

## Catalogue

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## Port Forwarding of Common Routers

Before you set up port forwarding manually, please check 2 things before you do it.

1. Make sure you know the router's brand, access URL, username and password. If you do not know them, please find help us the provider of the router, such as your ISP.
2. Find your camera's IP address and port, you could find them from network configuration.

Network Configuration	
Device Name	TENVIS
DHCP	<input type="checkbox"/>
IP Address	192.168.1.239
Net Mask	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	192.168.1.1
Web Port (default 80)	81
New port born after reboot	
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

Basic Network Settings	
Obtain IP from DHCP Server	<input type="checkbox"/>
IP Addr	192.168.1.239
Subnet Mask	255.255.255.0
Gateway	192.168.1.1
DNS Server	192.168.1.1
Http Port	81
<input type="button" value="Submit"/> <input type="button" value="Refresh"/>	

The IP and port of the camera is very important for port forwarding.

### For 2wire Router

1. Open a web browser like Internet Explorer, Chrome, Firefox & etc. Enter the internal IP address of your router in the address bar of your browser. The default URL is <http://192.168.1.1>
2. Click the **Firewall Settings** button, and then click **Add a new user-defined application**

**zWIRE** System Broadband Link Home Network **Firewall**

Summary **Firewall Settings** Advanced Settings HOME Site Map

## Edit Firewall Settings

### Settings

By default, the firewall blocks all unwanted access from the Internet. You can allow access from the Internet to applications running on computers inside your secure home network by enabling firewall pinholes. Opening firewall pinholes is also known as opening firewall ports or firewall port forwarding. To do this, associate the desired application with the computer below. If you cannot find a listing for your application, you can create a user-defined application profile. (To create a user-defined profile, you will need to know protocol and port information.)

- [View firewall details](#)
- [Reset all firewall settings](#)

**To Allow Users Through the Firewall to Hosted Applications..**

- Select a computer**  
Choose the computer that will host applications through the firewall:
- Edit firewall settings for this computer:**
  - Maximum protection** – Disallow unsolicited inbound traffic.
  - Allow individual application(s)** – Choose the application(s) that will be enabled to pass through the firewall to this computer. Click ADD to add it to the Hosted Applications list.
    - All applications
    - PF1
    - Age of Empires
    - Age of Kings
    - Age of Wonders
    - Aliens vs Predator
    - Anarchy Online
    - Asheron's Call
    - Baldur's Gate
    - BattleCom
    - Battlefield Communicator
    - Add a new user-defined application**
  - Allow all applications (DMZplus mode)** – Set the selected computer in DMZplus mode. All inbound traffic, except traffic

3. Add a new user-defined application.

The screenshot shows the Z-Wire Firewall configuration interface. At the top, there are navigation tabs: Summary, Firewall Settings (selected), and Advanced Settings. The main heading is "Edit Application". Below this is a "Settings" section with the following fields:

- Profile Name:** A text input field with the value "IP Camera".
- Definition:** A section with instructions: "Choose a protocol and enter the port(s) for this application, then click ADD DEFINITION to add the definition to the Definition List. If the application requires multiple ports or both TCP and UDP ports, you will need to add multiple definitions." A note below states: "Note: In some rare instances, certain application types require specialized firewall changes in addition to simple port forwarding. If the application you are adding appears in the application type menu below, it is recommended that you select it."
- Protocol:** Radio buttons for TCP (selected) and UDP.
- Port (or Range):** From: 81, To: 81.
- Protocol Timeout (seconds):** 86400. TCP default 86400, UDP default 600.
- Map to Host Port:** An empty text input field. Default = the same port as defined above.
- Application Type:** A dropdown menu showing "None (Default)".
- ADD DEFINITION:** A button highlighted with a red box.
- BACK:** A button in the bottom right corner.

**Application Name:** It is just a name whatever you want for port forwarding,

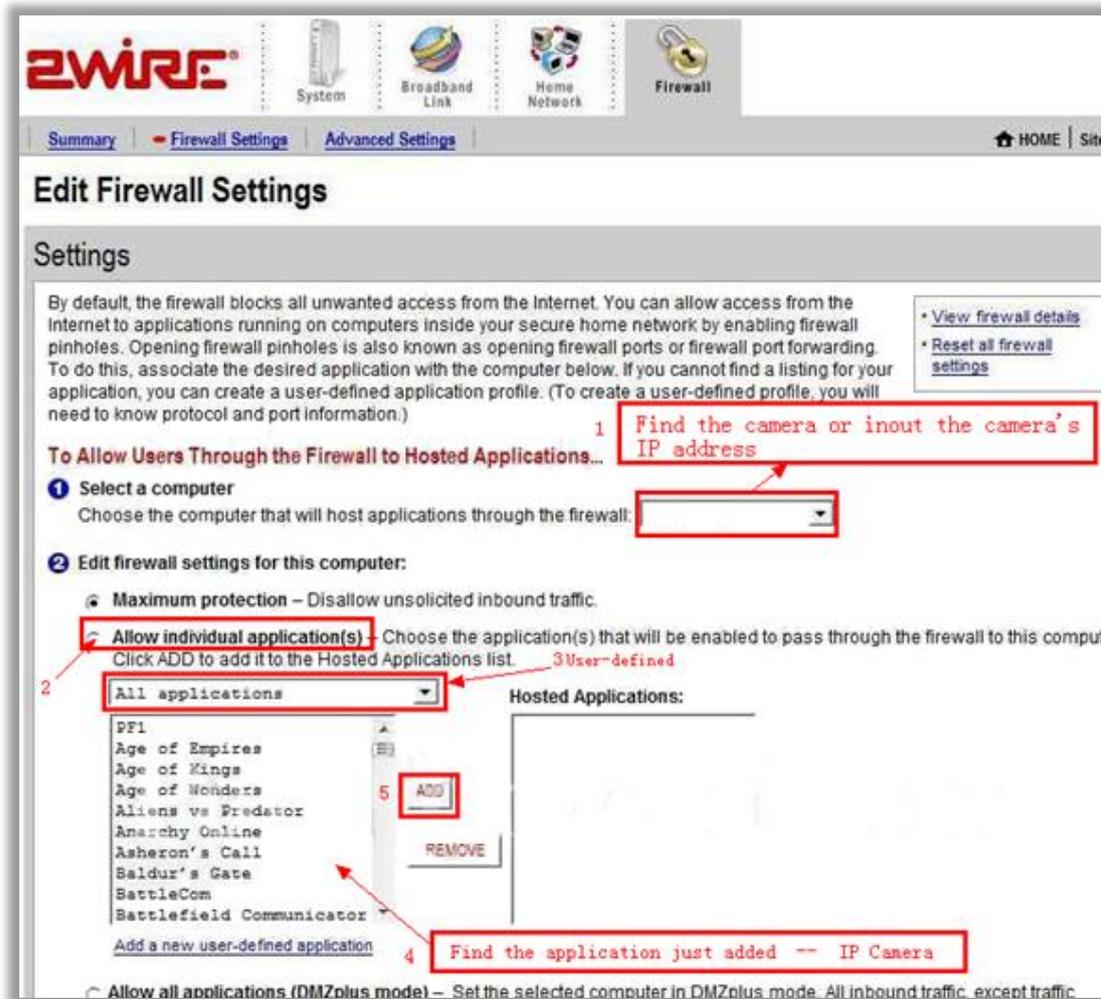
**Protocol:** TCP

**Port for range:** port of the camera

**Protocol timeout:** 86400

Click **Add**.

4. Sign the application for the IP Camera



### Select Computer

Select the IP camera in the list. You could choose the IP address or input the camera's IP address; it depends on the router's model.

Select **allow individual application**

Select **User-defined**

Find your application you just added.

Click **Add**

### For Actiontec Routers

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is <http://192.168.0.1>

2. Click **Advanced Port Forwarding**

**Blocking/Filtering**

- Services Blocking
- Website Blocking

**DSL**

- DSL Settings

**IP Addressing**

- DHCP Settings
- LAN IP Address
- WAN IP Address

**QoS**

- IP QoS Settings Upstream
- IP QoS Settings Downstream

**Remote Management**

- Remote Management / Telnet
- Telnet Timeout Setting

**Routing**

- Dynamic Routing
- Static Routing

**Security**

- Admin User Name & Password
- Advanced Port Forwarding**
- Applications

**Advanced Setup**

**Advanced Port Forwarding**

Please enter ports and port ranges that some Internet applications require to be forwarded in the spaces below.

