



## **Setting the RibEye's IP address for Windows 7 users**

When the RibEye ships from the factory, its IP address is set to 192.168.0.240. You can change the RibEye's IP address by sending commands to the RibEye over the Ethernet connection to port 23 using a Telnet terminal program.

If your local LAN uses the 192.168.0.xxx subnet, you can reconfigure the RibEye over your LAN. If your local LAN uses another subnet, such as 192.168.1.xxx, you will have to set your computer to a fixed IP address on the 192.168.0.xxx subnet and connect directly from your computer to the RibEye. Note that some LAN routers allow communication on several subnets simultaneously – check with your computer support staff to see if your LAN supports multiple subnets.

Section 1 describes how to enable the Windows 7 Telnet Client on your Windows 7 PC if it has not been previously enabled.

Section 2 describes how to set your Windows 7 PC to a fixed IP address.

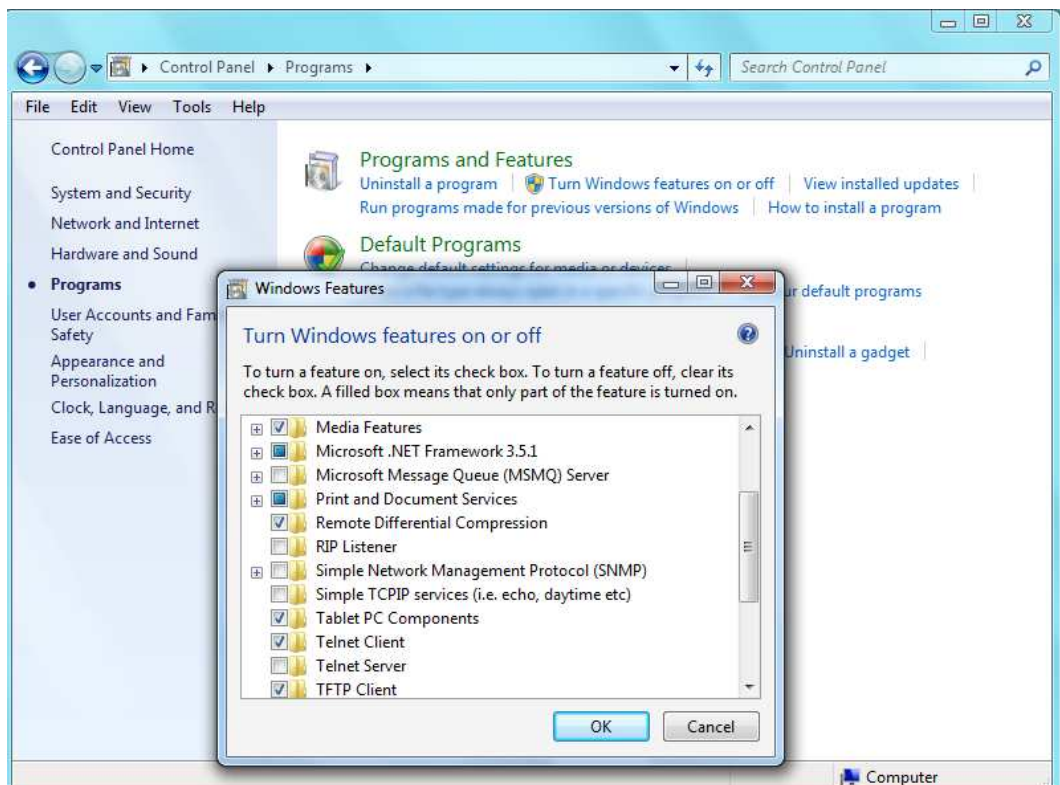
Section 3 describes how to change the IP address of the RibEye using Windows 7 Telnet client.

The RibEye software has a "Find RibEyes" button that you can use to find a RibEye's IP address. This will work even if the RibEye IP address is on a different subnet. Note that firewall settings on your computer can block this feature.

