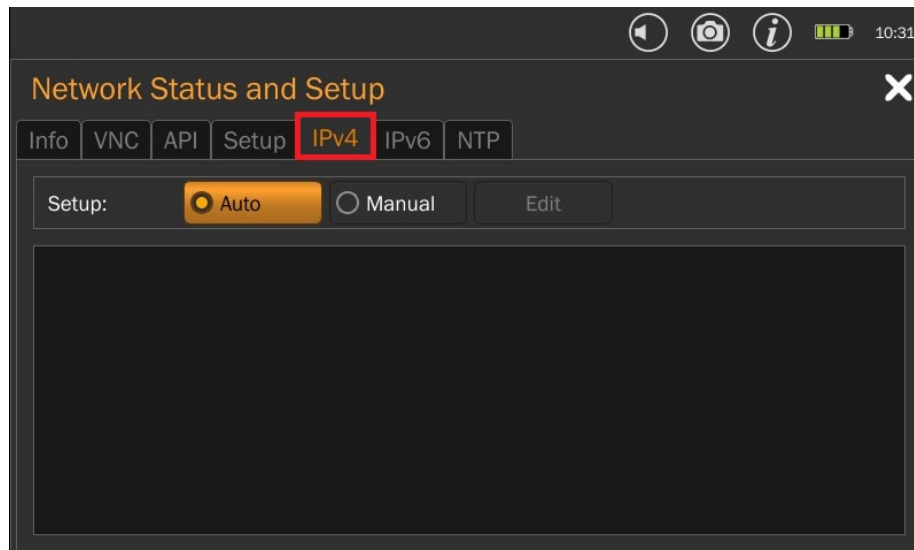
Alternate DNS

Save Cancel

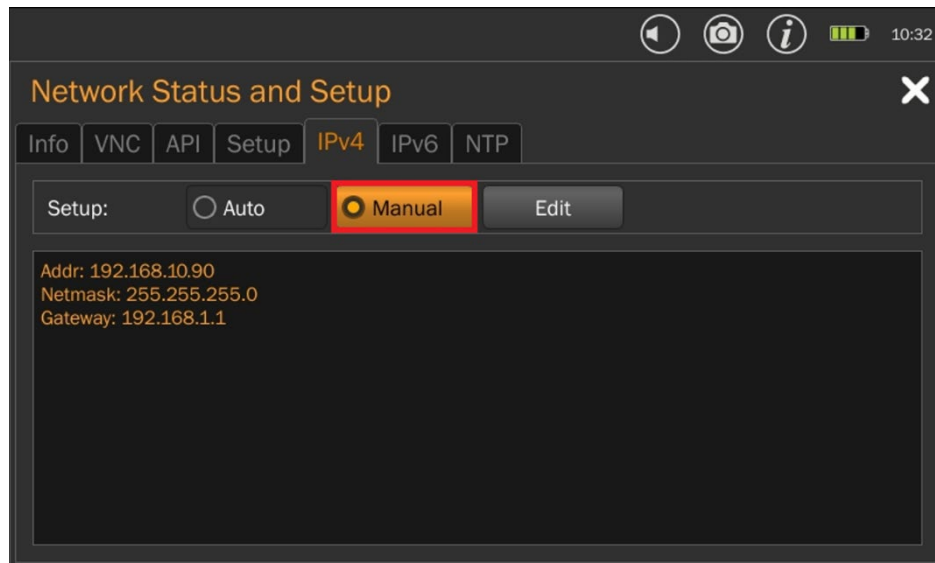
12. **Check Network Status:** Click the network icon in the Navigation Bar to open **Network Status and Setup**.



