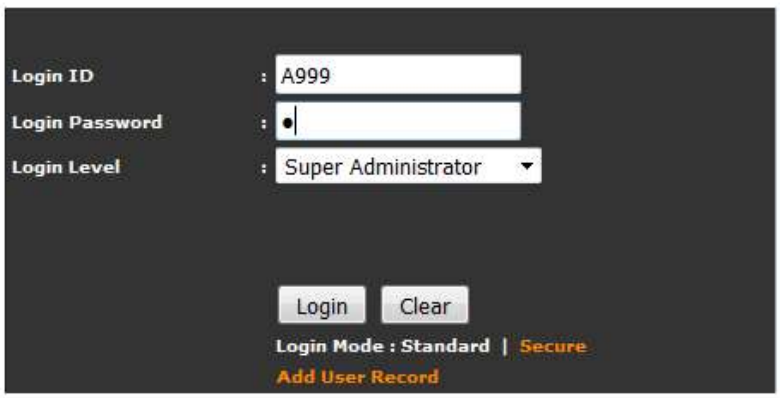
Steps to connect ACTAtek terminal device remotely from public network using web browser or Android phones/Tabs.

- **Step 1** • Assigning Port Address to the terminal i.e. 80, 8080 ,1024 or range (80, 1024 - 65535)
- **Step 2** • Open Port on windows firewall to be accessible from public network
- **Step 3** • Enable port forwarding to allows access Private terminal IP from public network.
- **Step 4.** • Access terminal from public network using browser or Android mobiles.
- **Step 5.** • Troubleshooting

Steps for assigning Port Address to the terminal i.e. 80, 8080 ,1024 or range (80, 1024 - 65535

Login to the terminal from internet browser using IP address Example 192.168.1.100(Default Login ID : A999; Password : 1)



Go to Terminal Setup under terminal setting as shown below:

Change the Web port as shown below or else use Default :80.

Steps to open Port on firewall to be accessible from public network

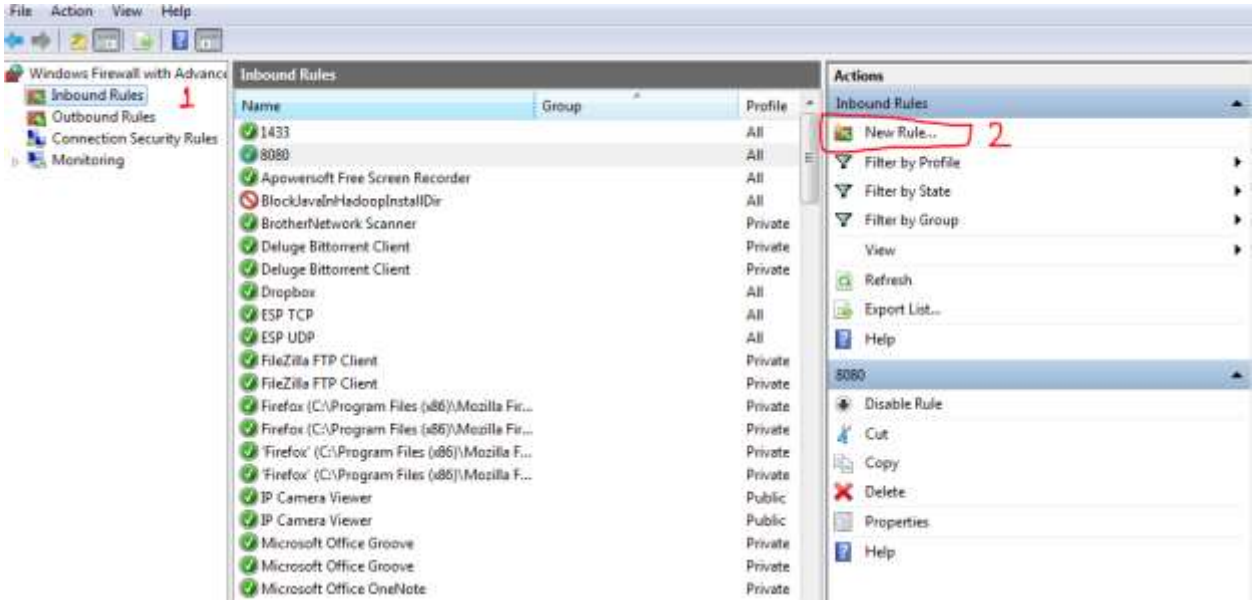
1. Open the Control Panel. Windows Firewall is a software firewall that acts in conjunction with your router's hardware firewall. Windows Firewall is especially important if you have multiple devices on the same network, as it helps prevent the spread of viruses between computers on a local network.

