

# How to view Edimax IP camera from Internet

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

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 camera IC-7010PTn and IC-7010PT.

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## Introduction

Edimax IP Camera can be viewed not only in locally but also can be viewed remotely from Internet.

View the IP camera in local network, you can use local IP address like `http://192.168.2.3`.



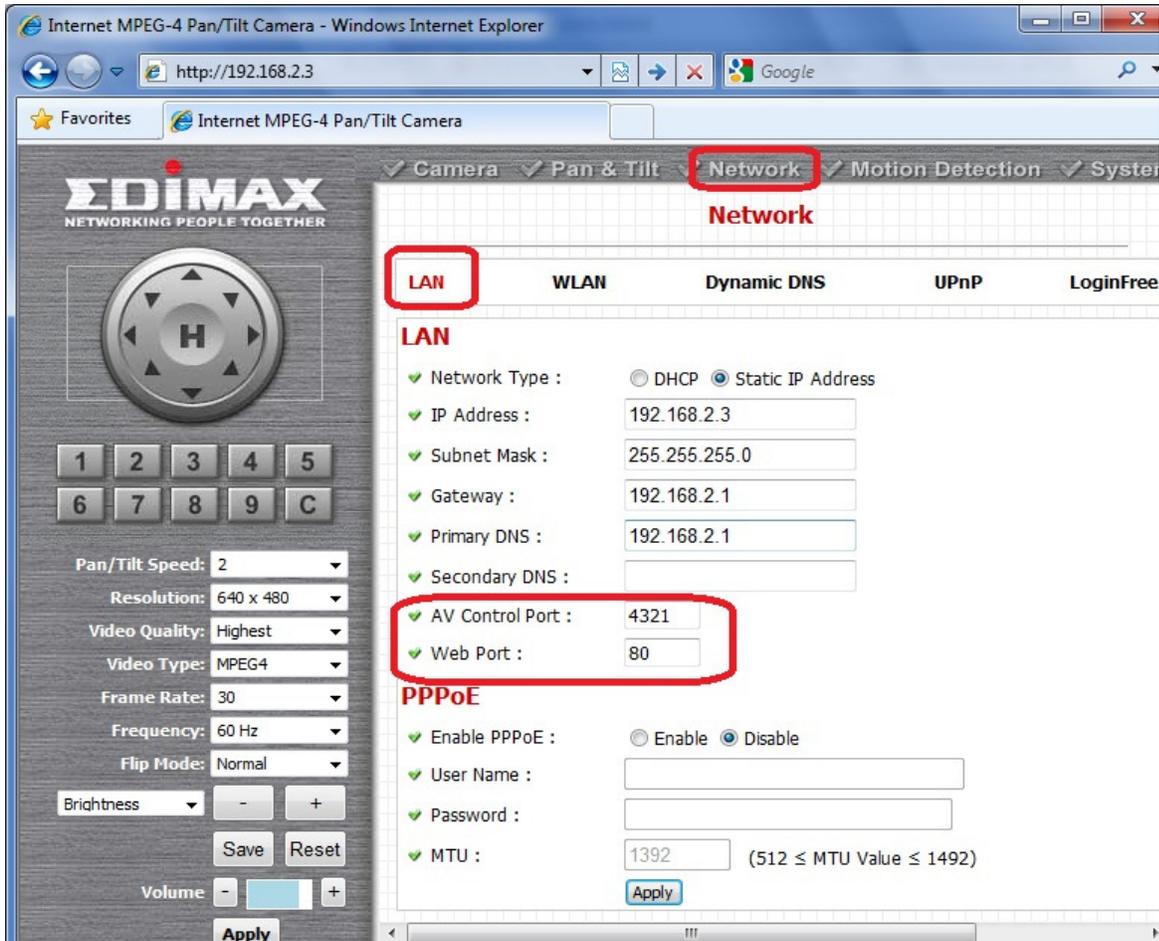
However, to view it from a remote location, you need to do some additional configuration. You might have a broadband router to share a single "real" public IP address which obtained from your ISP (Internet Service Provider). The broadband router works like a firewall and can prevent access from Internet. Therefore, to allow the access to the IP Camera from Internet, you'll need to configure the router to allow the access. That is to say, you need to forward the request to the specified IP camera. This is called "Port Forwarding". The way to configure the port forwarding varies among different routers. Please check the user manual of your router for more detail.