IP Port Range	Protocol	IP Address
81 to 81	TCP	192.168.0.239

Remote IP Port Range	Remote IP Address
to	anyIP

Any IP/

**List of Forwarded Ports**

**IP Port Range:** The camera's port.

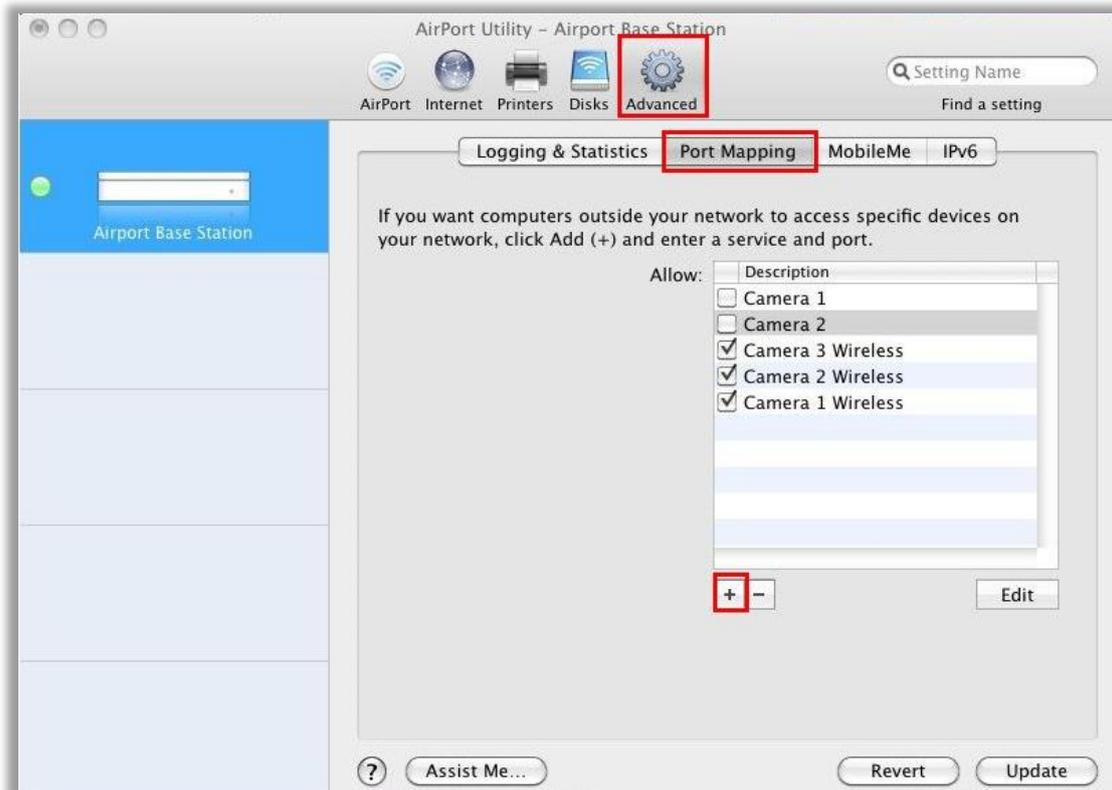
**Protocol:** TCP

**IP Address:** The camera's IP address.

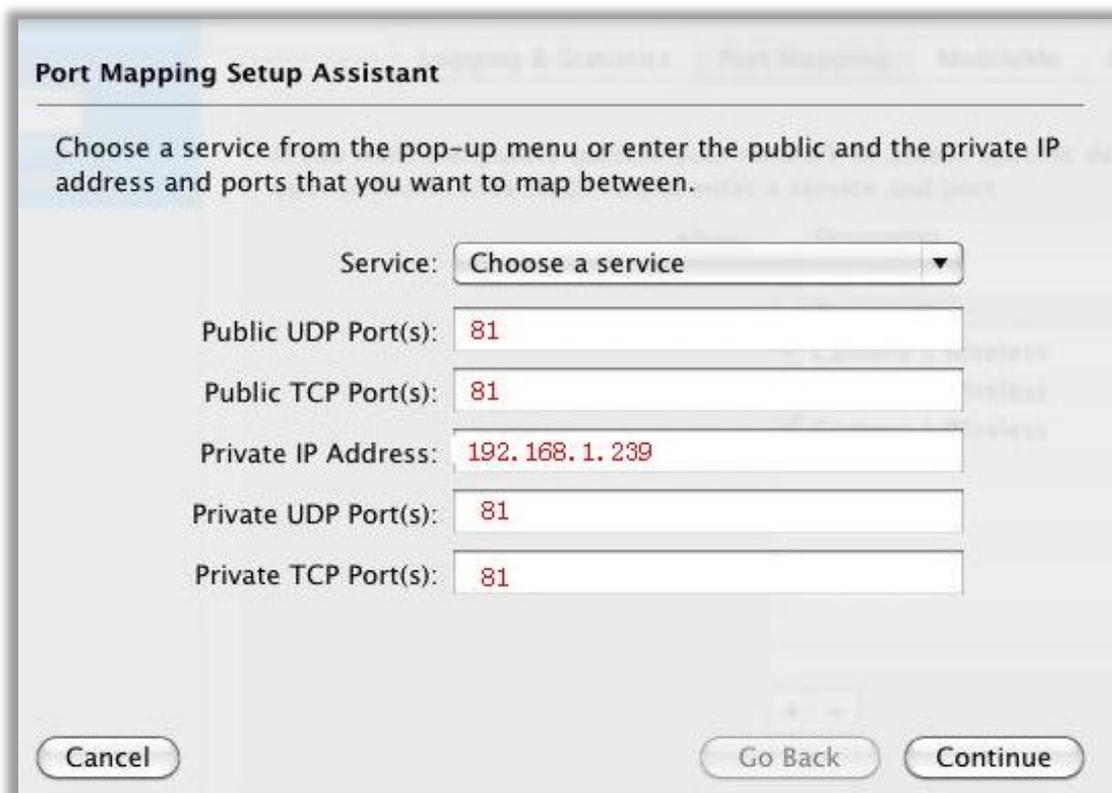
Click **Apply**

### For Apple Airport Extreme or Time Capsule

1. Go to your finder and type in Airport in the search and find your Airport Utility program.
2. If it prompts you to be configured manually or not select Manual
3. Find the Advanced Tab at the top and select it
4. Choose the Port Mapping option here



Add a service for IP camera.



**Service:** Choose a service

**Public UDP Ports:** the camera's port

**Public TCP ports:** the camera's port

**Private IP Address:** the camera's IP address

**Private UDP ports:** the camera's port

**Private TCP ports:** the camera's port

**Port Mapping Setup Assistant**

Enter the description for this port mapping entry.

Description:

Advertise globally using Bonjour

Service Name:

Service Type:

When you are finished, click Done to save your port mapping entry.

Cancel Go Back Done

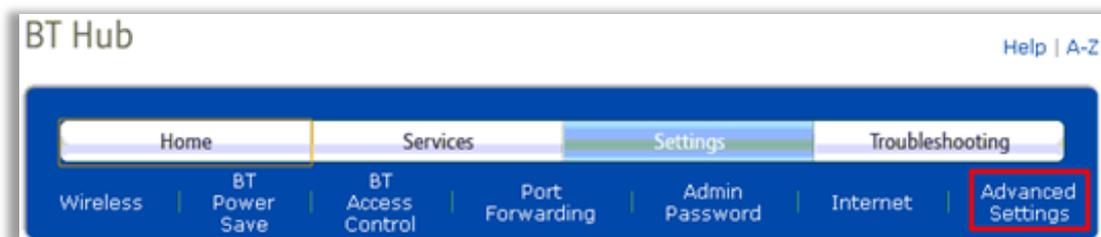


**Tips:**

Be sure to click on the Update button after making these changes to upload them to your Airport.

**For BT BTHomeHub Routers**

1. Open a web browser like Internet Explorer, Chrome, Firefox & etc. Enter the internal IP address of your router in the address bar of your browser. For BT routers, in general, it is `http://192.168.1.254`
2. Click **Advanced Settings** and Continue to Advanced Settings



BT Hub Help | A-Z

Home Services **Settings** Troubleshooting

### Advanced Settings

Your BT Hub's settings are pre-set and don't need to be adjusted for general use for most Broadband access or business networks.

However, you can use your Hub's Advanced Settings to set up specific applications or complex networks.

[Continue to Advanced Settings](#) [Return to Basic Settings](#)

3. Click **Supported Applications** and add a Application

BT Hub Help | A-Z

Home Services Settings **Troubleshooting**

Wireless | Broadband | Static IP | Business Network | **Port Forwarding** | System | Basic Settings

Configuration | **Supported Applications** | UPnP | DMZ | Firewall

### Supported Games & Applications

This page summarises the games and applications that are defined on your BT Hub, including any you've defined yourself. Each game or application can be assigned to only one device on your business network.

#### User-defined Games & Applications

Game or Application	Assigned to
---------------------	-------------

[Add new game or application](#)

BT Hub Help | A-Z

Home | Services | **Settings** | Troubleshooting

Wireless | Broadband | Static IP | Business Network | **Port Forwarding** | System | Basic Settings

Configuration | **Supported Applications** | UPnP | DMZ | Firewall

### Add User Defined Game or Application

Game/application name:

Copy an existing game/application:  Yes  No

▼

### Game or Application Definition

A game or application is made up of one or more TCP/UDP port ranges. Each incoming port range can be translated into a different internal (private network) port range.

Protocol	Port Range	Translate To	
<input type="text" value="Any"/> ▼	<input type="text" value="81"/> - <input type="text" value="81"/>	<input type="text" value="81"/> - <input type="text" value="81"/>	<input type="button" value="Add"/>

No port maps defined for this game or application

**Game/application name:** It is just a name whatever you want for port forwarding,

**Protocol:** Any or TCP

**Port Range:** The port of the camera

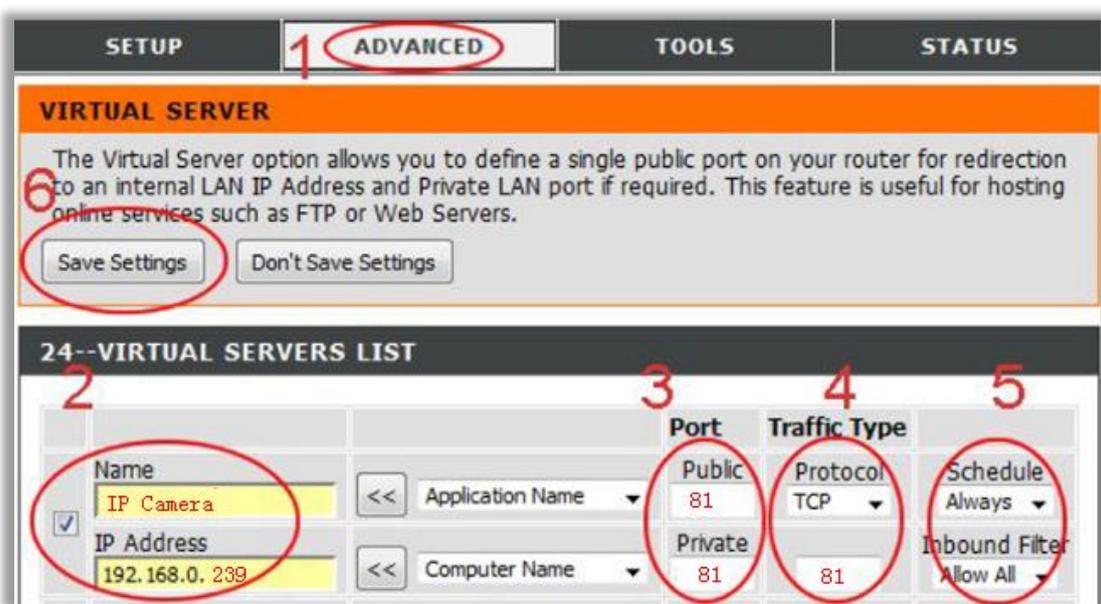
4. Click Configuration, Select the application you just added in Game or Application List. Select User Defended IP Address in the **Device** List.

Enter the camera's IP address into **Device IP Address**.



