

Edimax 3G router programming



Click on the Advanced Tab

<input type="radio"/>	QoS	Quality of Service (QoS) refers to the capability of a network to provide better service to selected network traffic. The primary goal of QoS is to provide priority including dedicated bandwidth, controlled jitter and latency (required by some real-time and interactive traffic), and improved loss characteristics. Also important is making sure that providing priority for one or more flows does not make other flows fail.
<input checked="" type="radio"/>	NAT	Network Address Translation (NAT) allows multiple users at your local site to access the Internet through a single Public IP Address or multiple Public IP Addresses. NAT provides Firewall protection from hacker attacks and has the flexibility to allow you to map Private IP Addresses to Public IP Addresses for key services such as the Web or FTP.
<input type="radio"/>	Firewall	The Broadband router provides extensive firewall protection by restricting connection parameters, thus limiting the risk of hacker attack, and defending against a wide array of common attacks. However, for applications that require unrestricted access to the Internet, you can configure a specific client/server as a Demilitarized Zone (DMZ).
<input type="radio"/>	DDNS	DDNS allows users to map the static domain name to a dynamic IP address. You must get a account, password and your static domain name from the DDNS service providers. Our products have DDNS support for www.dyndns.org and www.tzo.com now.
<input type="radio"/>	Port Forwarding	Entries in this table allow you to automatically redirect common network services to a specific machine behind the NAT firewall. These settings are only necessary if you wish to host some sort of server like a web server or mail server on the private local network behind your Gateway's NAT firewall.
<input type="radio"/>	DMZ(Demilitarized Zone)	If you have a local client PC that cannot run an Internet application properly from behind the NAT firewall, then you can open the client up to unrestricted two-way Internet access by defining a Virtual DMZ Host.
<input type="radio"/>	Fail Over	Configure the priority of existing WAN connections and the rule for WAN fail over.

Then NAT

Enable

IP Address	Computer name	TCP Port to Open	UDP Port to Open	Comment
192.168.1.108	< -----Select----- >			
Popular Applications		Select Game	<input type="button" value="Add"/>	

Current Trigger-Port Table

NO.	Computer name	IP Address	TCP Port to Open	UDP Port to Open	Comment	Select
1	OFFLINE	192.168.1.108	37777	37778		<input type="checkbox"/>

IP address is address of DVR, probably 192.168.1.10, see manual of DVR

You need to set up these ports for NAT:

- 80 (TCP) Web Interface/HTTP
- 34567 (TCP) Rich content / main video stream
- 34599 (TCP) mobile/extra stream

Then Go into Port Forwarding:

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Virtual Server You can configure the Broadband router as a Virtual Server so that remote users accessing services such as the Web or FTP at your local site via Public IP Addresses can be automatically redirected to local servers configured with Private IP Addresses. In other words, depending on the requested service (TCP/UDP) port number, the Broadband router redirects the external service request to the appropriate internal server (located at one of your LAN's Private IP Address).

Special Applications Some applications require multiple connections, such as Internet gaming, video conferencing, Internet telephony and others. These applications cannot work when Network Address Translation (NAT) is enabled. If you need to run applications that require multiple connections, specify the port normally associated with an application in the "Trigger Port" field, select the protocol type as TCP or UDP, then enter the public ports associated with the trigger port to open them for inbound traffic. Note: The range of the Trigger Port is 1 to 65535.

UPnP Setting UPnP is more than just a simple extension of the Plug and Play peripheral model. It is designed to support zero-configuration, "invisible" networking, and automatic discovery for a breadth of device categories from a wide range of vendors. With UPnP, a device can dynamically join a network, obtain an IP address, convey its capabilities, and learn about the presence and capabilities of other devices—all automatically; truly enabling zero configuration networks. Devices can subsequently communicate with each other directly; thereby further enabling peer to peer networking.

ALG Settings Below are applications that need router's special support to make them work under the NAT. You can select applications that you are using.

Static Routing You can enable Static Routing to turn off NAT function of this router and let this router forward packets by your routing policy.

Special Applications

Enable Port Forwarding

Private IP	Computer name	Type	Port Range	Comment
<input type="text"/>	<-----Select----->	Both	<input type="text"/> - <input type="text"/>	<input type="text"/>

Current Port Forwarding Table:

NO.	Computer name	Private IP	Type	Port Range	Comment	Select
1	OFFLINE	192.168.1.108	TCP+UDP	37777-37778	Cams	<input type="checkbox"/>

Add in the 3 Ports one by one:

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- 34567 (TCP) Rich content / main video stream
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Then setup a free DDNS account with www.dyndns.org or www.tzo.com, see manual

Enter DDNS settings

Dynamic DNS :	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Provider :	DynDNS <input type="button" value="v"/>
Domain Name :	CameraInShed
Account / E-Mail :	*****
Password / Key :	●●●●●●●●

Add a new user in the Discovery app on your phone

Name it anything you want

IP address is the dyndns.org address that they send you when setting up your account