

DI-804 firmware v2.02 RC5

D-Link **Cable/DSL Residential Gateway** **DI-804**

Unit Status
The information at right outlines the current settings and status of your DI-804.

To actually change settings you will need to go to the appropriate pages under Basic Setup or Advanced Features. If you contact D-Link Technical Support, this information is useful in diagnosing any misconfiguration.

Unit Status

Firmware Version	: v2.02rc5
Internet	
Current IP	: ---
Current IP Mask	: 255.255.255.0
Current Gateway	: ---
Current DNS1	: 194.51.83.1
Current DNS2	: 194.98.0.1
Local	
Current IP	: 192.168.0.1
Current Subnet Mask	: 255.255.255.0
PPPoE Status	: Disable
DMZ Client	: Disable
Current Open/Redirected Ports	: More
Active Filter/Firewall Rules:	: More

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Internet



Basic Setup:



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Basic Setup - Internet Settings

It is highly recommended that you use the Setup Wizard for a first time installation. Otherwise if the Setup Wizard does not successfully configure your DI-804, fill in the appropriate fields at right that describe your Internet connection.

MAC Address
Some Cable providers require your MAC address to ensure authentication. If all other settings are verified as correct and you still cannot access the Internet contact your Cable company and inform them of the MAC address listed at the right.

For additional settings information we recommend that you read the manual.

To customize local configuration settings press the Next button at the bottom of the page to the right.

Basic Setup - Internet Settings

Computer Name

Domain Name

☒ **Dynamic IP**

☒ Default MAC Address

☐ Specify a MAC Address

MAC Address:

: : : : :

☐ BPA Login

User Name

Password

Login Server: sm-server. .bigpond.net.au

☐ **Static IP**

IP Address . . .

Subnet Mask . . .

Gateway . . .

☐ **PPPoE**

☒ **PPTP**

User Name

Password

Scheduler : : :

☐ Always On

Idle Timeout seconds

Following settings are only for PPTP mode

PPTP Server

WAN IP Settings

Internet

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Subnet Mask

Gateway

☐ PPPoE ☐ PPTP

User Name

Password

Scheduler

☐ Always On

Idle Timeout seconds

Following settings are only for PPTP mode

PPTP Server

WAN IP Settings

☒ Obtain an IP address automatically

☐ Specify an IP address

WAN IP

Subnet Mask

☒ Dynamic DNS

☐ Static DNS

DNS 1

DNS 2

RIP Protocol Control ☐ Enable RIP

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Basic Setup - Local Network Settings

It is highly recommended that you use the Setup Wizard for a first time installation.

By default the DI-804 acts as a DHCP server. With this feature enable, local machine need only be set to "Obtain IP Address Automatically". If you prefer to use another DHCP already resident on your LAN, you can adjust the settings at right to configure the DI-804 for use on your network.

For additional settings information we recommend that you read the manual.