- In Windows Vista/7, click the Start menu and select Control Panel.
- In Windows 8, press ⊞ Win+X and select Control Panel.

2. **Open Windows Firewall.** This can be found towards the end of the list of Control Panel options. If you are in Category View, select System and Security and then click Windows Firewall.

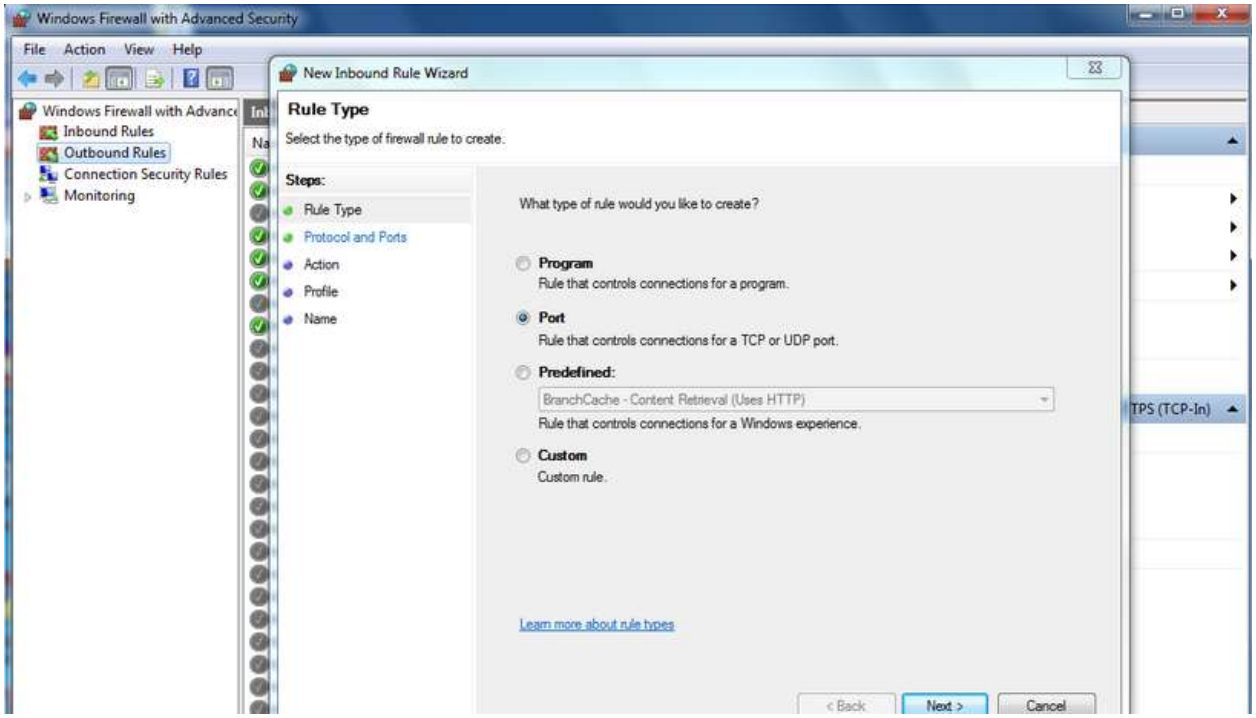
3. Click on **Advanced settings** from the left menu

4. On **Advanced settings** window you will need to click on **Inbound Rules** to list the inbound connections. After that click on **New Rule…** in order to add the custom rule:



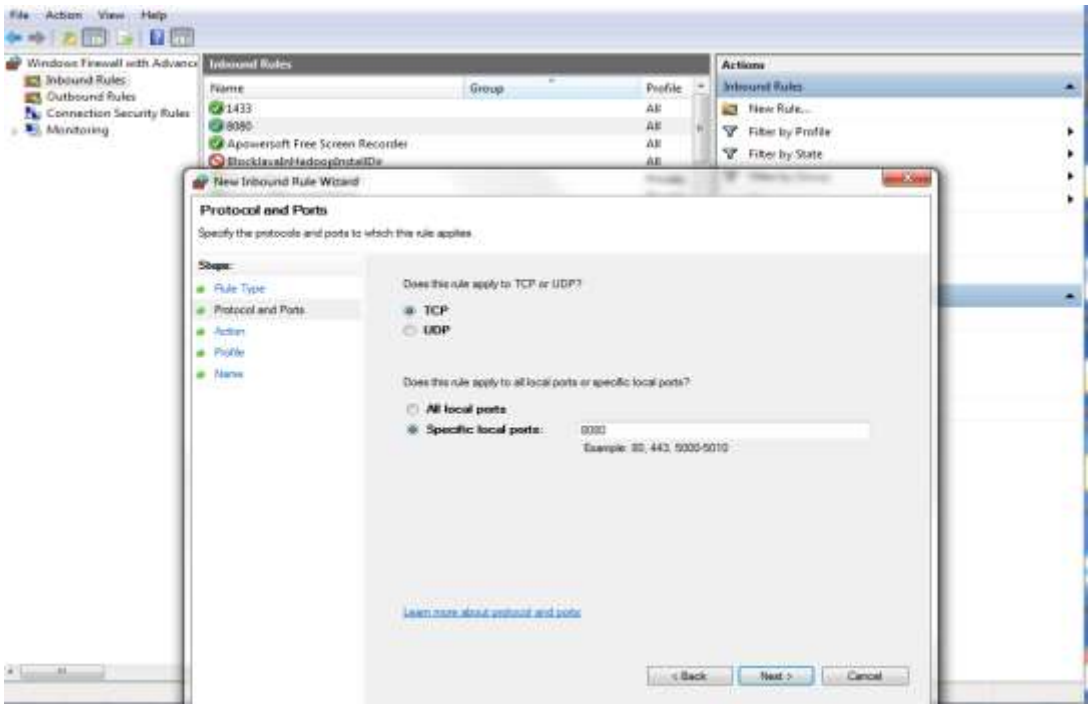
- Click here to open Inbound Rules page
- Click here to add a new rule

5. Check **Port** radio button to add a **TCP** port rule:



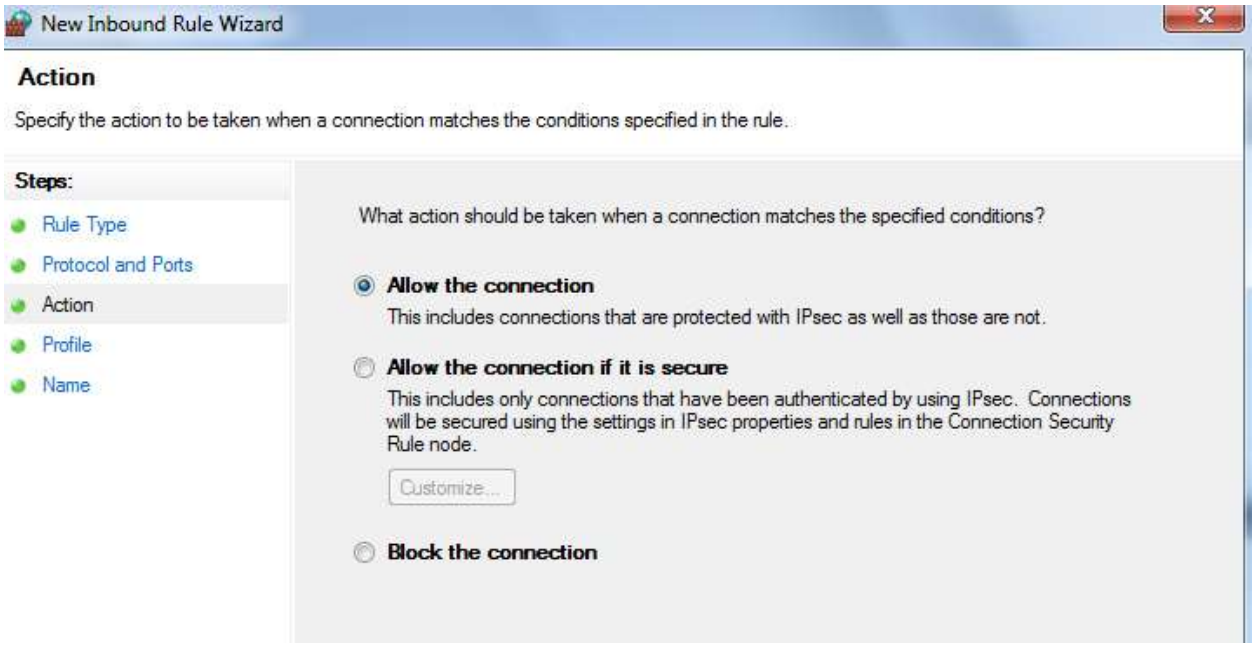
Click on **Next** button to go to the next step