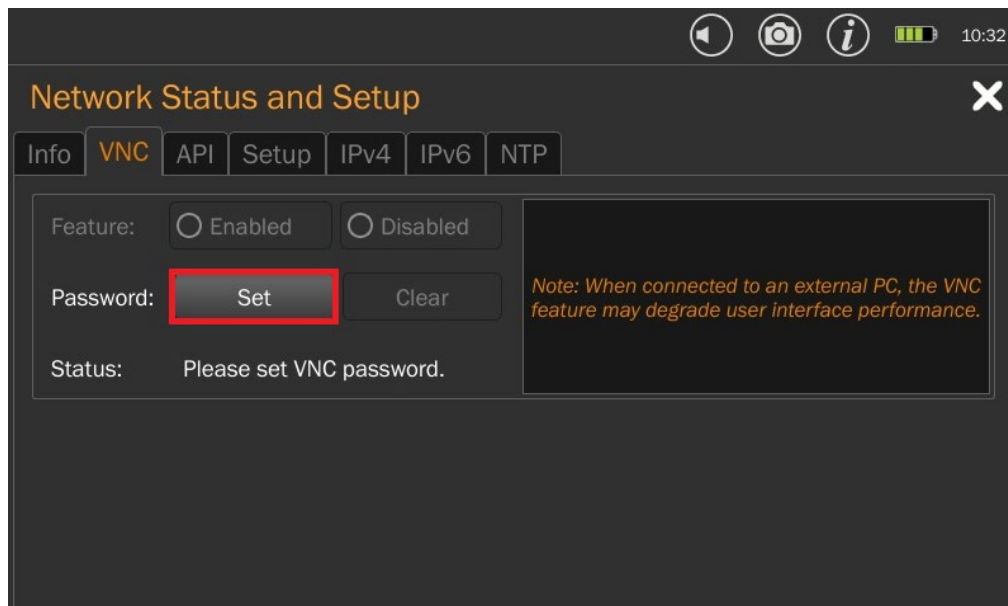
13. **Configure MESA's IPv4:** Go to the **IPv4** tab and select **Manual**.



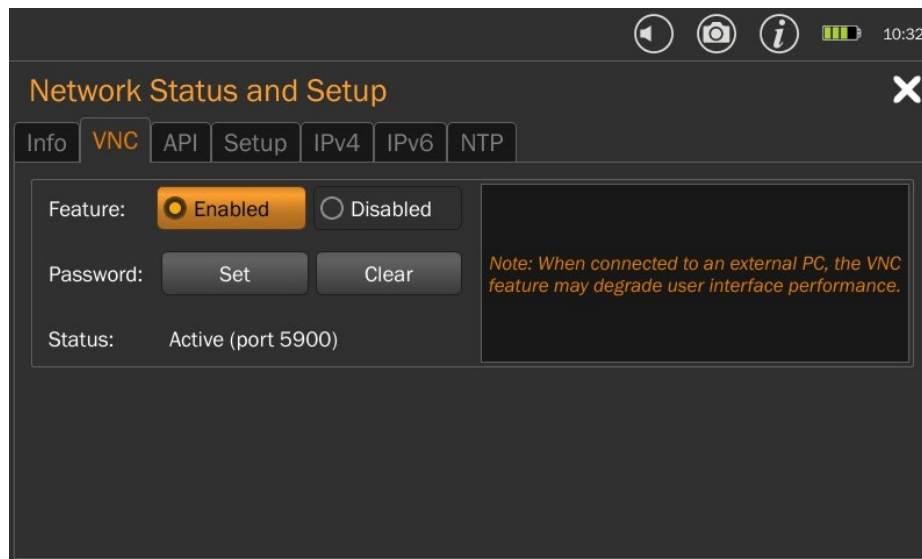
14. **Enter MESA's IP Address:** Use the same IP format as your PC but change the last octet (e.g., **192.168.10.90**).
15. **Use Same Netmask:** Enter the same subnet mask as the PC.
16. **Input Same Gateway:** Set the same gateway as the PC.