**For D-link Routers**

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For D-link routers, in general, it is http://192.168.0.1
2. Click **Advanced --- Virtual Server**



**Name:** It is just a name whatever you want for port forwarding,  
**Public:** the camera's port  
**Private:** the camera's port  
**Protocol:** TCP

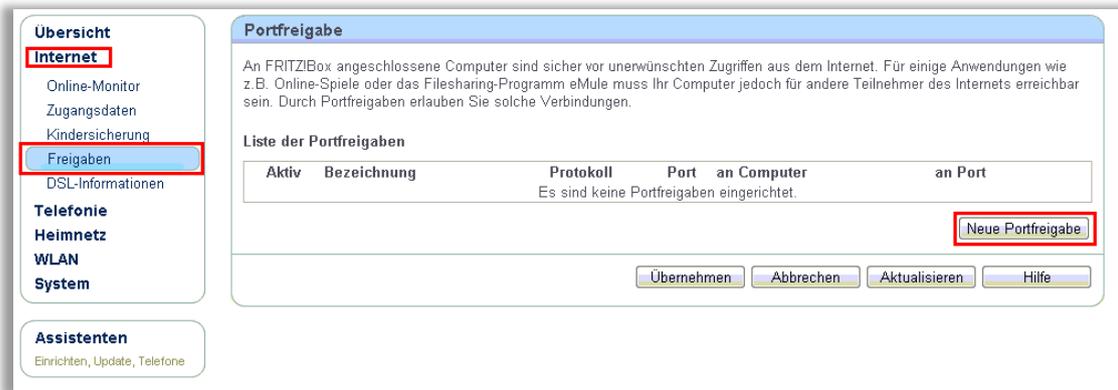
**Schedule:** Always

**Inbound Filter:** Allow All

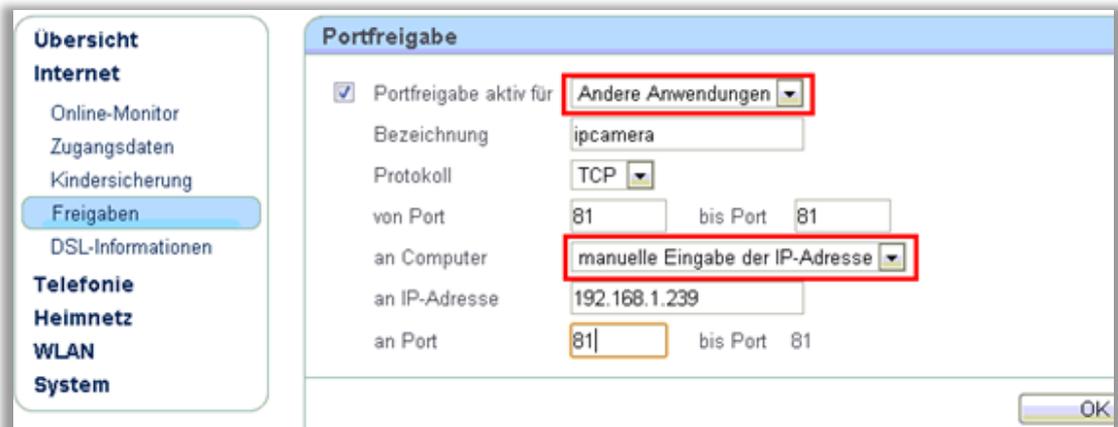
Click **Save Settings**

## For FRITZ!! Routers

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser to login your camera. By default the IP address should be set to `http://192.168.178.1`
2. Click the Internet link and then click **Portfreigabe**. In the **portfreigabe**, click **Neue Portfreigabe**.



3. Do port forwarding



Select **Andere Anwendungen** from the **Portfreigabe aktiv fur** drop down box.

**Bezeichnung:** A name, whatever you want

**Protokoll:** TCP

**von Port:** The camera's port

**bis Port:** The camera's port

**an Computer:** manuelle Eingabe der IP-Adresse

**an IP-Adresse:** The camera's IP address

**an Port:** The camera's port

## For Huawei Routers

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is http://192.168.1.1
2. Click **Advanced** --- **NAT**, and click **Port Mapping**

Advanced > NAT > Port Mapping

ALG DMZ Port Mapping Port Triggering

Status

Basic

Advanced

Routing

Firewall

NAT

DDNS

IGMP

QoS

SNTP

Port Mapping

New Remove

Interface	Protocol	Remote Host	External Port	Internal Port	Internal Host	Mapping Name	Enable
-----------	----------	-------------	---------------	---------------	---------------	--------------	--------

Settings

Type:  Customization  Application Please Choose...

Interface: nas\_0\_38 Protocol: TCP

External port: 81 Internal port: 192.168.1.239

Internal host: 81 Remote host:

Mapping name: TENVIS

Submit

**Name:** Whatever you want, it is just a name, eg: TENVIS IP Camera

**Public:** the camera's http port, eg: 81

**Private:** the camera's http port, eg: 81

**Protocol:** TCP

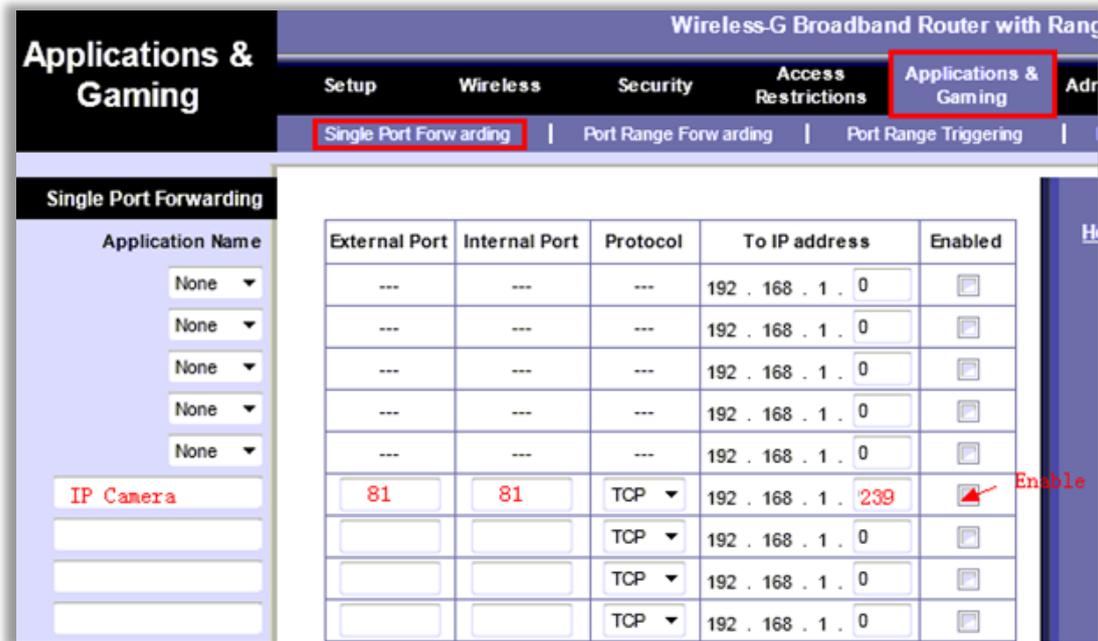
**Schedule:** Always

**Inbound Filter:** Allow All

Click **Save Settings**

## For Linksys W Series Routers

1. Open a web browser like Internet Explorer, Chrome, Firefox & etc. Enter the internal IP address of your router in the address bar of your browser. For these Series routers, in general, it is http://192.168.1.1
2. Click **Application & Gaming** and click **Single Port Forwarding**



**Application Game:** It is just a name whatever you want for port forwarding,

**External Port:** the camera's port

**Internal Port:** the camera's port

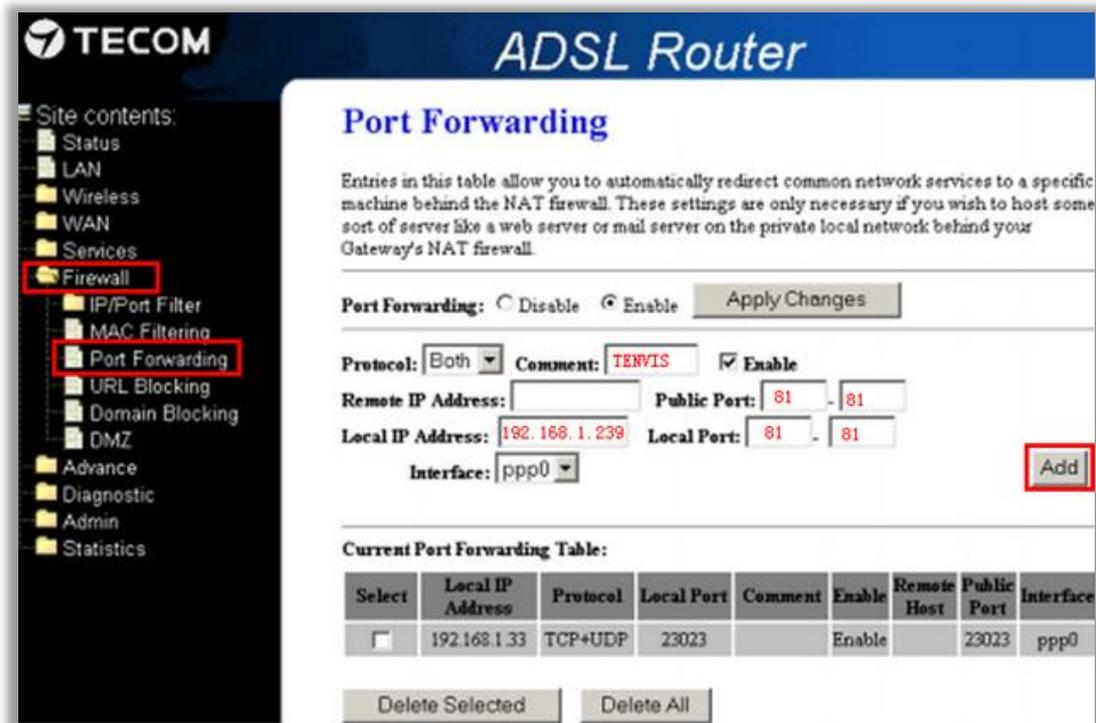
**Protocol:** TCP

**To IP address:** the camera's IP address

**Enabled:** Enable

### For Movistar Routers

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is http://192.168.1.1
2. Click **Firewall – Port Forwarding**



**Comment:** It is just a name whatever you want for port forwarding,

**Public Port:** the camera's port

**Local Port:** the camera's port

**Remote IP Address:** N/A

**Local IP Address:** the camera's IP address

Click **Add**

## For Netgear Routers 1

1. Open a web browser like Internet Explorer, Chrome, Firefox & etc. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is <http://192.168.1.254>
2. Click **Port Forwarding/Port Triggering** or **Port Forwarding**. Select **Port Forwarding** and select **Add Custom Service**