## Section 1. Enabling the Windows 7 Telnet Client

Telnet is not enabled with Windows 7 by default, but you can enable it by following the steps below:

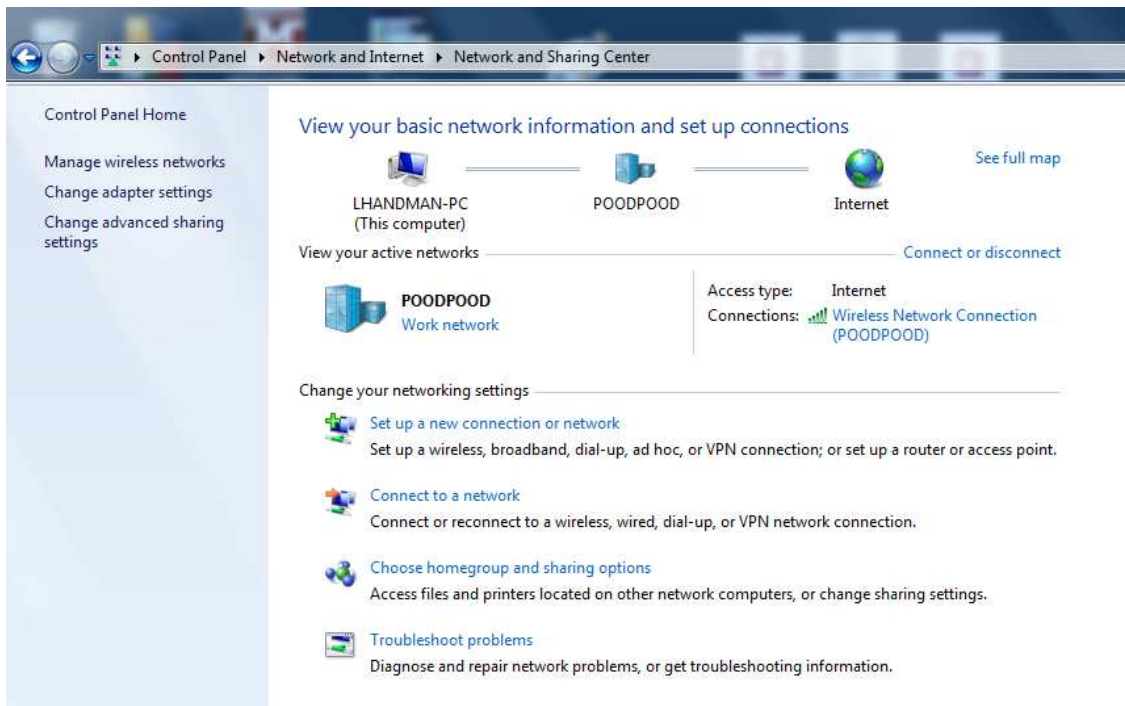
1. Go to Start ► Control Panel ► Programs
2. Under “Programs and Features,” click “Turn Windows Features On or Off.”
3. In the “Windows Features” dialog box, select the “Telnet Client” check box.
4. Click OK. The installation may take several minutes.



## Section 2. Configuring Windows 7 for a Fixed IP Address

If you want to connect a PC directly to the RibEye instead of through your LAN, you must set up your IP with a fixed address on the same subnet as the RibEye. For example, if the RibEye IP address is 192.168.0.240, you must set up your PC IP address to be 192.168.0.xxx, where “xxx” is any number between 2 and 254 except 240.