6. Check the **TCP** rule and the **Specific local ports** radio button to add the port: Default is 80 but using 8080 to accessible this device from public network.



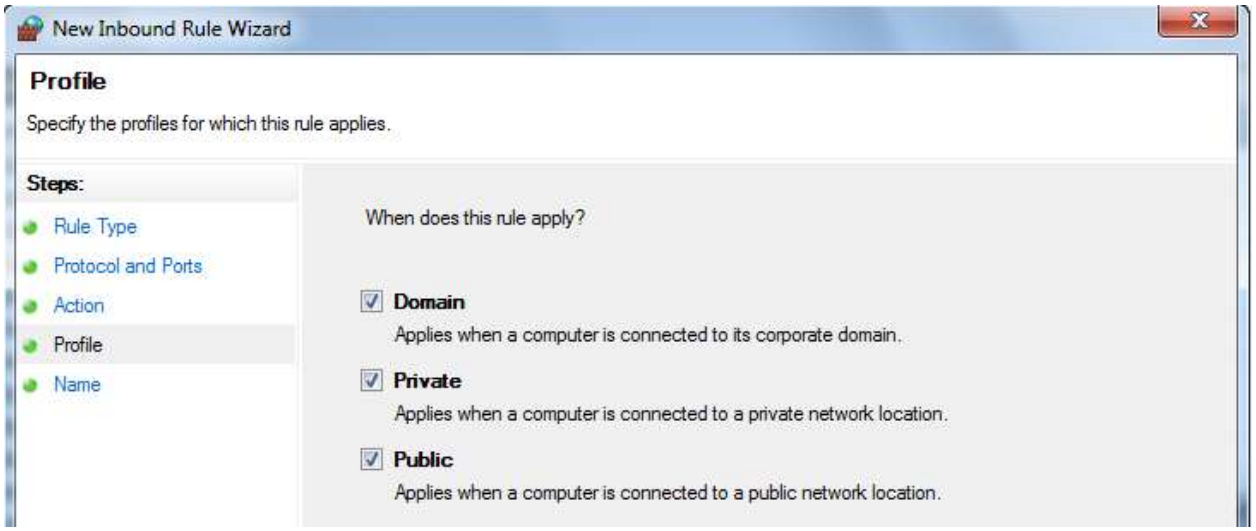
Click on **Next** button to go to the next step

7.Check the **Allow the connection** action to allow the broadcaster to use the 8080 port:



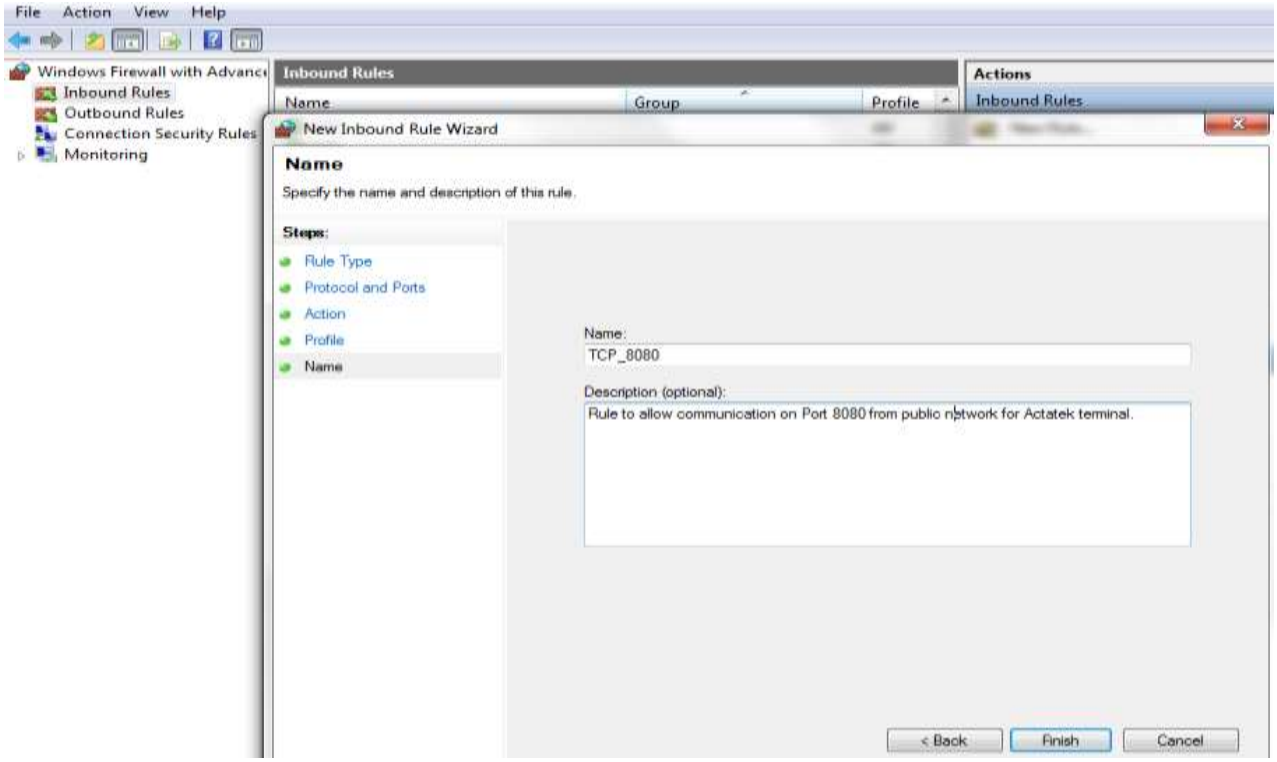
Click on **Next** button to go to the next step

8. Check the profiles to which the rule applies:



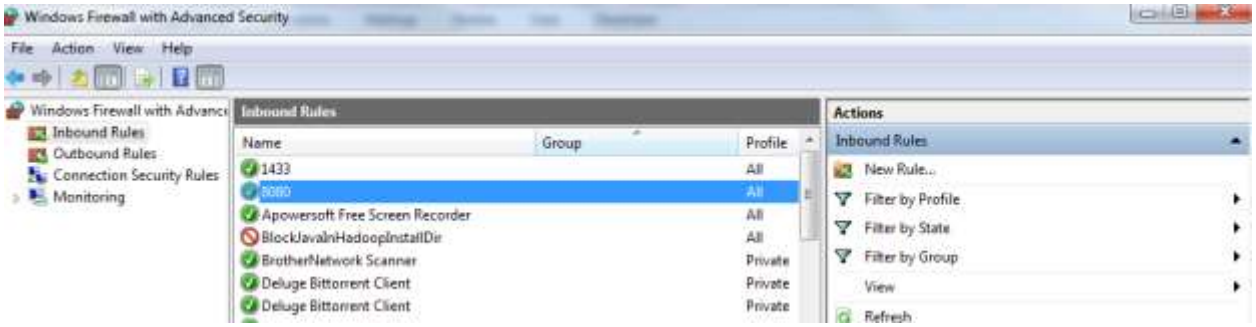
Click on **Next** button to go to the next step