**NETGEAR**  
SMARTWIZARD router manager  
54 Mbps Wireless Router model WGR614v9

- Schedule
- Maintenance
  - Router Status
  - Attached Devices
  - Backup Settings
  - Set Password
  - Router Upgrade
- Advanced
  - Wireless Settings
  - Wireless Repeating Function
  - Port Forwarding / Port Triggering**
  - WAN Setup
  - LAN Setup

### Port Forwarding / Port Triggering

Please select the service type

Port Forwarding  
 Port Triggering

Service Name: Age-of-Empire Server IP Address: 192.168.1. Add

#	Service Name	Start Port	End Port	Server IP Address

Edit Service Delete Service

Add Custom Service

Or

- Setup
  - Basic Settings
  - Wireless Settings
  - WPS Settings
  - Wi-Fi Multimedia
- Maintenance
  - Gateway Status
  - Connection
  - Set Password
  - Backup
  - Event Log
  - Diagnostics
- Advanced
  - Wireless Settings
  - Dynamic DNS
  - MAC Filtering
  - IP Filtering
  - Port Blocking
  - Port Forwarding**
  - Port Triggering

### Port Forwarding

Active Forwarding Rules

Name	Start Port	End Port	Protocol	Local IP Address

Choose Predefined Service  
Service: -SERVICES-

**Add Custom Rules**

Name	Start Port	End Port	Protocol	Local IP Address
			Both	192.168.0.1

Add Delete Reset

**Setup**

- Basic Settings
- Wireless Settings
- WPS Settings
- Wi-Fi Multimedia

**Maintenance**

- Gateway Status
- Connection
- Set Password
- Backup
- Event Log
- Diagnostics

**Advanced**

- Wireless Settings
- Dynamic DNS
- MAC Filtering
- IP Filtering
- Port Blocking
- Port Forwarding**
- Port Triggering

### Port Forwarding

Active Forwarding Rules				
Name	Start Port	End Port	Protocol	Local IP Address

Choose Predefined Service  
Service:

**Add Custom Rules**

Name	Start Port	End Port	Protocol	Local IP Address
			Both	192.168.0.

3. Do port forwarding

**NETGEAR**  
SMARTWIZARD router manager  
54 Mbps Wireless Router model WG88

- Block Services
- Schedule
- E-mail

**Maintenance**

- Router Status
- Attached Devices
- Backup Settings
- Set Password
- Router Upgrade

**Advanced**

- Wireless Settings
- Port Forwarding / Port Triggering**
- WAN Setup

### Ports - Custom Services

Service Name:

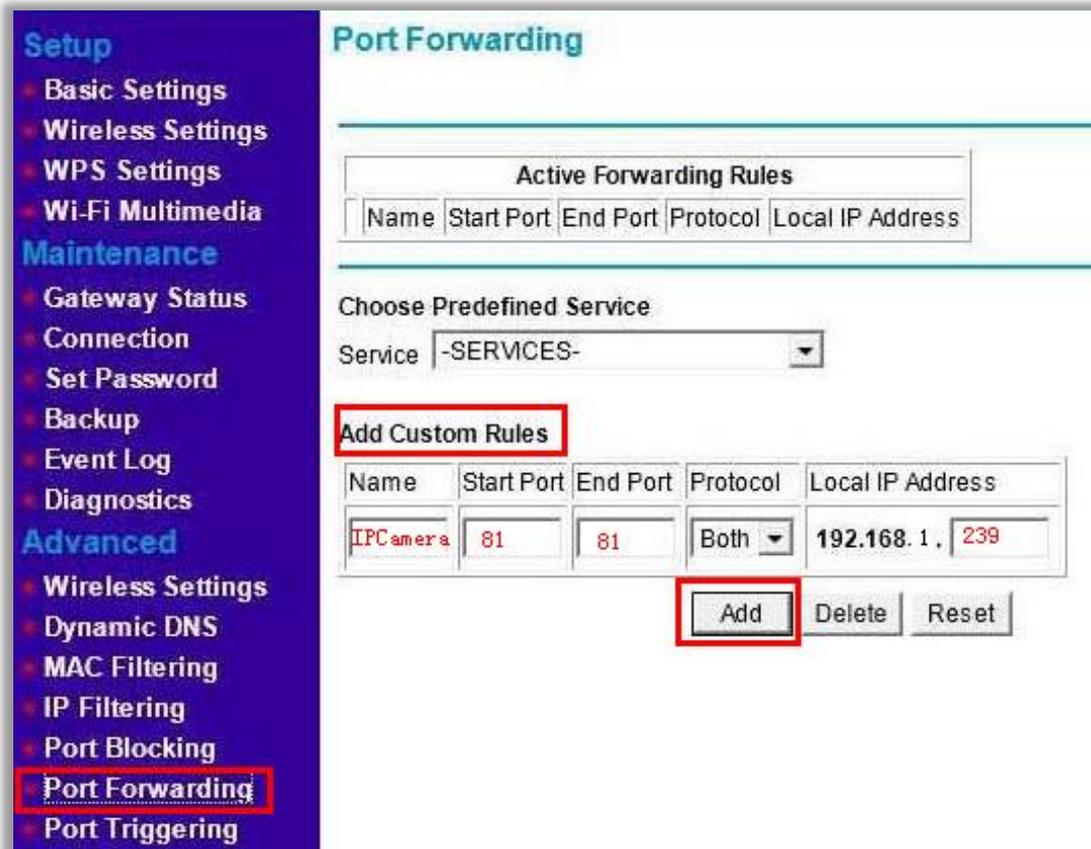
Service Type:

Starting Port:  (1-65534)

Ending Port:  (1-65534)

Server IP Address:  .  .  .

Or



**Service Name:** It is just a name whatever you want for port forwarding,

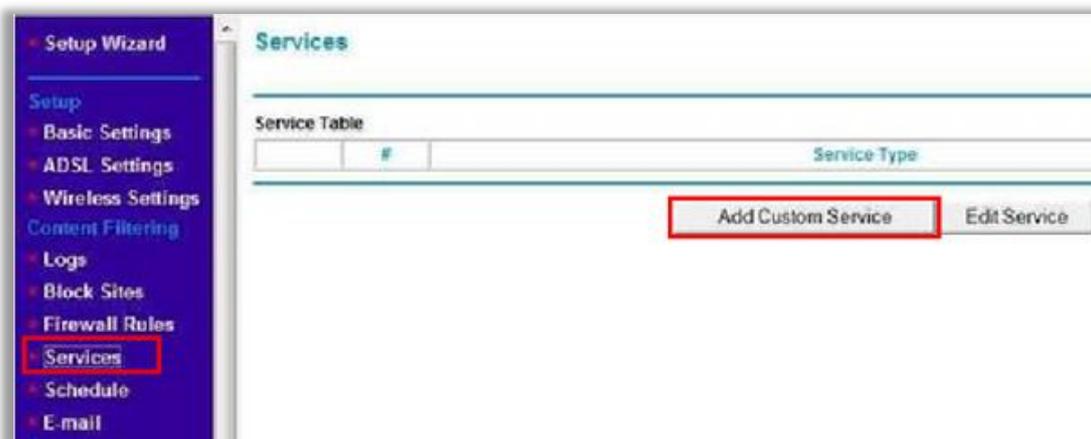
**Starting Port:** port of the camera

**Ending Port:** port of the camera

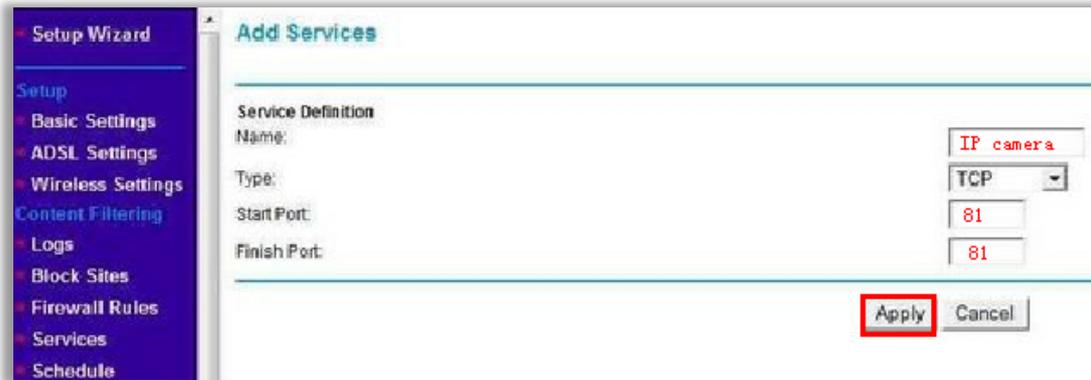
**Service IP Address:** IP of the camera

## For Netgear Routers 2

1. Open a web browser like Internet Explorer, Chrome, Firefox & etc. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is http://192.168.1.254
2. Click the **Services** link and Click **Add Custom Service** button.



