

If I change my Internet Service Provider or get a new modem how do I reconfigure my network for remote access?

In order to view our cameras remotely you will need to ensure that your modem is in bridge mode. Different system require different ports be forwarded in order for remote access to work, use the following as a guide:

Divis DVR: Ports 3000 - 3007, 8800, & 5900

ATOM8 DVR: Ports 1025 & 3002

The ports will need to be forwarded to the Internal IP address of the DVR (automatically assigned by the router using DHCP).

The screenshot shows the NETGEAR Router WNR1000v3 web interface. The main content area is titled "Ports - Custom Services" and contains a form for adding a new service. The form fields are:

- Service Name: DVR
- Service Type: TCP/UDP
- Starting Port: 3000 (range 1-65535)
- Ending Port: 3007 (range 1-65535)
- Server IP Address: 192.168.1.210

Below the form are "Apply" and "Cancel" buttons. A red box with white text is overlaid on the form, stating: **FORWARD PORTS TO IP ADDRESS OF DVR**.

The left sidebar contains a navigation menu with the following items:

- Setup Wizard
- Add WPS Client
- Setup
 - Basic Settings
 - Wireless Settings
 - Guest Network
 - Content Filtering
 - Logs
 - Block Sites
 - Block Services
 - Schedule
 - E-mail
- 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
 - QoS Setup
 - Dynamic DNS
 - Static Routes

The right sidebar is titled "Ports - Custom Services Help" and contains the following text:

To set up an application, game, or service:

1. Type the service name in the Service Name field.
2. Type the beginning port number in the External Starting Port field.
3. If the application uses only a single port, type the same port number in the External Ending Port field.
4. If the application uses a range of ports, type the ending port number of the range in the External Ending Port field.
5. The Use the same port range for Internal port check box is selected by default. If you want to use different internal port, you can clear the check box and type the number of the internal port to which you want to redirect traffic.
6. Type the IP address of the computer in the Internal IP Address field.
7. Click Apply.

To edit a service entry:

1. Modify the information in the Service Name, External Starting Port, External Ending Port, Internal Starting Port, Internal Ending Port and Internal IP Address fields.
2. Click Apply.

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Port Forwarding / Port Triggering

Please select the service type.

- Port Forwarding
- Port Triggering

Service Name: AM Server IP Address: 192.168.1.1 Add

#	Service Name	Start Port	End Port	Server IP Address
1	DVR2	1025	1025	192.168.1.210
2	DVR3	5100	5100	192.168.1.210
3	DVR4	5900	5900	192.168.1.210
4	DVR5	8800	8800	192.168.1.210
5	DVR1	3000	3007	192.168.1.210

Edit Service Delete Service
Add Custom Service

DIVIS: 3000-3007, 5900, & 8800
ATOMS: 1025 & 3002
DVRLABSUSA: 5100 & 3002

Port Forwarding / Port Triggering Help

Port triggering is an advanced feature that you can use for gaming and other Internet applications. Port forwarding can typically be used to enable similar functionality, but it is static and has some limitations.

Port triggering opens an incoming port temporarily and does not require the server on the Internet to track your IP address if it is changed by DHCP, for example.

Port triggering monitors outbound traffic. When the router detects traffic on the specified outbound port, it remembers the IP address of the computer that sent the data and triggers the incoming port. Incoming traffic on the triggered port is then forwarded to the triggering computer.

Using the Port Forwarding / Port Triggering screen, you can make local computers or servers available to the Internet for different services (for example, FTP or HTTP), to play Internet games (like Quake III), or to use Internet applications (like CU-SeeMe).

Port forwarding is designed for FTP, Web server, or other server-based services. Once port forwarding is set up, requests from the Internet are forwarded to the proper server.

Port triggering allows requests from the Internet only after a designated port is triggered. Port triggering applies to chat and Internet games.

Port Forwarding

For the services, applications, or games that already exist in the drop-down list, you need to specify only the computer's IP address. Otherwise, you should specify the port number and computer's IP address for each service, game, or application by clicking the Add Custom Service button.

Port Assignment

You can make up to 20 different port assignments for Internet services, applications, or games. In the Service Name list, you can select a service, an application, or a game. If you do not see an item that you want to use in any of the lists, check with the software or game developer for the correct port numbers to use.