9. Enter a name and a description for this rule:



Click on **Next** button to go to the next step

10. The Port 8080 was successfully added to the firewall exceptions.



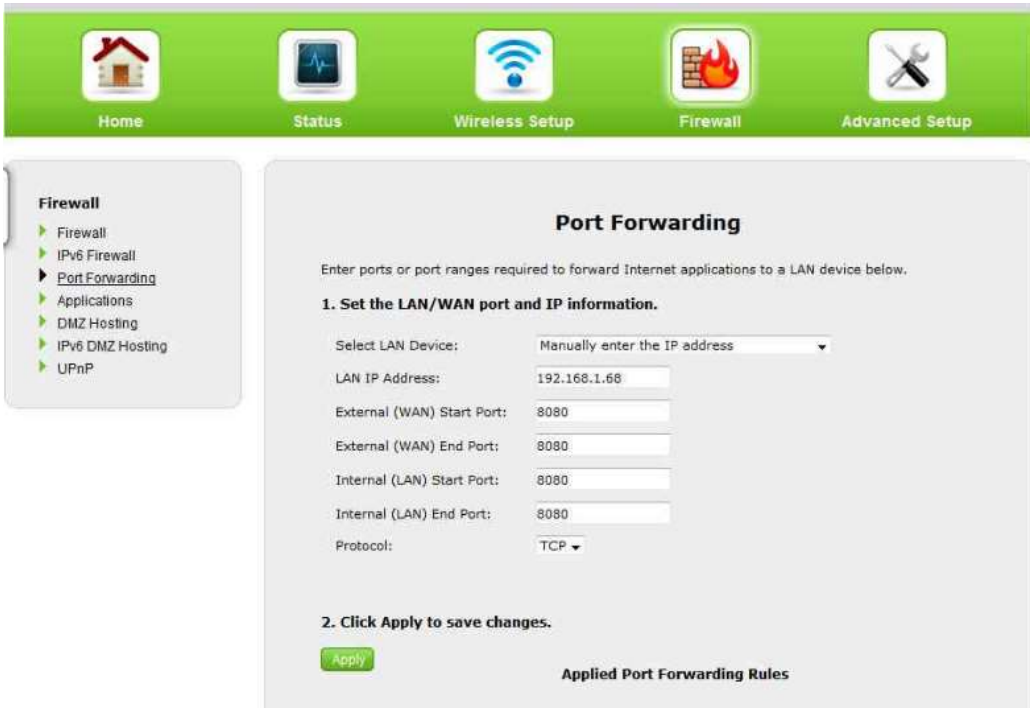
***Note: **Repeat steps 4 through 10 for each port that you want to open.**

Steps to enable port forwarding to allows access Private terminal IP from public network.

Login to your router using default user id and Password. Check Router manual how to connect from network using IP address from internet browser.