3. Add a ip camera service



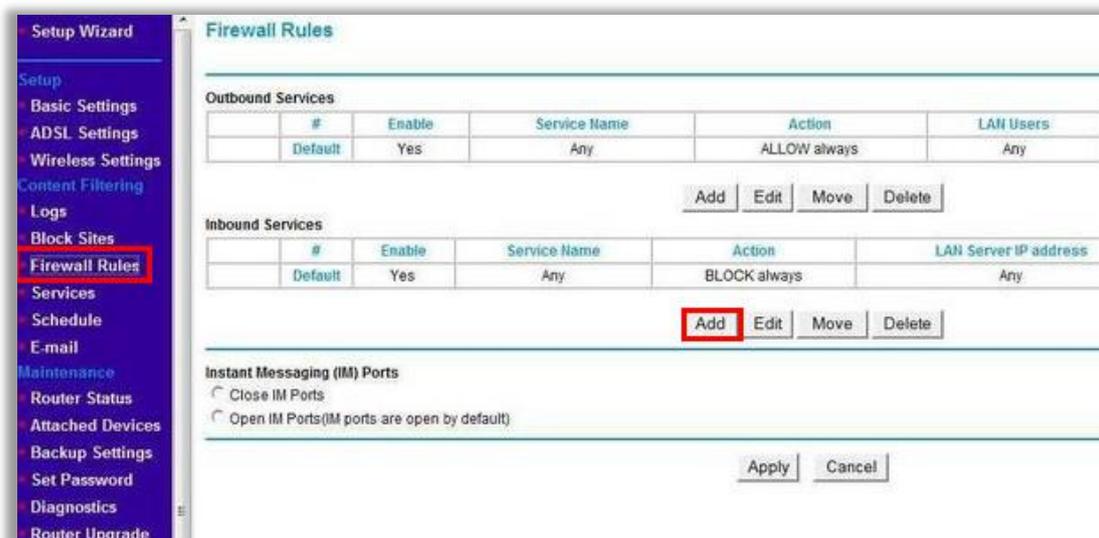
**Name:** Whatever you want

**Type:** TCP

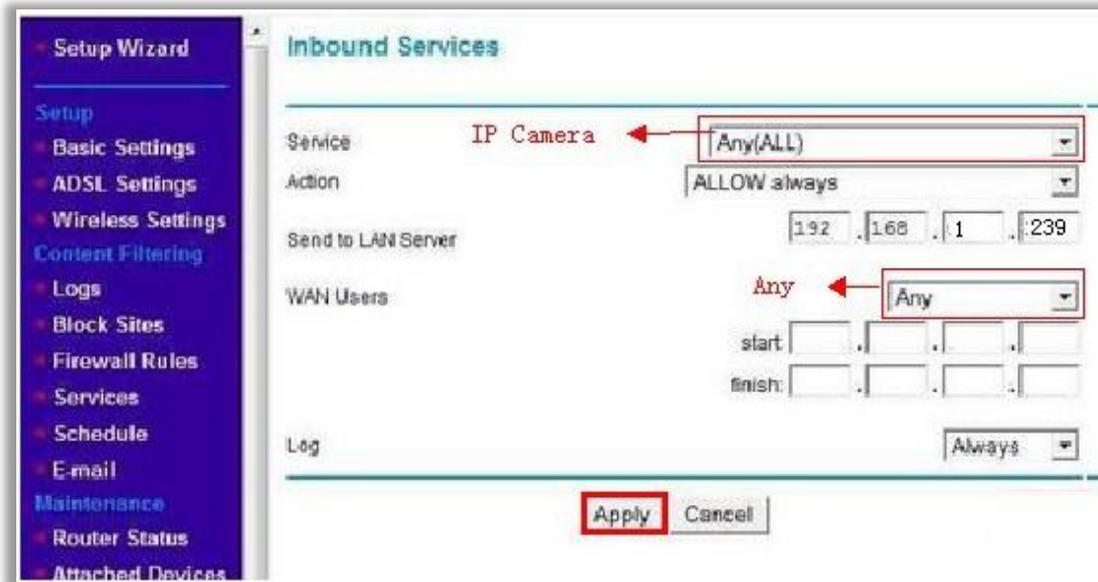
**Start Port:** The camera's port

**End Port:** The camera's port

4. Click the **Firewall Rules** link, click the **Inbound Services Add** button.



5. Add the Service you added before into firewall rules



**Service:** Select the service you added in Service settings

**Action:** Allow always

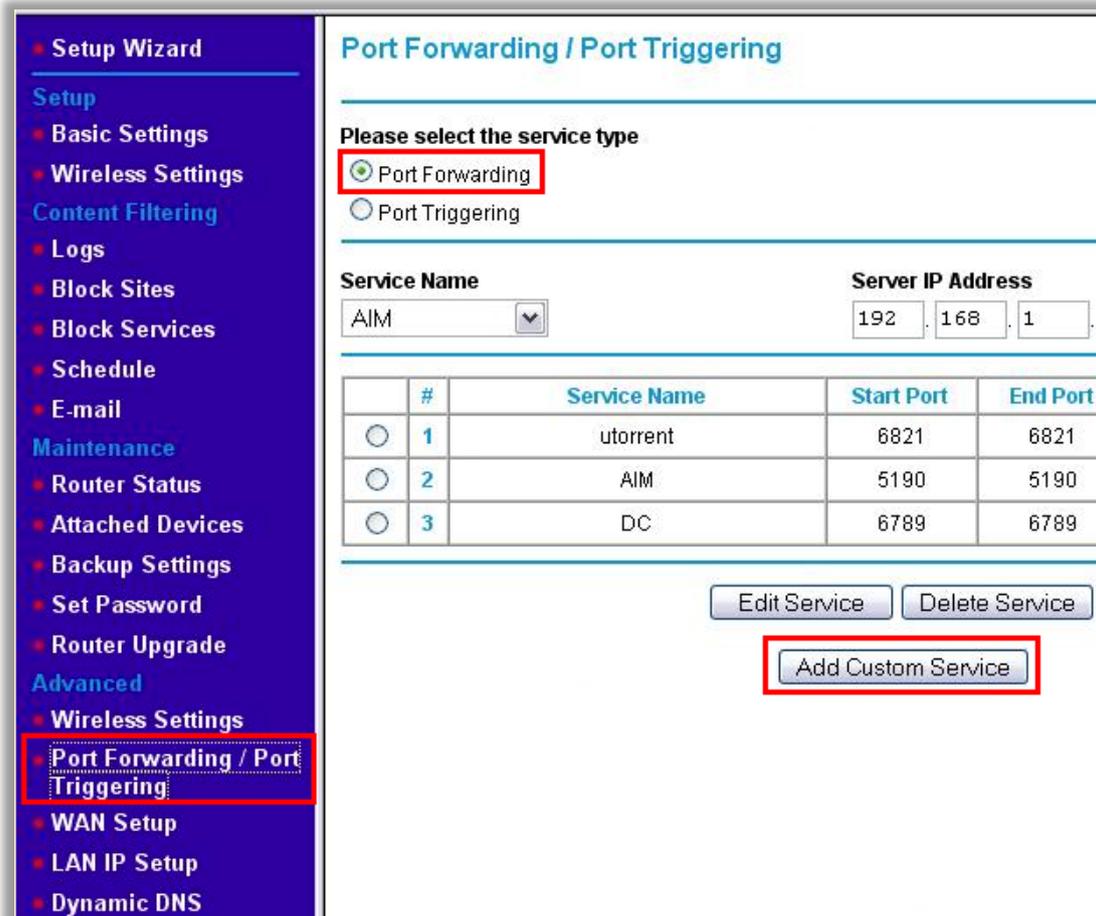
**Send to Lan Server:** The IP of the IP Camera

**Wan User:** Any

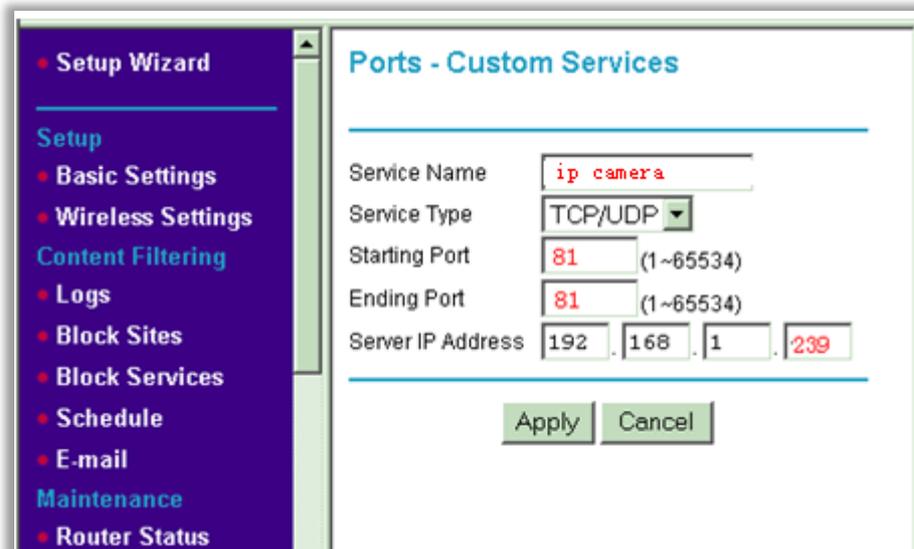
**Log:** Always or None

### For Netgear Routers 3

1. Open a web browser like Internet Explorer, Chrome, Firefox & etc. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is <http://192.168.1.254>
2. Click the **Port Forwarding / Port Trriggering** link and Click **Add Custom Service** button.



3. Add a customer service for the camera



**Name:** It is just a name whatever you want for port forwarding,

**Type:** TCP

**Start Port:** The camera's port

**End Port:** The camera's port

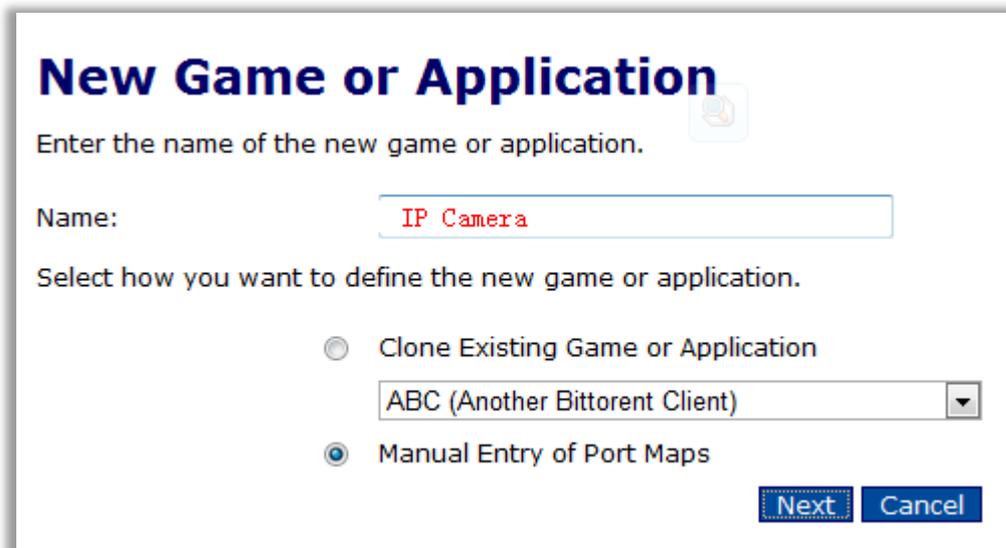
**Server IP Address:** The camera's IP address

## For O2 router

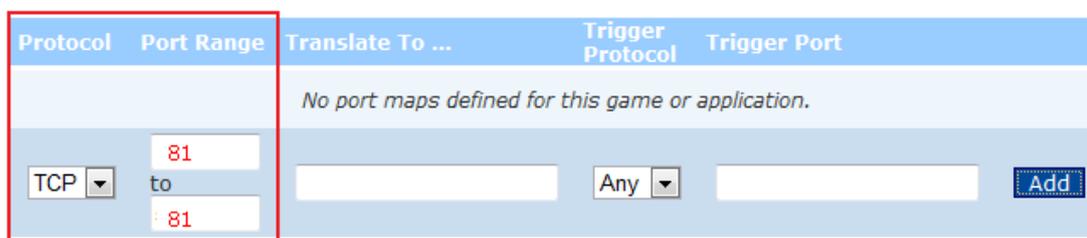
1. Click <http://192.168.1.254> If you are prompted for a login the username is "Administrator" and the password is the serial number of your router (printed on its underside, excluding the bit in brackets).
2. Click **Toolbox > Game & Application Sharing > Create a new game or application.**



3. Enter the name of your application, e.g. IP Camera, click "Manual Entry of Port Maps", then Next.



4. In the list below Protocol, select the protocol of your application (TCP). In the two boxes below "Port Range", enter the port number of your camera, and then click Add. Repeat this step for all the ports you need forwarded.