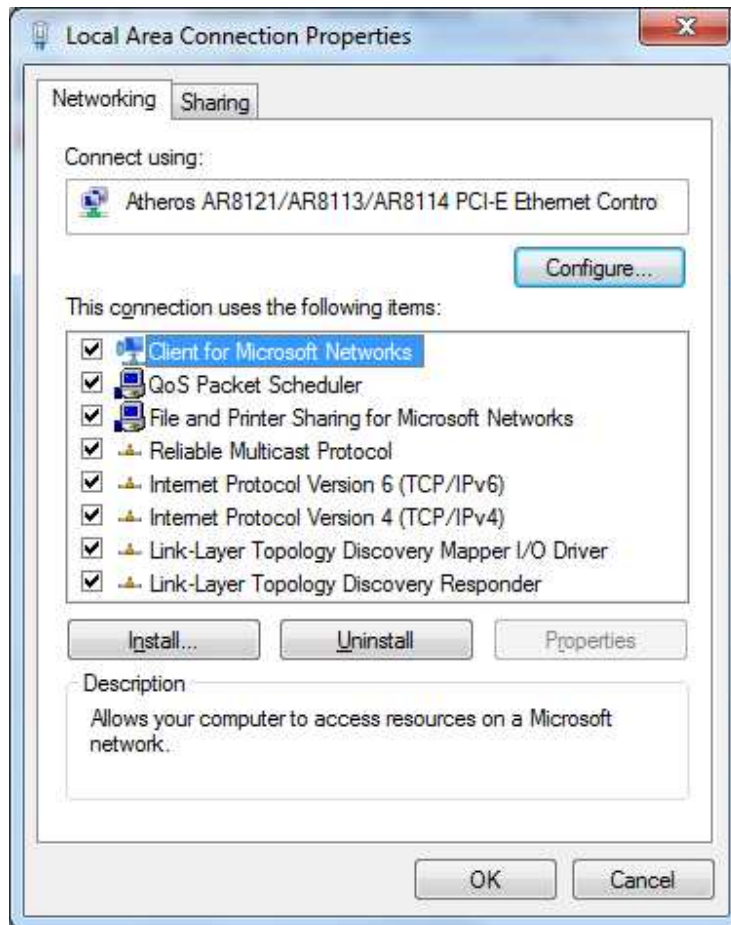
1. Go to Start ► Control Panel ► Network and Internet ► Network and Sharing Center. You will reach a screen that looks like this:



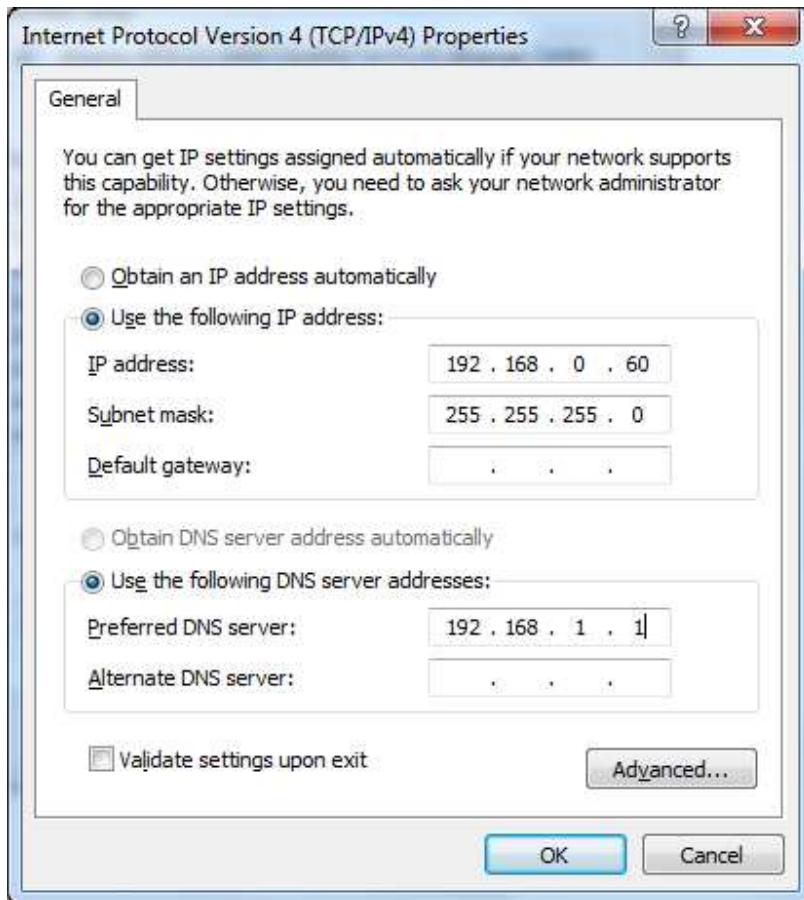
2. On the left (shaded) side of the screen, click on “Change adapter settings.” You will be taken to a screen that looks like this:



3. Right-click on “Local Area Connection” and click on Properties in the drop-down menu, which will take you to the following screen:



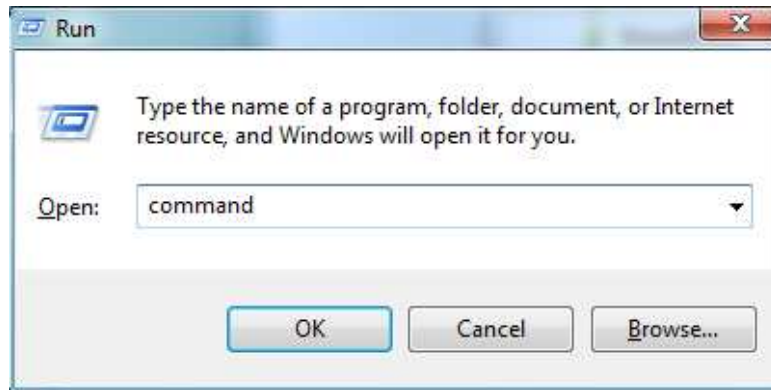
4. Click on "Internet Protocol Version 4 (TCP/IPv4)" to highlight it, and then click on "Properties." Select "Use the following Internet address" and follow the instructions below.



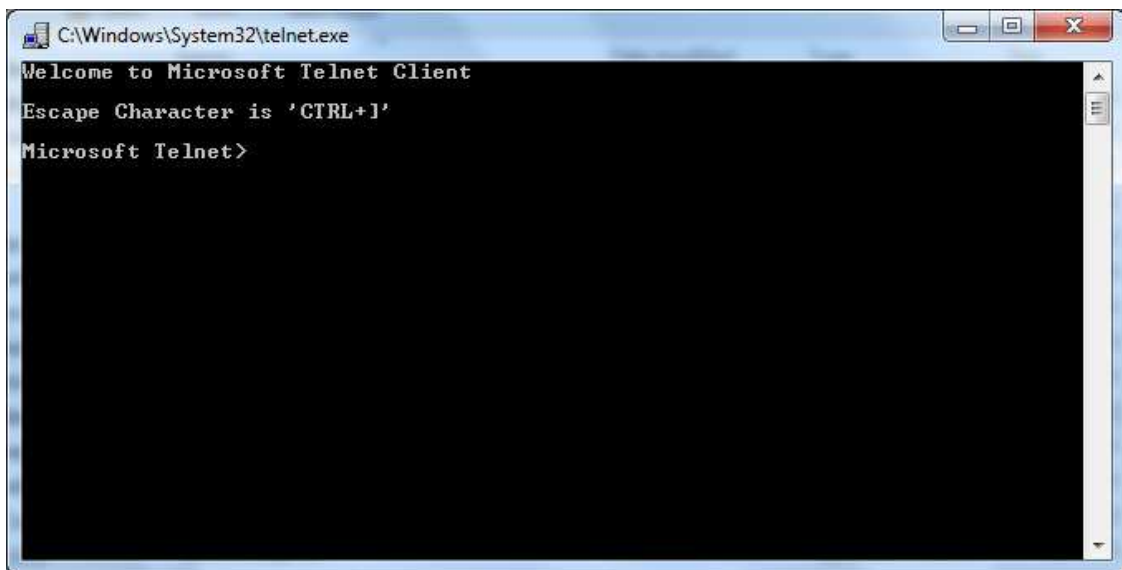
5. Set the IP address to your desired address, and make sure the subnet mask is set to 255.255.255.0 as shown above. You don't have to fill in the default gateway or DNS server addresses.
6. Click on the "OK" button until all windows are closed. You might get a message saying that you have to re-boot for the changes to take effect.
7. You are now set to a fixed IP address.

### Section 3. Change the RibEye's IP Address using the Windows 7 Telnet Client

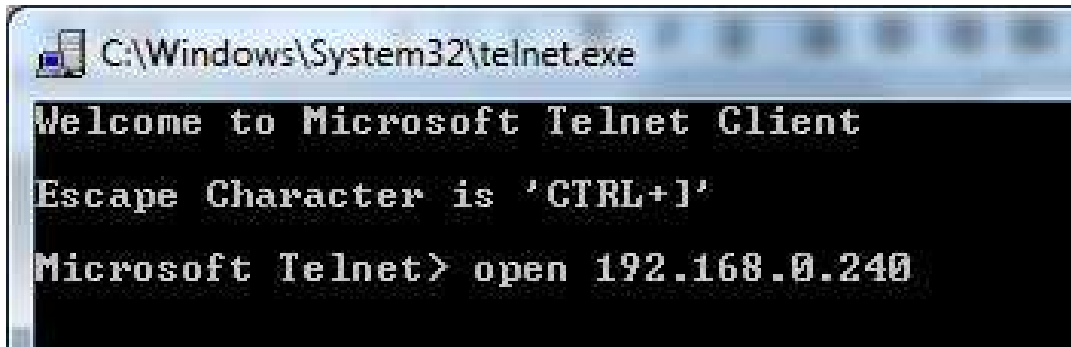
1. Click on the start button, then select RUN. The window shown below will open. Type "command" in the box and click on the OK button.



