Port Forwarding Setup
(N3G002W)
Port Forwarding

Port forwarding enables programs or devices running on your LAN to communicate with the internet as if they were directly connected.

This is most commonly used for VOIP ATA devices or online gaming (via game console or computer).

Port forwarding works by “forwarding” a specific TCP or UDP port from the modem / router to the computer or device you are using.

You can also restrict which incoming connections will have the rule applied to it. This enables you to specify all incoming connections, from a specific subnet or from an individual IP address.*

Different services and different games all use different TCP or UDP ports.
You will need to consult any information supplied with your service or game in order to find which ports need to be forwarded.

You can only forward a port to one location (IP address).
In some cases, this may cause issues when multiple LAN devices (computers, game consoles, or VOIP ATAs) attempt to use online gaming at the same time or make multiple VOIP service connections.
In these cases, you would need to use an alternate port for any subsequent connections after the first device.
Please consult your VOIP provider or game manufacturer for assistance with this.

* - If supported by your model of modem / router.
Adding a Port Forwarding Rule

This guide will take you through the steps required to add a port forwarding rule to your modem / router.

1. Navigate to http://192.168.123.354 in a web browser using "admin" as the system password to login to the router.

2. Select the “Advanced Setup” option from the menu at the top of the screen.

3. Select “Forwarding Rules” and then the “Virtual Server” option.

4. Enter the port number or port range for which you wish to create a port forwarding rule into the Service Ports field.

5. Enter the IP address for the device you wish to enter a port forwarding rule for into the Server IP field. This will be 192.168.123.x where x equals from 2 to 254, depending on the IP address assigned for the device.

6. Tick the Enable option to enable the port forwarding rule.

7. Press the Save button.
Please note: Some services require more than one port forwarded. You can do this by specifying a sequential range of ports instead of just one.

For example: 6881-6999.

To do this, you would enter "6881" in the "Port Start" fields and "6999" in the "Port End" fields for both the "External Packet" and "Forward to Internal Host" sections.

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