5. Click **Assign a game or application to a local network device.**

## Pick a task

- > Assign a game or application to a local network device
- > Create a new game or application

6. Select your newly created application in "Game or Application", eg: "IP Camera" select your device in Device or select User Define and input the camera's IP address, eg: "192.168.1.239", then click Add.

Game or Application	Device	Log
<i>No games or applications assigned.</i>		
IP Camera	User Define	<input type="checkbox"/>
	IP	192.168.1.239
<input type="button" value="Add"/>		

## For Sky / Sagmen Routers

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For Sky / Sagmen routers, in general, it is http://192.168.0.1
2. Click **SECURITY** --- **SERVICE**, and click **ADD CUSTOM SERVICE**

SETUP | SECURITY | MAINTENANCE | ADVANCED

LOGS | BLOCK SITES | FIREWALL RULES | SERVICES | SCHEDULE

## BROADBAND SETUP

### SERVICES

Service Table

#	Service Type	Ports
---	--------------	-------

3. Add a Custom Service

[SETUP](#) | [SECURITY](#) | [MAINTENANCE](#) | [ADVANCED](#)

[LOGS](#) | [BLOCK SITES](#) | [FIREWALL RULES](#) | [SERVICES](#) | [SCHEDULE](#)

## BROADBAND SETUP

### SERVICES - ADD CUSTOM SERVICE - PORT FORWARDING

Service Definition

Name:

Type:

Start Port:

Finish Port:

**Name:** It is just a name whatever you want for port forwarding,

**Start Port:** the camera's port

**Finish port:** the camera's port1

**Type:** TCP

Click **APPLY**

4. Click **SECURITY – FIREWALL RULES**, add the service to the camera

[SETUP](#) | [SECURITY](#) | [MAINTENANCE](#) | [ADVANCED](#)

[LOGS](#) | [BLOCK SITES](#) | [FIREWALL RULES](#) | [SERVICES](#) | [SCHEDULE](#)

## BROADBAND SETUP

### FIREWALL RULES - INBOUND SERVICES

Service:

Action:

Send to LAN Server:  .  .  .

WAN Users:

Start:  .  .  .

Finish:  .  .  .

Log:

**Service:** Select the service you just added.

**Action:** ALLOW always

**Send to LAN Server:** The camera's IP address

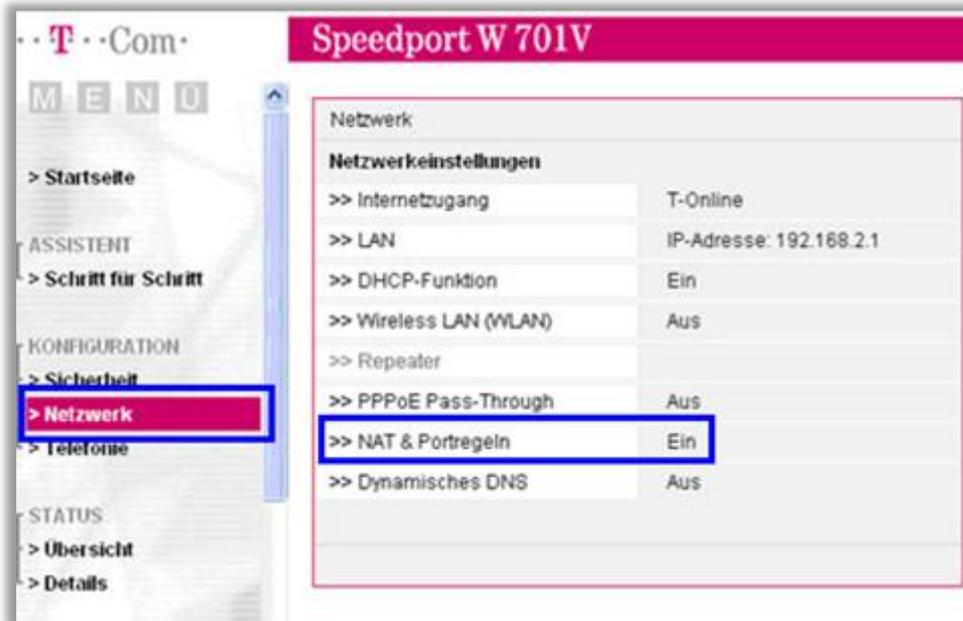
**WAN Users:** Any

**Log:** Never

Click **APPLY**

## For Speedport Routers 1

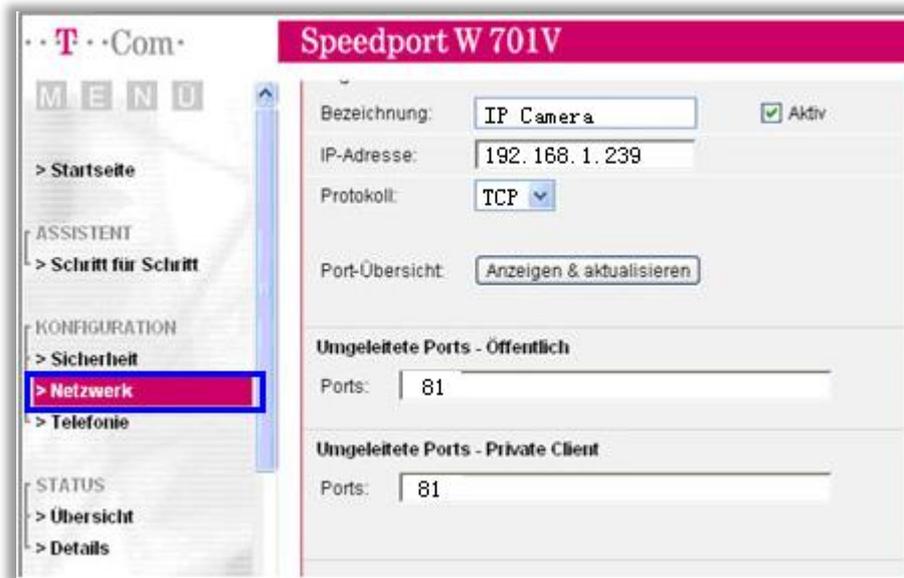
1. Login your router. Click **Netzwerk** and **NAT & Portregeln**.



2. Click **Neue Regel anlegen**



3. Set port forwarding.



**Bezeichnung:** A name for port forwarding

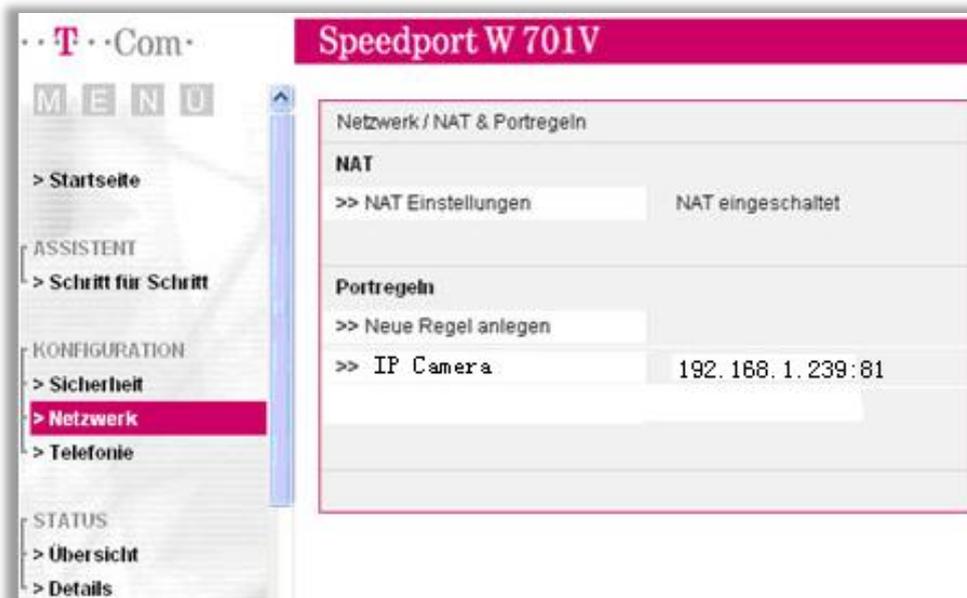
**IP-Adresse:** The camera's IP address

**Protokoll:** TCP

**Ports:** The camera's port

**Ports:** The camera's port

4. Then the camera has been forwarded to Internet.



## For Speedport (Deutsch) Routers 2

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is <http://192.168.1.1>

2. Click **Netzwerk --- Nat & Portregeln**, and click **ADD CUSTOM SERVICE**

**T-Com** **Speedport W 700V**

Modus T-DSL / Festnetz

- > Startseite
- ASSISTENT
- > Schritt für Schritt
- KONFIGURATION
- > Sicherheit
- > Netzwerk**
- > Telefonie
- STATUS
- > Übersicht

**Netzwerk**

**Netzwerkeinstellungen**

>> Internetzugang	T-Online
>> LAN	IP-Adresse: 192.168.2.1
>> DHCP-Funktion	Ein
>> Wireless LAN (WLAN)	Ein
>> Repeater	Aus
>> PPPoE Pass-Through	Aus
<b>&gt;&gt; NAT &amp; Portregeln</b>	<b>0 Regel(n)</b>
>> Dynamisches DNS	Ein

3. Click **PCs übernehmen & freigeben**

Modus T-DSL / Festnetz

- > Startseite
- ASSISTENT
- > Schritt für Schritt
- KONFIGURATION
- > Sicherheit
- > Netzwerk**
- > Telefonie