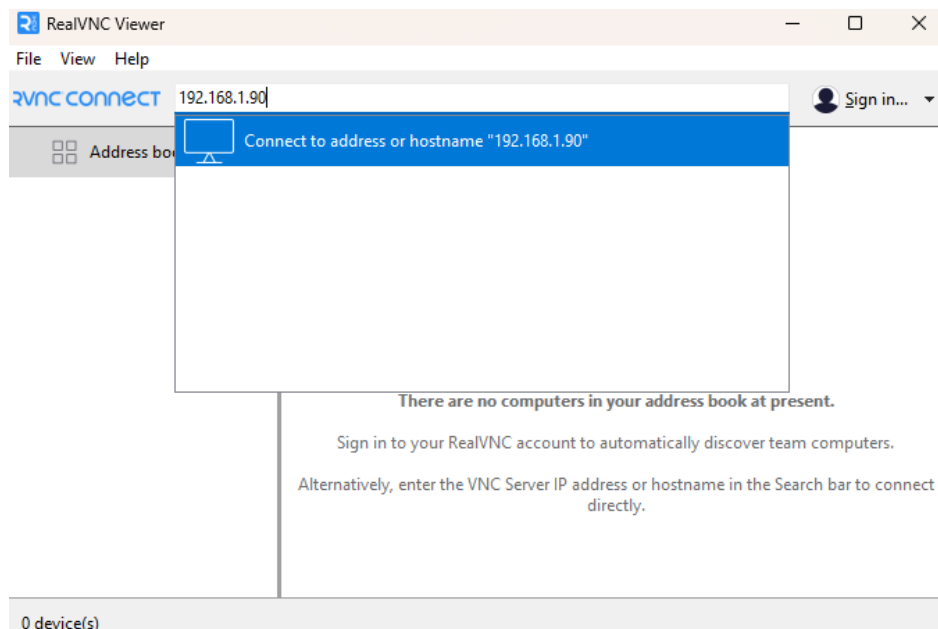
17. **Access VNC Settings:** Click the **VNC** tab and set a password.



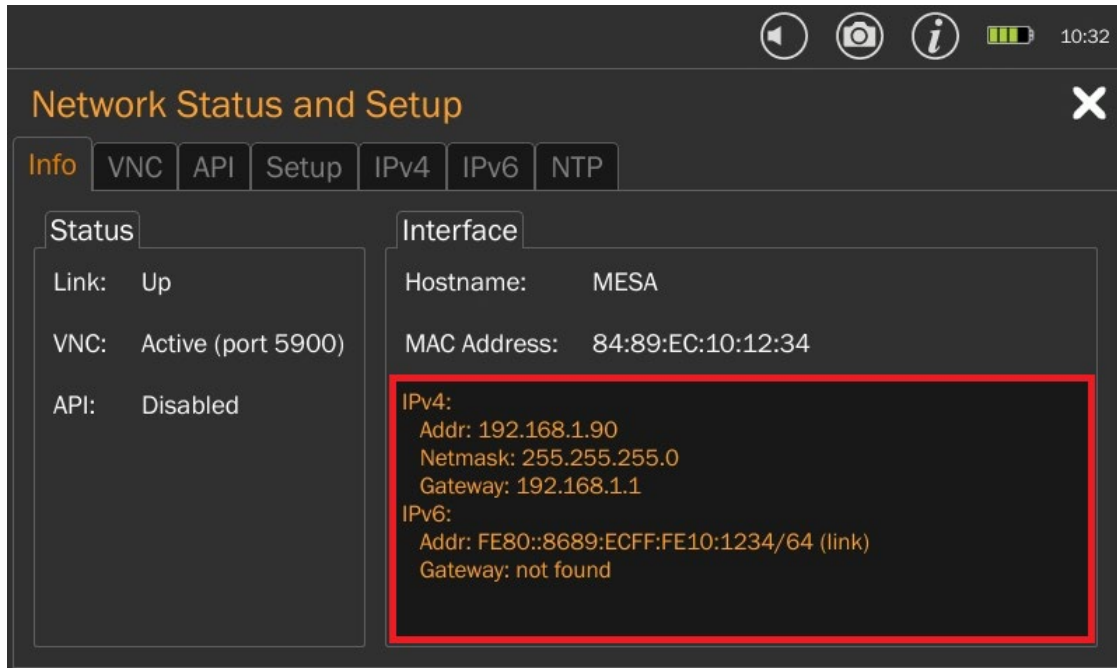
18. **Set VNC Password:** After choosing a password, enable VNC.



19. **Open VNC Viewer:** On your PC, launch your preferred VNC viewer. Any VNC viewer software should be able to connect to and control the MESA.



20. **Enter MESA's IP Address:** Input the same IP address assigned to the MESA. You can see this from the Info screen in **Network Status and Setup**.



21. **Authenticate:** Enter the VNC password you set earlier on the MESA.
22. **Success:** You have now successfully opened a Local VNC with the MESA.