

How to configure multiple Edimax IC-7010PTn series cameras to view them from Internet

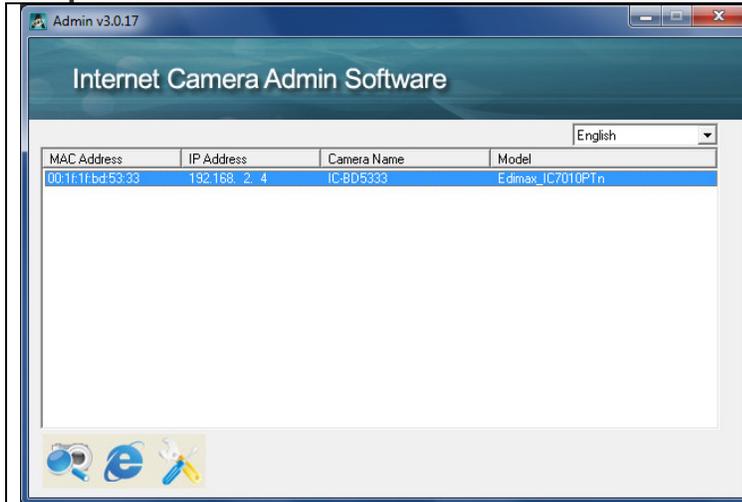
Thanks for purchasing Edimax IP Camera. We hope this instruction can help you understand the approach to access multiple Edimax IP Camera from remote location.

1. You are in local network with Edimax IP camera. You will use Internet Explorer browser in remote location to access IP camera.
2. This instruction may be applied on Edimax Wireless IP, IC-7010PTn, IC-7010PT, IC-3030, IC-3030Wn, IC-3030PoE.

Introduction

After you setup your first Edimax IP Camera to be viewable from Internet, you want to setup your 2nd IP camera to be viewed from Internet. The tip is to make the 2nd camera use different ports than the 1st IP camera's ports.

Step 1 Find out the IP address of the 2nd IP camera.



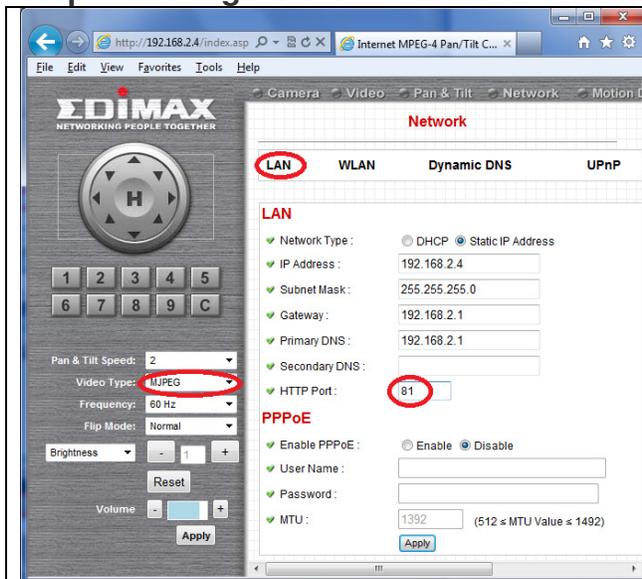
Connect the IP Camera to the router. In your Windows computer, run the IP Cam Admin Utility.

The utility searches for camera and detect the camera.

You need to change its IP address to fit with your network.

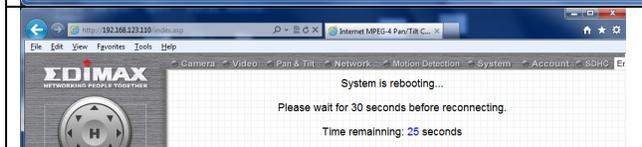
In our example, we have a 192.168.2.x network and the camera has 192.168.2.4 IP address.

Step 2. Configure the 2nd camera to use different ports.

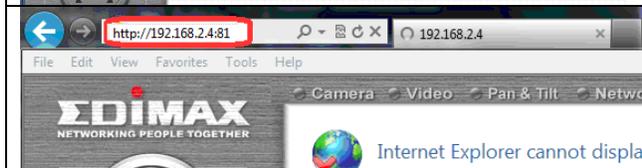


Go to the 2nd IP Camera's page, go to Network settings. Go to LAN. Change the HTTP port number.

By default, IP camera's HTTP port is 80. Your first camera may use the port 80 already so you need to assign a different port to the second camera. Here we use port 81 for the 2nd camera

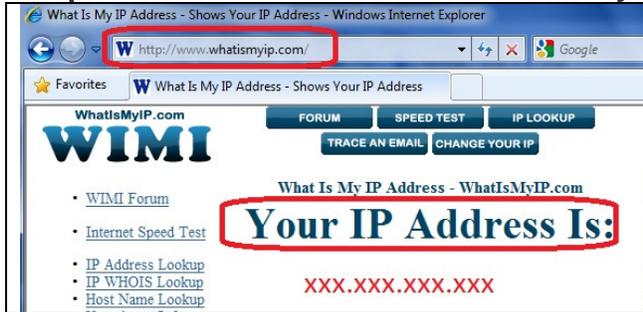


Click on Apply button. Wait for 30 seconds for the camera to save settings and reboot



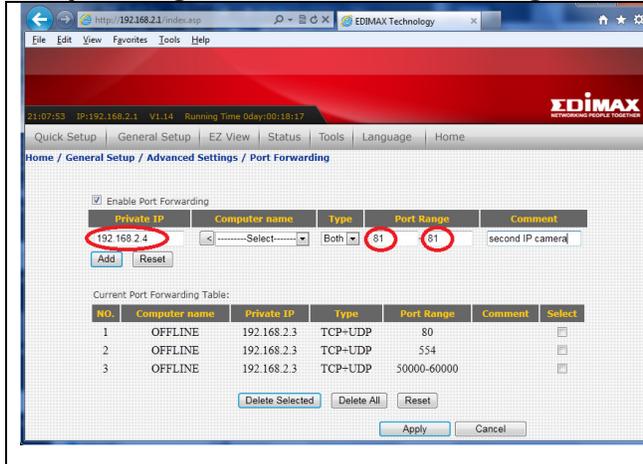
After camera reboots by itself, re-enter the address with new port number specified. For example <http://192.168.2.4:81> Login to the camera again. You can see the video from camera

Step 3 Find out the 'real' IP address of your network if you do not know it.