**Netzwerk / NAT & Portregeln**

**PC Liste für Portregeln**

<b>&gt;&gt; PCs übernehmen &amp; freigeben</b>	1 PCs übernom
--	---------------

**Portregeln**

>> Port-Weiterleitung	0 Regel(n)
>> Port-Umleitung	0 Regel(n)
>> Port-Öffnung (dynamisch)	0 Regel(n)

4. Find your IP camera here and Add PC-Name to the camera

Modus T-DSL / Festnetz

- > Startseite
- ASSISTENT
- > Schritt für Schritt
- KONFIGURATION
- > Sicherheit
- > Netzwerk**

**Netzwerk / NAT & Portregeln / PCs übernehmen & freigeben**

**PCs übernehmen & freigeben**

MAC-Adresse	IP-Adresse	PC-Name	
64-70-02-FD-7D-EB	192.168.1.239	TENVIS	<input type="button" value="Übern."/>

5. Click **SECURITY – FIREWALL RULES**, add the service to the camera

Modus T-DSL / Festnetz

> Startseite

ASSISTENT

> Schritt für Schritt

KONFIGURATION

> Sicherheit

> **Netzwerk**

> Telefonie

Netzwerk / NAT & Portregeln

**PC Liste für Portregeln**

>> PCs übernehmen & freigeben	1 PCs übernommen
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**Portregeln**

>> <b>Port-Weiterleitung</b>	0 Regel(n)
>> Port-Umleitung	0 Regel(n)
>> Port-Öffnung (dynamisch)	0 Regel(n)

6. Select **Neue Regel definieren**

Modus T-DSL / Festnetz

> Startseite

ASSISTENT

> Schritt für Schritt

KONFIGURATION

> Sicherheit

> **Netzwerk**

> Telefonie

STATUS

> Übersicht

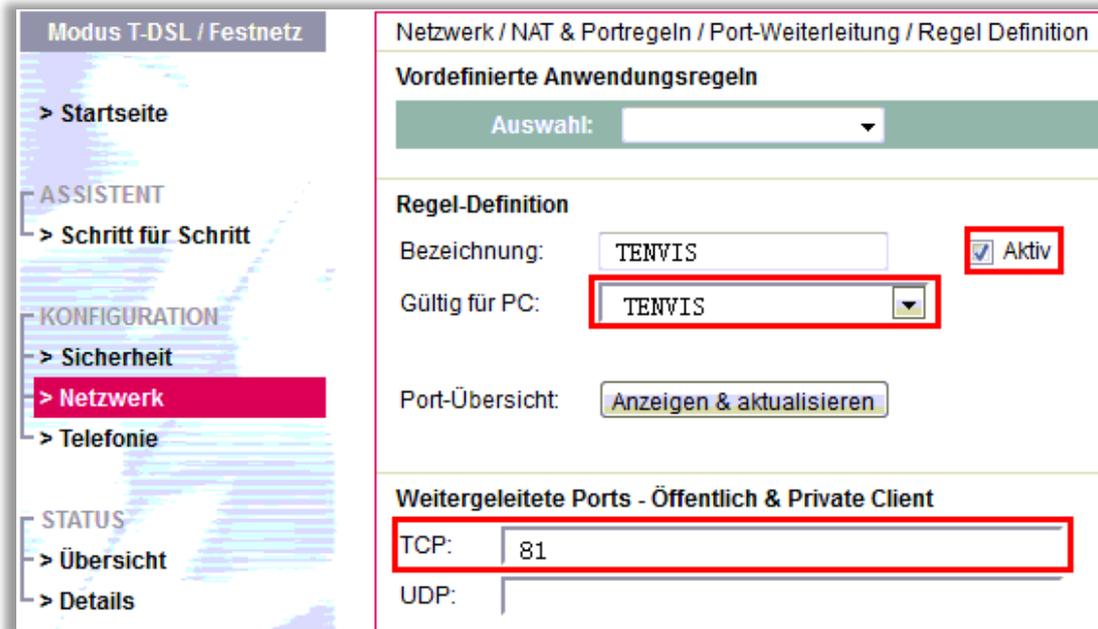
> Details

Netzwerk / NAT & Portregeln / Port-Weiterleitung

**Port-Weiterleitung**

>> <b>Neue Regel definieren</b>
>> Neue Regel definieren

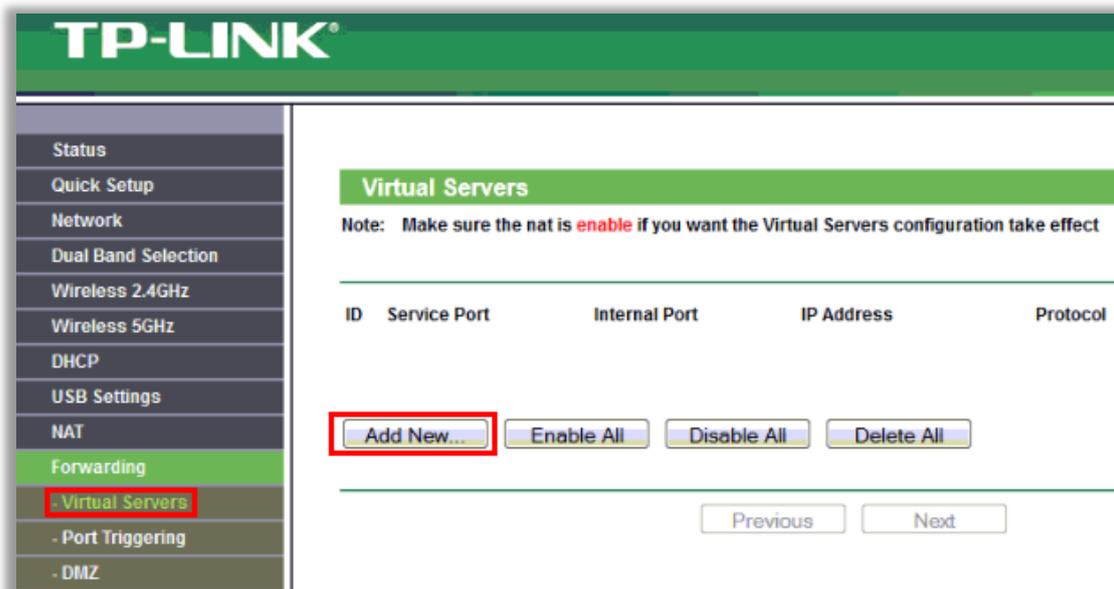
7. Set port forwarding



- Bezeichnung:** It is just a name whatever you want for port forwarding
- Gültig für PC:** Select the camera you just added
- TCP:** The camera's port

### For TP-Link Routers 1

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For TP-link routers, in general, it is http://192.168.1.1
2. Click **Forwarding --- Virtual Servers**



3. Set port forwarding

**Add or Modify a Virtual Server Entry**

Service Port:  (XX-XX or XX)

Internal Port:  (XX, Only valid for single Service Port or leave it blank)

IP Address:

Protocol:

Status:

Common Service Port:

**Service Port:** the camera's port

**Internal Port:** the camera's port

**IP Address:** the camera's IP address

**Protocol:** ALL or TCP

**Status:** Enabled

Click **Save**

### For TP-Link / Binatone Routers

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is `http://192.168.1.1`
2. Click **Advanced Setup --- Virtual Servers**

**Advanced** | Quick Start | Interface Setup | **Advanced Setup** | Access Management | Maintenance

Firewall | Routing | **NAT** | QoS | VLAN | ADSL

**NAT**

Virtual Circuit :

NAT Status : Activated

Number of IPs :  Single  Multiple

3. Set port forwarding

**Virtual Server**

Virtual Server for : Single IP Account

Rule Index : 1

Application : tennis

Protocol : ALL

Start Port Number : 81

End Port Number : 81

Local IP Address : 192.168.1.239

**Application:** A name for port forwarding, e.g.TENVIS

**Protocol:** ALL or TCP

**Start Port Number:** the camera's http port, eg: 81

**Endl Port Number:** the camera's http port, eg: 81

**Local IP Address:** the camera's IP address, e.g.:192.168.1.239

Click **Save**

### **For Virgin Routers 1**

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is http://192.168.0.1 or http://192.168.0.254
2. Click **Advanced –Port Forwarding**

**Virgin media**

**Port Forwarding**

**Active Forwarding Rules**

	Name	Start Port	End Port	Protocol	Local IP Address
<input type="radio"/>	ip 1	81	81	Both	192.168.0.239
<input type="radio"/>	ip 2	82	82	Both	192.168.0.240

**Choose Predefined Service**

Service:

**Add Custom Rules**

Name	Start Port	End Port	Protocol	Local IP Address
TENVIS	81	81	Both	192.168.0.239

**Name:** A name whatever you want for port forwarding

**Start Port:** the camera's port

**End Port:** the camera's port

**Local IP Address:** the camera's IP address

Click **Add**

## For Virgin Routers 2

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is http://192.168.0.1
2. Click **Advanced Settings**

Manage your Super Hub and wireless network



**WiFi**  
Wireless Network Settings

**Super Hub**  
Settings

**Device Connection**  
Status

Change your wireless network settings, manage your wireless security and more.

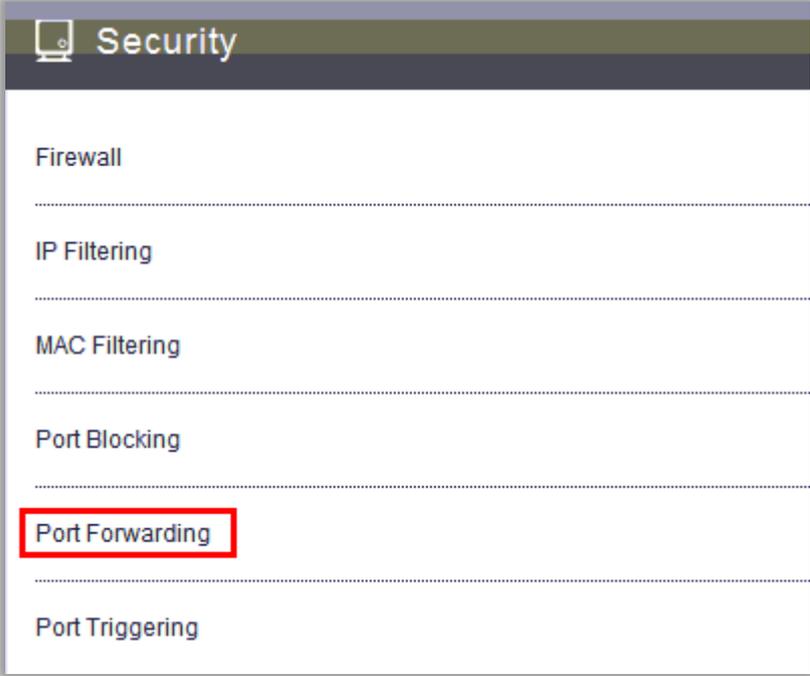
Enable or disable Modem Mode, change your Super Hub password and other settings.