Below we use edimax router as an example to explain the port forwarding

## Step 1 Check the Ports used by your IP Camera.

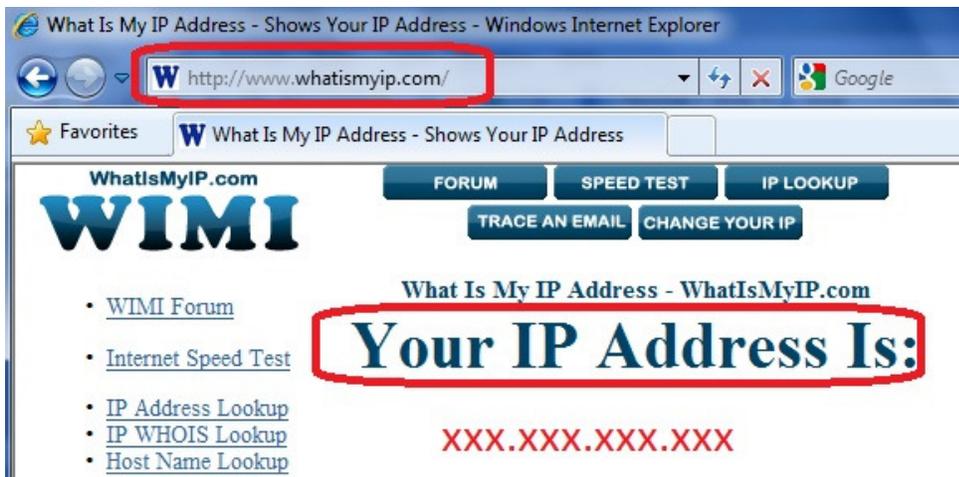
Go to the IP Camera's page, go to Network settings. Go to LAN. Find the AV Control Port number and the WEB port number.

By default, the AV Control Port is 4321 and Web port is 80.



## Step 2 Find out the 'real' IP address of your network.

Visit the 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 3. Login to the router configuration web page.

For Edimax router, the default login IP address is <http://192.168.2.1> with username admin and password 1234. Go to General Setup, Click on NAT, Click on "Port Forwarding". (If you do not see Port Forwarding, you can click on Virtual Server)

Enable the check box of "Enable Port Forwarding.

In the box of Private IP, enter the IP address of IP Camera. For example, 192.168.2.3.

In the Port Range, enter 80 – 80. Click on Add.

The screenshot shows the Edimax router configuration interface in Internet Explorer. The browser address bar shows <http://192.168.2.1/index.asp>. The navigation menu includes 'Quick Setup', 'General Setup', 'Status Info', and 'System Tools'. The left sidebar shows a tree view with 'NAT' selected and highlighted by a red box. Under 'NAT', 'Port Forwarding' is also highlighted with a red box and a red arrow. The main content area is titled 'Port Forwarding' and contains the following text: "Entries in this table allow you to automatically redirect common network services to a specific machine behind the NAT firewall. These settings are only necessary if you wish to host some sort of server like a web server or mail server on the private local network behind your Gateway's NAT firewall."

Below the text is a form with a checked checkbox for 'Enable Port Forwarding'. The form has four columns: 'Private IP', 'Type', 'Port Range', and 'Comment'. The 'Private IP' field contains '192.168.2.3', the 'Type' dropdown is set to 'Both', and the 'Port Range' field contains '80 - 80'. There are 'Add' and 'Reset' buttons to the right of the form. A red arrow points to the 'Add' button.

Below the form is a table titled 'Current Port Forwarding Table':