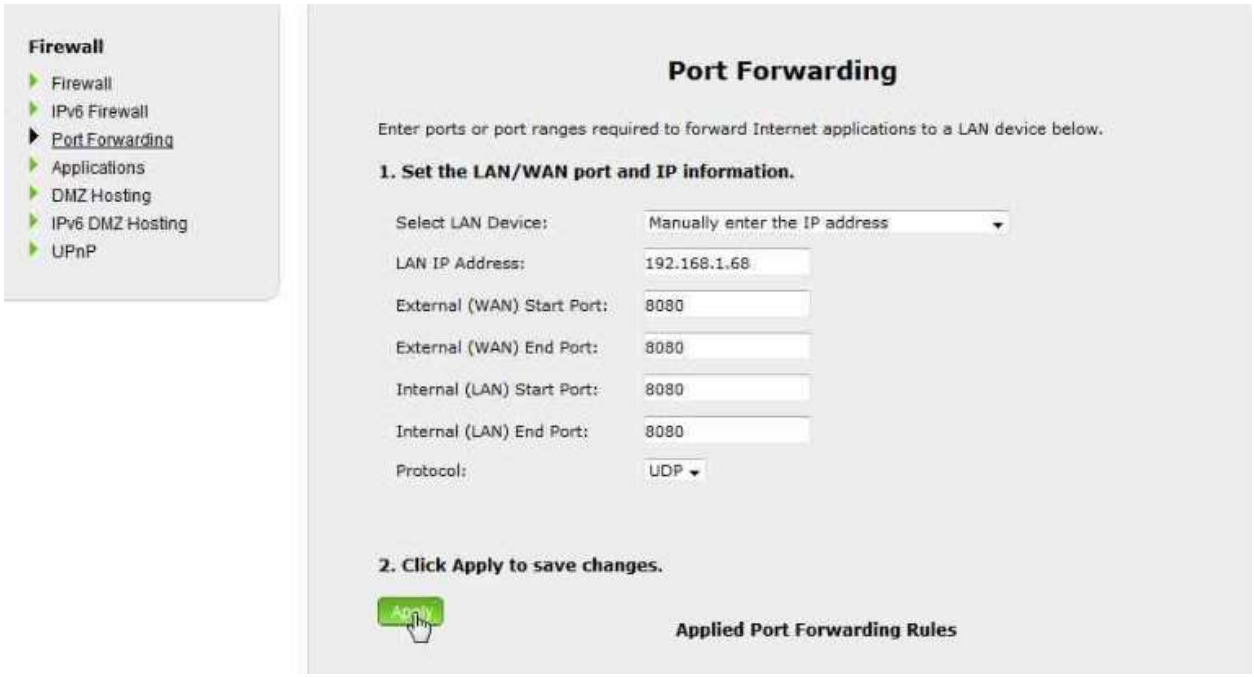
After login go to Firewall main menu and HIT Port forwarding as shown below:

Add port forwarding details like IP address: Terminal IP address assigned to the terminal (Ex: 192.168.1.100) Port 8080 as shown below and Protocol : TCP



Click on **APPLY** button to go to the next step

Add port forwarding details like IP address: Terminal IP address assigned to the terminal (Ex: 192.168.1.100) Port 8080 as shown below and Protocol : UDP



Click on **APPLY** button to go to the next step

Two entries will be there under Applied Port forwarding rules.

LAN START/ END PORT	PROTOCOL	LAN IP ADDRESS	WAN START/END PORT	MODIFY	REMOVE
8080/8080	TCP	192.168.1.68	8080/8080	Modify	Remove
8080/8080	UDP	192.168.1.68	8080/8080	Modify	Remove

Congratulation: you have successfully applied port forwarding rules.

- ## Access terminal from public network using browser or Android mobiles.

It is important to know public IP address of the network in which terminal device is connected . Visit :http://www.whatismypublicip.com/ to know Public IP address.

***NOTE: Please Must visit this website from the network in which terminal device is connected.

Once you know the Public IP address: connect the device from any public network by Android phone, tab or computer using below URL:
i.e. http://public IP address: Port NO Example : http://154.5.231.234:8080 as shown below:

Trouble-shootings:

Question: We have followed all the above steps but still not able to connect from public network.

Answer: Confirm the web port assigned to the terminal device from terminal devices using below steps:

Go to terminal settings>Terminal Setup>webserver port as shown in Pic 3.

Step2: Check Webserver port is open on public network:

Visit " http://www.canyouseeme.org/ website from the network in terminal device is connected and see whether particular port is opened or not.

If port is closed: **Error:** I could **not** see your service on **154.5.231.234** on port (**80**):

for solution, Repeat steps STEPS 2 as mentioned above i.e. **Steps to open Port on firewall to be accessible from public network.**

Please NOTE: If port is opened : **Success:** I can see your service on **154.5.231.234** on port (**8080**).**You are good to connect your device from public Network.**

Question: How do I get my public IP address?

Answer: To know public IP address of the network in which terminal device is connected . Visit :http://www.whatismypublicip.com/ to know Public IP address or else contact your IT team for more support.

***NOTE: Please Must visit this website from the network in which terminal device is connected.**