

Guide to Port Forwarding - 2Wire Router

The port forwarding set up is reliant upon the specific brand and model number of the router being used. Port forwarding of a router is required to allow access to your network device. Regardless of the 2 Wire Router being used, the process of port forwarding is similar. You will need to enable the ports by locating the port range forwarding screen (Note: in many 2 wire systems, it is located in the firewall setting). The set up instruction outlined below is an example of port forwarding a 2 Wire Router using 2 Wire Model 1800G.

Step 1:

Open your web browser.

Enter the router IP address 192.168.1.254 in the address bar as shown below, followed by pressing

Enter.



Step 2

Once logged into your router click on the "Firewall" tab on the top right.



Step 3

Click on "Firewall Settings".

Once the page is loaded click on 'Add a new user-defined application'.

Summary **Firewall Settings** Advanced Settings [HOME](#) [Help](#) [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...

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

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.

All applications		Hosted Applications:
Age of Empires		
Age of Kings		
Age of Wonders		
Aliens vs Predator		
Anarchy Online		
Asheron's Call		
Baldur's Gate		
BattleCom		
Battlefield Communicator		
Black and White		

[Add a new user-defined application](#)

☐ **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

Step 4

For 'Application Name' give this entry a name e.g. Foscam Camera

For 'Protocol' Choose 'TCP'

For 'Port (or Range)' in 'From' & 'To' enter the ports to be forwarded.

Example: 8090 to 8090

For 'Protocol Timeout (seconds)' & 'Map to Host Port' & 'Application Type' you can leave these all at their default values.

Click 'Add Definition'

Repeat this step for all ports.

Once you have entered all the ports for this entry click 'Back'

Edit Application

Settings

Profile Name

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

Application Name:

VNC

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:

5900

To:

5900

Protocol Timeout
(seconds):

TCP default 86400

UDP default 600

Map to Host Port:

Default = the same port as defined above.

Application Type:

None (Default)



ADD DEFINITION

BACK

Step 5

For 'Select a computer' choose the Foscam Camera's IP address to forward the ports to.

Choose 'Allow individual applications'

Choose 'User-defined' from the drop down box

In the list on the left choose the entry you created "Foscam Camera" and then click 'Add'

Repeat this step for each entry you need to add.

Once you are all done click 'Done'

Edit Firewall Settings

Settings

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

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

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All applications

Ultima
Unreal Server
Unreal Tournament
Via Video
VNC
VoxPhone 3.0
Warbirds 2
Web Server
WebPhone 3.0
WinMux

ADD
REMOVE

Hosted Applications:

[Add a new user-defined application](#)


Step 6

Once you've done that, Foscam Camera should appear in the Hosted Applications

Click the Done button at the bottom right corner of the screen, and you should see the following screen:

View Firewall Summary

Firewall Settings

**Firewall Active**

The firewall actively blocks access of unwanted activity from the Internet. If you are using an application that requires you to open a port in your firewall, you may do so by clicking Firewall Settings above.

Current Settings: Custom

Device	Allowed Applications	Private IP address	Public IP address
bondktpc	VNC	Your Private IP Address	

[VIEW DETAILS](#)

Step 7

To view the camera over the internet enter you router external IP address which can be found by typing www.whatismyipaddress.com into your browser.

Enter this IP address 24.76.212.746: port for the camera (e.g. port 8090) 24.76.212.746:8090 is what should be typed into you browser.