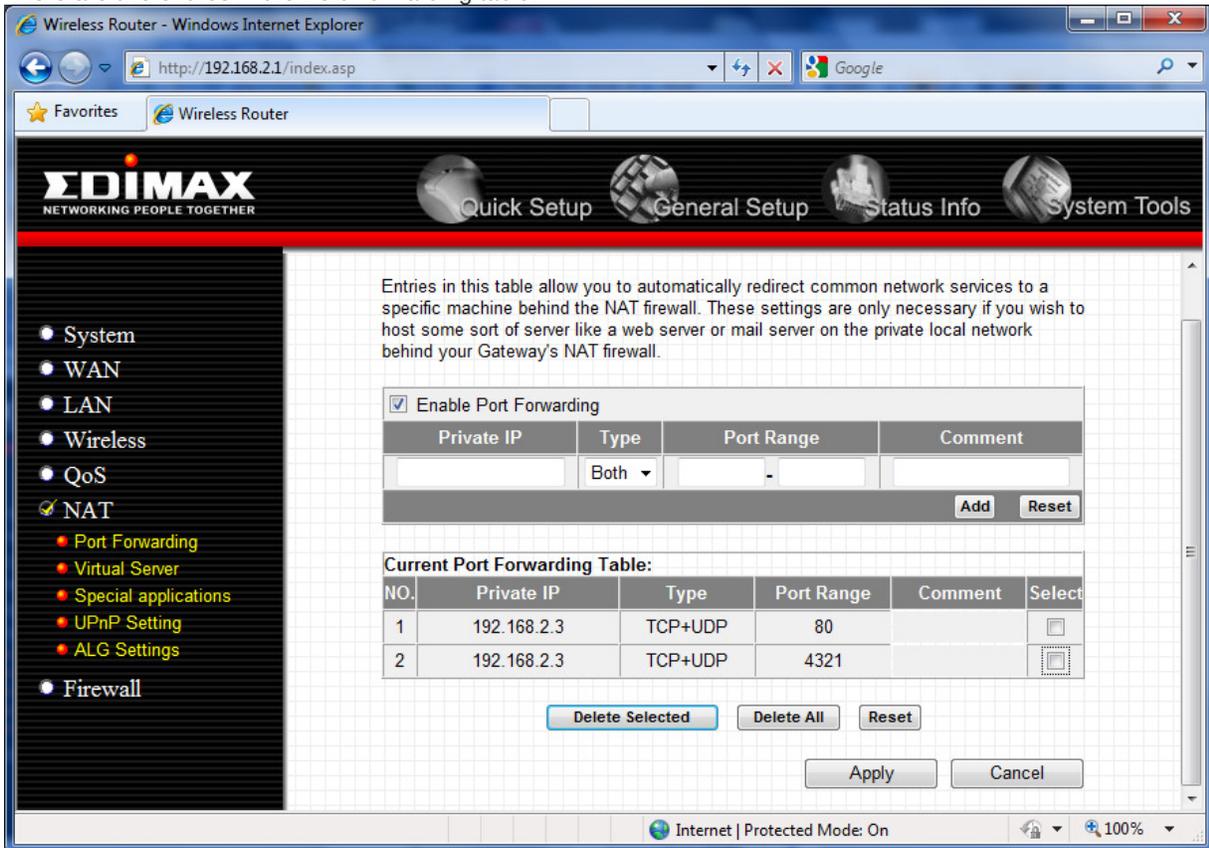
NO.	Private IP	Type	Port Range	Comment	Select
1	192.168.2.3	TCP+UDP	80		<input type="checkbox"/>

At the bottom of the page are buttons for 'Delete Selected', 'Delete All', 'Reset', 'Apply', and 'Cancel'.

Repeat and add another entry for port 4321. Click on Add button.

This is a close-up of the 'Add New Port Forwarding' form. The 'Enable Port Forwarding' checkbox is checked. The 'Private IP' field contains '192.168.2.3', the 'Type' dropdown is set to 'Both', and the 'Port Range' field contains '4321 - 4321'. The 'Add' and 'Reset' buttons are visible at the bottom right of the form.

There are two entries in the Port Forwarding table.



Both port 4321 and port 80 are forwarded to IP camera which local address is 192.168.2.3. Click on Apply button. Our router saved the settings and rebooted.