2. A DOS window will open. Type "Telnet " and press the enter key and the Telnet client will open as shown below..



3. At the prompt, type "open [RibEye IP address]" or "o [RibEye IP address]." For example, "open 192.168.0.240." as shown below.



```
C:\Windows\System32\telnet.exe
Welcome to Microsoft Telnet Client
Escape Character is 'CTRL+I'
Microsoft Telnet> open 192.168.0.240
```

4. After you hit “Enter,” you will first get a message saying “Connecting...” and then one that says “Connected.” Then you will see the RibEye command prompt, which is #.

5. After you have connected to the RibEye, at the command prompt, type the following (replacing the “x”s with the new IP address):

```
set ip eth0 ip-address xxx.xxx.xxx
```



```
Telnet 192.168.0.240
# set ip eth0 ip-address 192.168.0.241_
```

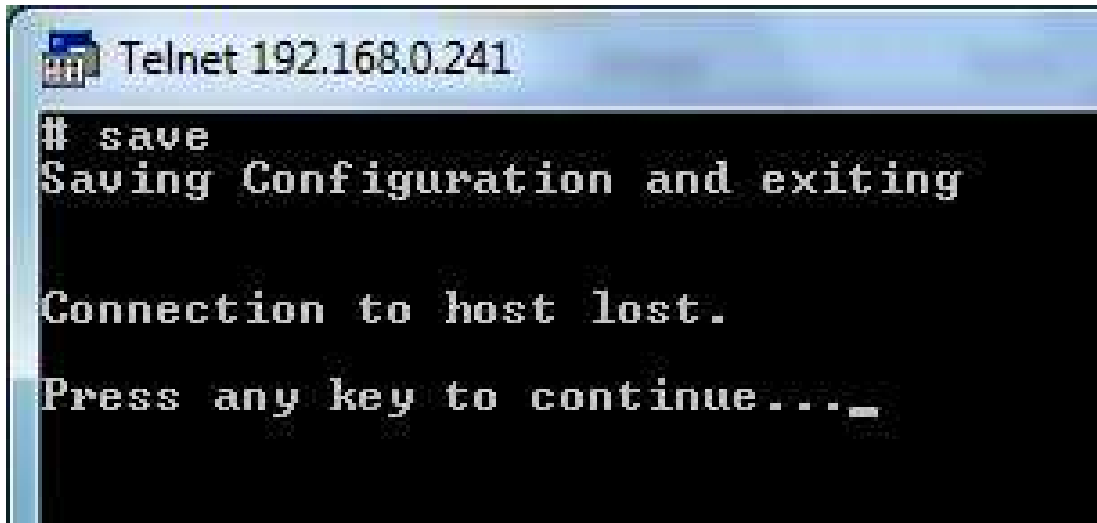
6. Press the “Enter” key again. The IP address of the RibEye is now changed temporarily. It is not permanently stored in the RibEye flash memory, so if the RibEye is powered down, it will not remember the change.

7. Since the RibEye IP address is now changed, the telnet client can not communicate with it any more. You must close the Telnet client connection by pressing the CTRL key and the right bracket key : CTRL + ]

If you changed the RibEye IP address to a new subnet, you will have to change your computer’s IP address to the new subnet before you can communicate with the RibEye again.

8. Now you can reconnect to the RibEye using the new IP address using the “open [ip address]” command.

When you get the command prompt, type “save” and press the “Enter” key. Now the new IP address is permanently saved in the RibEye flash memory.



```
Telnet 192.168.0.241
# save
Saving Configuration and exiting

Connection to host lost.

Press any key to continue..._
```

9. When you press any key you will be returned to the Telnet prompt. Type "q" to exit from the Telnet client, or just close the DOS box.