

## 2wire Router Port Forwarding Setup for Viewtron DVR

1. Log into your 2wire Router by typing in the following gateway into a web browser <http://192.168.1.1>
2. Click "Firewall" > "Firewall Settings" > "Add new user defined application"

The screenshot shows the 2Wire router's web interface. At the top, there are navigation tabs: Summary, Firewall Settings (highlighted with a red box), and Advanced Settings. Above these tabs are icons for System, Broadband List, Home Network, and Firewall (highlighted with a red box). Below the tabs, the page title is "Edit Firewall Settings". The main content area is titled "Settings" and contains the following text:

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](#)

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

**1 Select a computer**  
Choose the computer that will host applications through the firewall:

**2 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.

**Applications:**

- All
- Games
- Audio/Video
- Messaging and Internet
- Phone
- Servers
- Other
- User-defined

[Add new user-defined application](#) (highlighted with a red box)

[Edit or delete user-defined application](#)

**Hosted Applications:**

- ABC 1

**Allow all applications (DMZplus mode)** – Set the selected computer in DMZplus mode. All inbound traffic, except traffic which has been specifically assigned to another computer using the "Allow individual applications" feature, will automatically be directed to this computer. The DMZplus-enabled computer is less secure because all unassigned firewall ports are opened for that computer.

**Note:** Once DMZplus mode is selected and you click **DONE**, the system will issue a new IP address to the selected computer. The computer must be set to DHCP mode to receive the new IP address from the system, and you must reboot the computer. If you are changing DMZplus mode from one computer to another computer, you must reboot both computers.

**Settings**

**Profile Name**  
Enter a name for the application profile that you are creating.

**Application Name:**

---

**Definition**  
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.

**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:**  TCP  UDP

**Port (or Range):** From:  To:

**Protocol Timeout (seconds):**  TCP default = 86400  
UDP default = 600

**Map to Host Port:**  Default = the same port as defined above.

**Application Type:**

3. Now fill in the following:

**Application Name:** Viewtron

**Protocol:** TCP

**Port Range From:** 9000

**Port Range To:** 9000

**Protocol Timeout:** Leave Blank

**Map to Host Port:** 9000

4. Click the "**Back**" button.
5. Now you will need to select the device / computer you would like to apply the rule for **[Use the drop down to select the Viewtron DVR.**

## 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](#)

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

#### 1 Select a computer

Choose the computer that will host applications through the firewall

JOANNADELL

#### 2 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.

Applications:		Hosted Applications:
<input checked="" type="radio"/> All	ABC Torrent	ABC 1
<input type="radio"/> Games	Age of Empires	
<input type="radio"/> Audio/Video	Age of Kings	
<input type="radio"/> Messaging and Internet	Age of Wonders	
<input type="radio"/> Phone	Aliens vs Predator	
<input type="radio"/> Servers	Anarchy Online	
<input type="radio"/> Other	Asheron's Call	
<input type="radio"/> User-defined	Baldur's Gate	
<a href="#">Add a new user-defined application</a>	BattleCom	
<a href="#">Edit or delete user-defined application</a>	Battlefield Communicator	
	Bit Torrent 2	
	Black and White	
	Dark Reign	
	Dark Reign 2	
	Delta Force	

**ADD >** **< REMOVE**

Allow all applications (DMZplus mode) – Set the selected computer in DMZplus mode. All inbound traffic, except traffic which has been specifically assigned to another computer using the "Allow individual applications" feature, will automatically be directed to this computer. The DMZplus-enabled computer is less secure because all unassigned firewall ports are opened for that computer.

**Note:** Once DMZplus mode is selected and you click **DONE**, the system will issue a new IP address to the selected computer. The computer must be set to DHCP mode to receive the new IP address from the system, and you must reboot the computer. If you are changing DMZplus mode from one computer to another computer, you must reboot both computers.

**DONE**

6. Now in the "**Applications**" box locate the created rule. Highlight the rule and press the "**Add**" button. You should now see the rule in the "**Hosted Applications**" box.

7. Now press the "**Done**" button.

You are now finished.