Visit this web site <http://www.whatismyip.com> then take a note of your IP address. To remote view the IP camera from Internet, you will need to use that IP address.

Step 4. Login to the router's configuration web page.



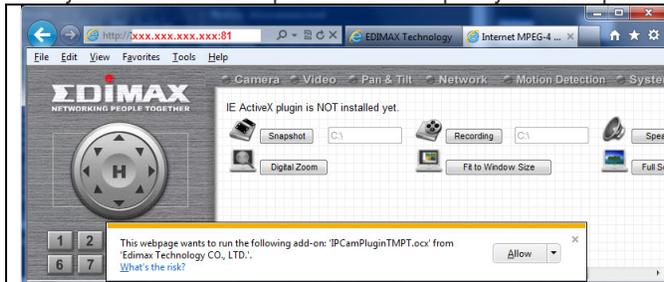
Login your router's configuration page. Edimax router address is <http://192.168.2.1>. Go to General Setup, Click on NAT, Click on "Port Forwarding". Put a check on the box of "Enable Port Forwarding". Enter the Private IP as the IP address of the 2nd Camera. Enter Port Range 81 – 81. Click on Add. Click on Apply button. Edimax router save the port forwarding settings and reboots.

If you just want to view MJPEG format video, forward port 81 is enough.

If you want to view MPEG4 format video, you need to forward RTSP ports as well. See more detail at the end of this document.

Final step. Remote view the IP Camera from Internet.

From a computer on Internet (You can ask your friend to do this), open Internet Explorer. Enter the public IP address that you obtained on step 2 above and specify the web port number. Like <http://xxx.xxx.xxx.xxx:81>



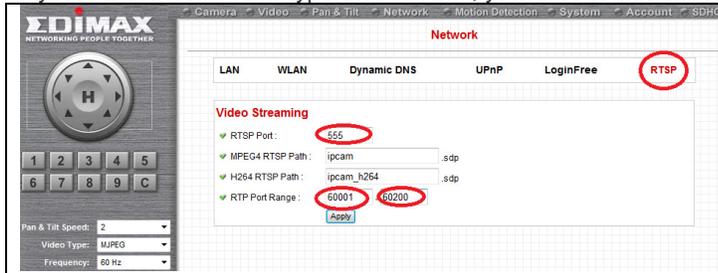
Login the username and password. Allow the install of the ActiveX plugin.



View the video from remote location successfully.

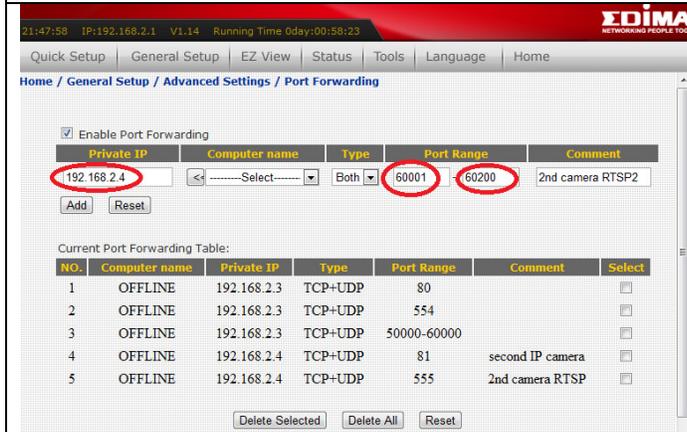
View MPEG4 video format of IP Camera

If you want to view Video type as "MPEG4", you need to add extra port forwarding in router.



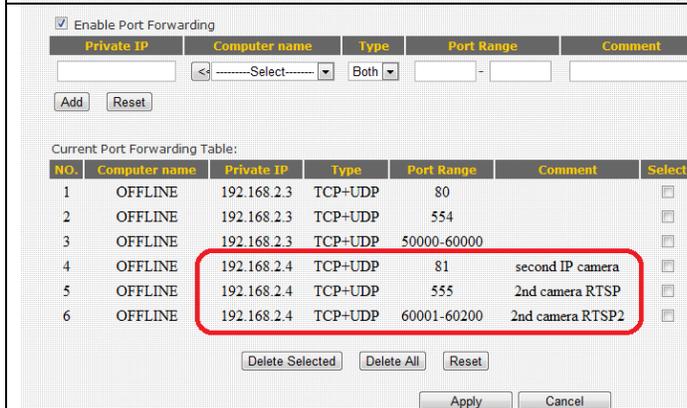
Go to Network > RTSP tab, you can verify the ports used by RTSP. RTSP default ports are 554 and 50000 to 60000 which might be used by your first camera. You can make your 2nd camera use port 555 and 60001-60200 in the Network tab > RTSP settings

Click on Apply.



Go into the router's setup page. add RTSP port number 555 for 2nd camera's RTSP in your router.

Add the port forwarding of 60001 to 60200



There are three entries added for the 2nd camera. Click on Apply for router to save settings and reboot.



Now you can view the MPEG4 video from remote location.