Check your web usage and monitor devices connected to your network.

You are currently in Mode. To change to Modem Mode, go to the Super Hub Settings section.

[Advanced Settings](#)

3. Select Port Forwarding



**Security**

Firewall

IP Filtering

MAC Filtering

Port Blocking

**Port Forwarding**

Port Triggering

4. Set Port Forwarding

**Predefined Rule**

Service  ?

**Add Rule**

Name  ?

Start Port  ? End Port  ?

Protocol  ?

IP Address  ?

**Name:** A name whatever you want for port forwarding

**Start Port:** the camera's port

**End Port:** the camera's port

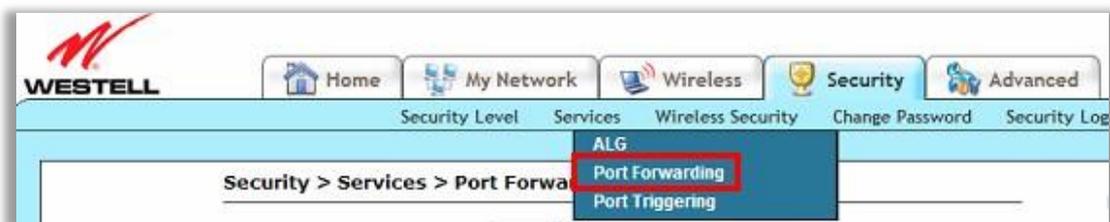
**Protocol:** TCP

**IP Address:** the camera's IP address

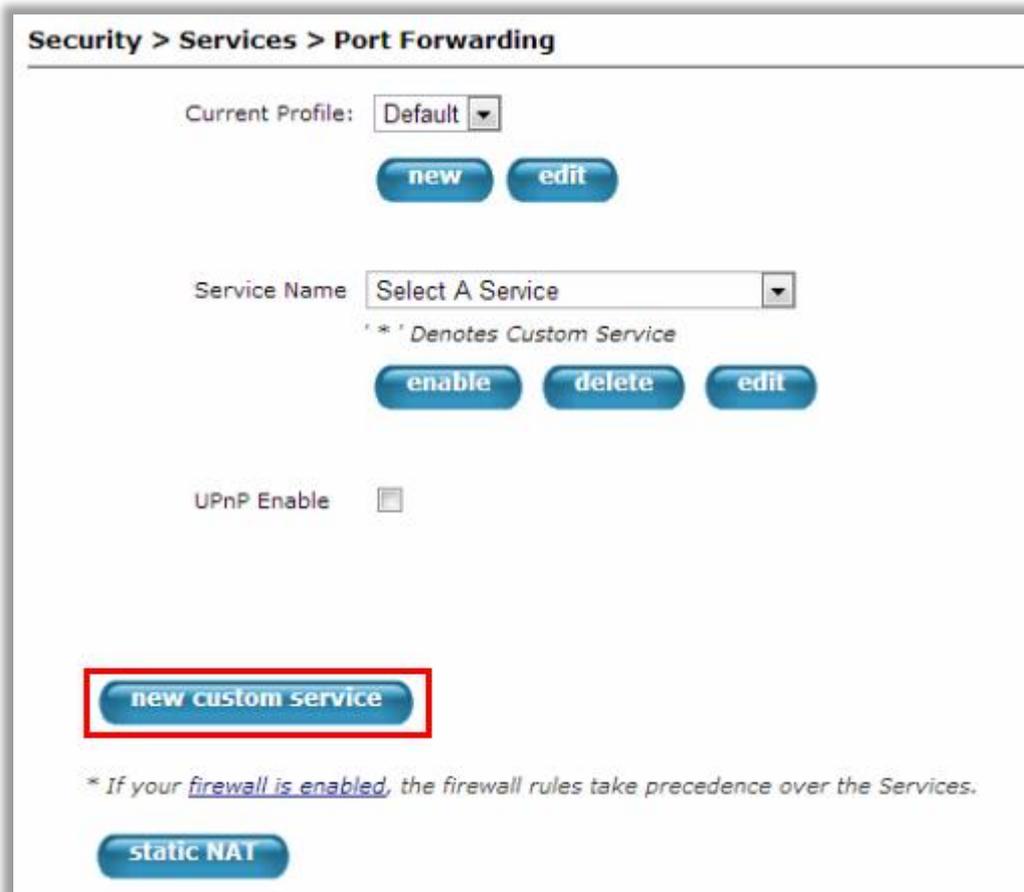
Click **Add Rule**

### For Webtoll Routers

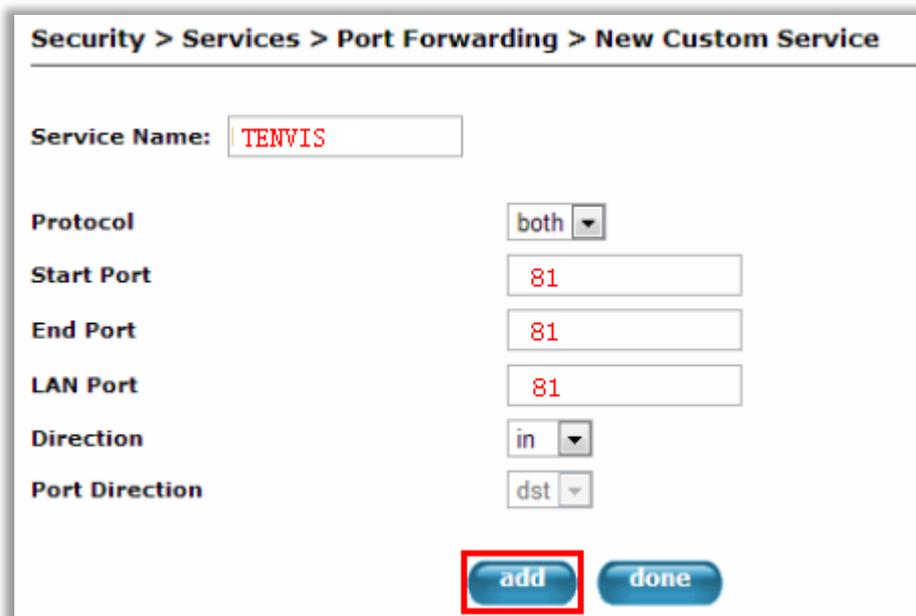
1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is http://192.168.200.1
2. Click **Security --- Service – Port Forwarding**



3. Click **new custom service**



4. Add a new custom service



**Service Name:** A name whatever you want for port forwarding  
Select the service you just added.

5. And click **static NAT**

**Security > Services > Port Forwarding**

Current Profile:

**Service Name**

UPnP Enable

**Service Name** **LAN**

ip camera 1	192.
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\* If your *firewall is enabled*  *over the Services.*

TERVIS

6. Enter the IP address of the camera, click **Enable**.

**Static NAT**

Set up an IP address to be your default NAT destination.

Static NAT Device

or specify

IP Address

*All unsolicited inbound traffic will be sent to the above device.*

*Note: Static NAT and Single Static IP are mutually exclusive features.*

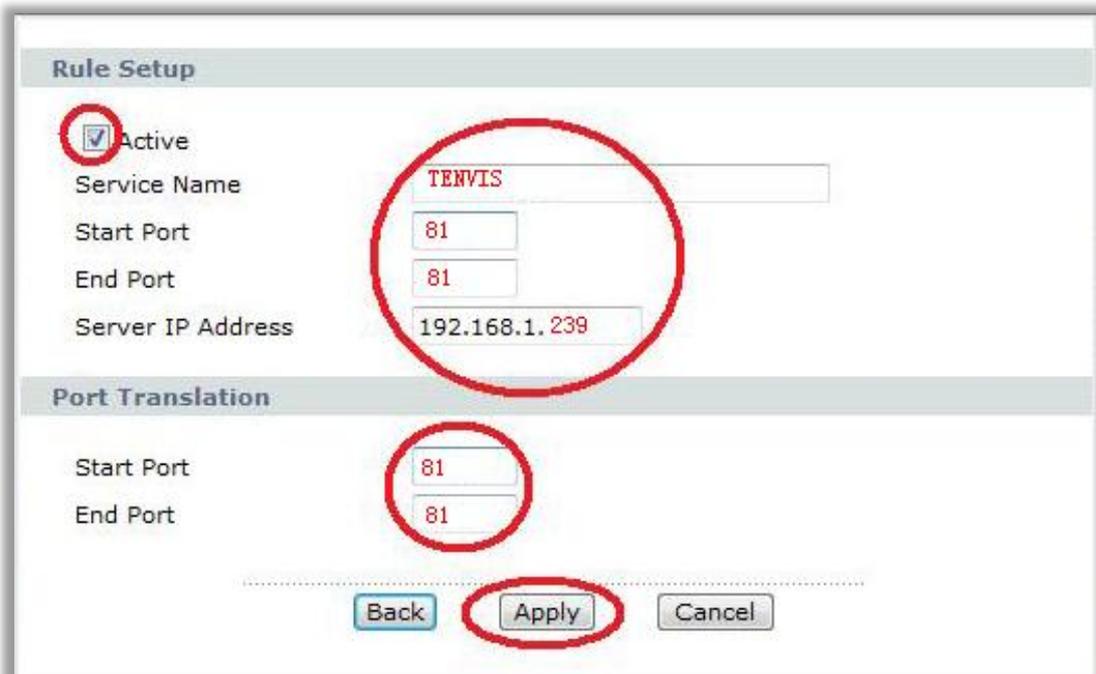
[Help](#)

## For Zyxel Routers

1. Open a web browser like Internet Explorer or Chrome. Enter the internal IP address of your router in the address bar of your browser. For these routers, in general, it is `http://192.168.1.254`
2. Click **Network** --- **NAT**, and click **Port Forwarding**



3. Add a new rule



**Service Name:** It is just a name whatever you want for port forwarding

**Start Port:** the camera's port

**End Port:** the camera's port

**IP Address:** The camera's IP address

Click **Apply**