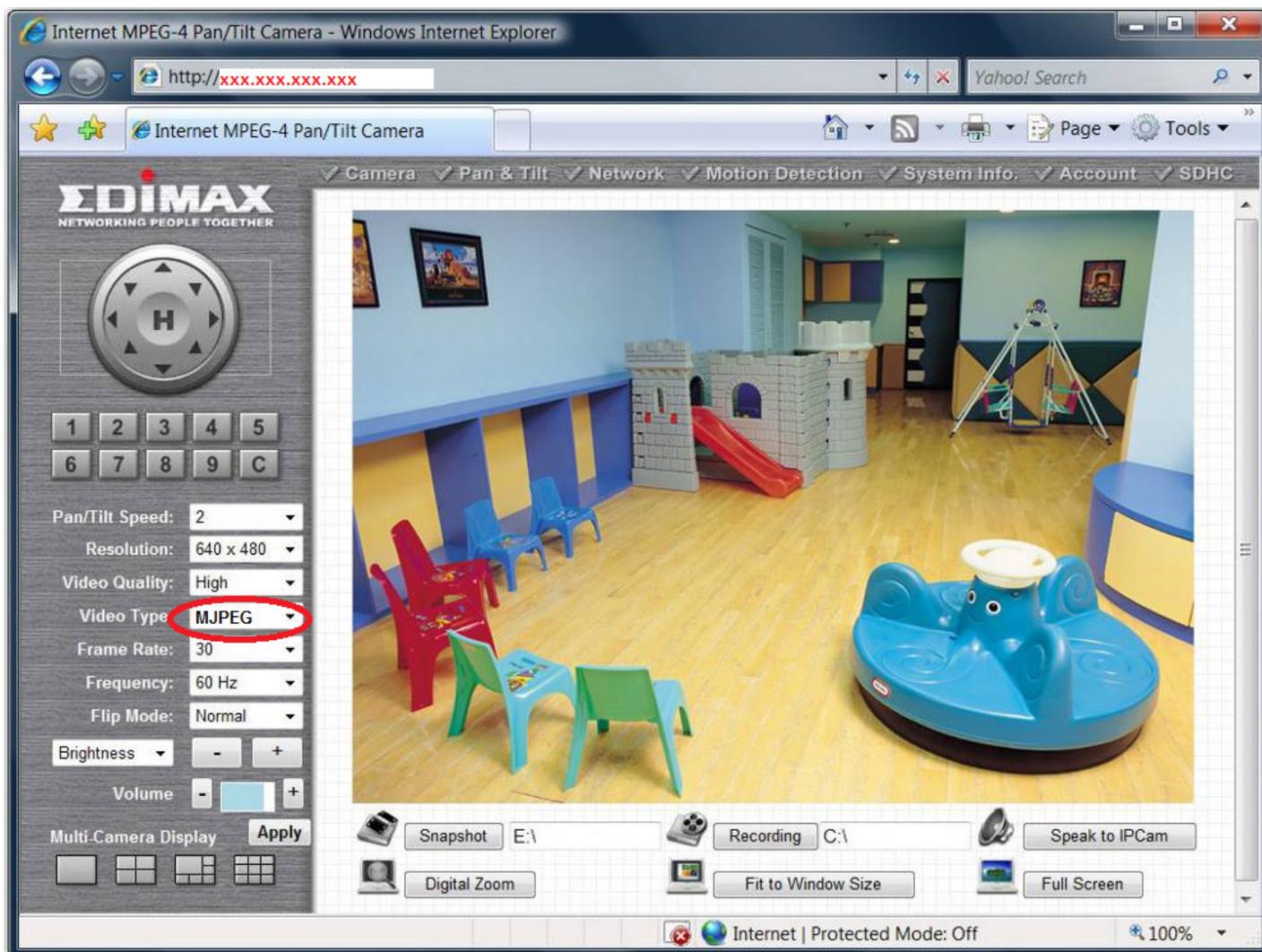
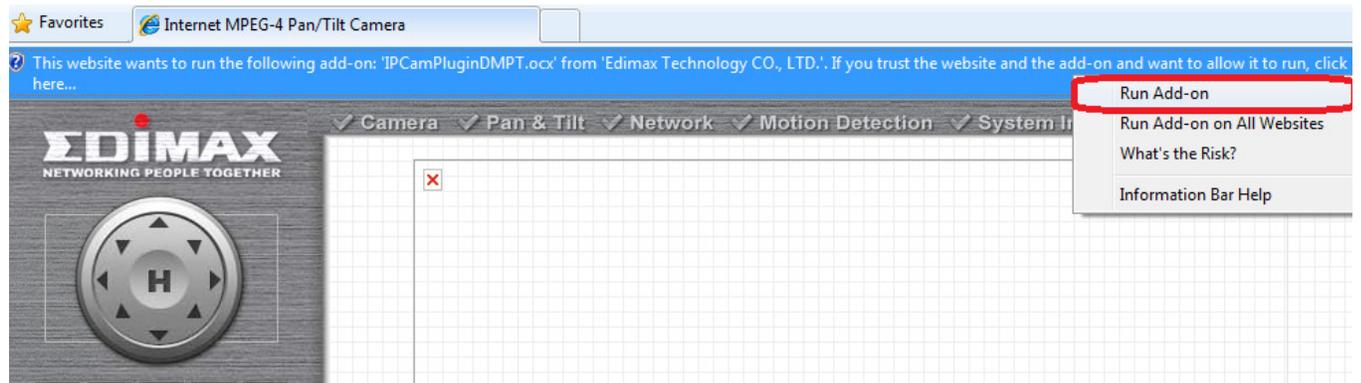
### Final step. Access the IP Camera from Internet.

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. Like <http://xxx.xxx.xxx.xxx>.

The IP Camera asks for the username and password credential. Enter the username and password and click OK to login.



After the correct username and password are entered, IE displays the following message. Click on Run Add-on. Then you can view the Camera.



If you want to view Video type on "MPEG4", you need to do port forwarding for RTSP.

Go to Network > RTSP tab, you can verify the ports used by RTSP.

RTSP default ports are 554 and 50000 to 60000.

Add port forwarding entries for RTSP in your router, then you can view the MPEG4 video stream from remote location.