Basic Setup - Local Network Settings

LAN MAC Address : 00-05-5D-EF-E1-9A

DHCP Setup

☒ Enable Server ☐ Disable Server ☐ Relay Agent

Starting IP Address 192.168.0.100

Number of IP Addresses 100

Gateway IP Address 192.168.0.1

DHCP Server IP Address for Relay Agent

For NAT Usage

1st IP Address 192.168.0.1

1st Subnet Mask 255.255.255.0

For IP Routing Usage

☐ Enable ☒ Disable

2nd IP Address 192.168.2.1

2nd Subnet Mask 255.255.255.0

RIP Protocol Control Disable

Cancel Next Finish

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Open Ports - Configuration

Index No. 1

☐ Enable Open Ports

Comment

Local Computer

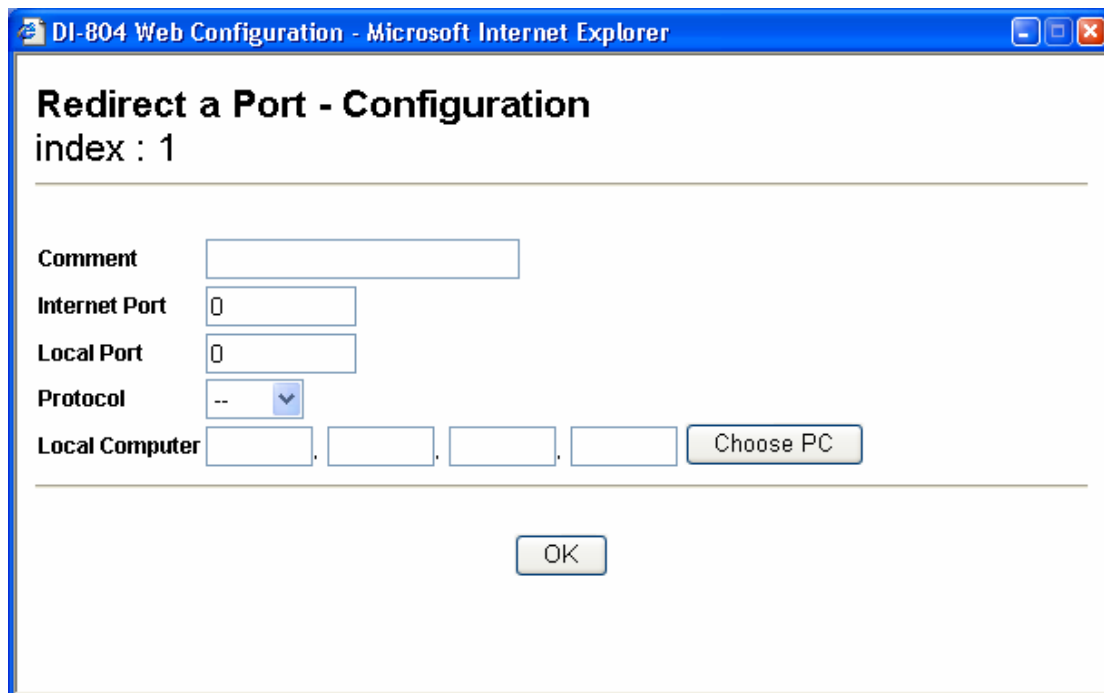
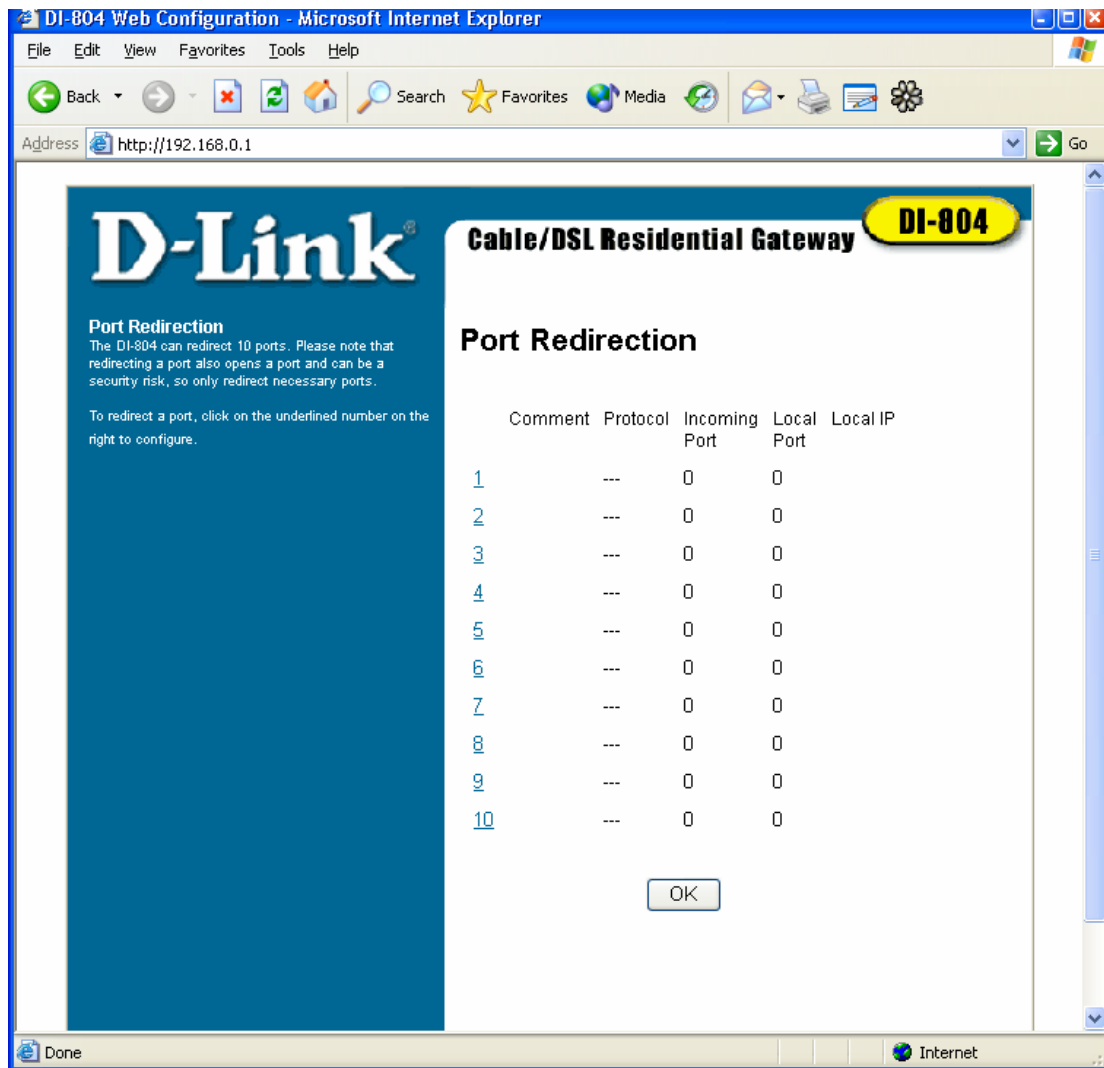
Choose PC

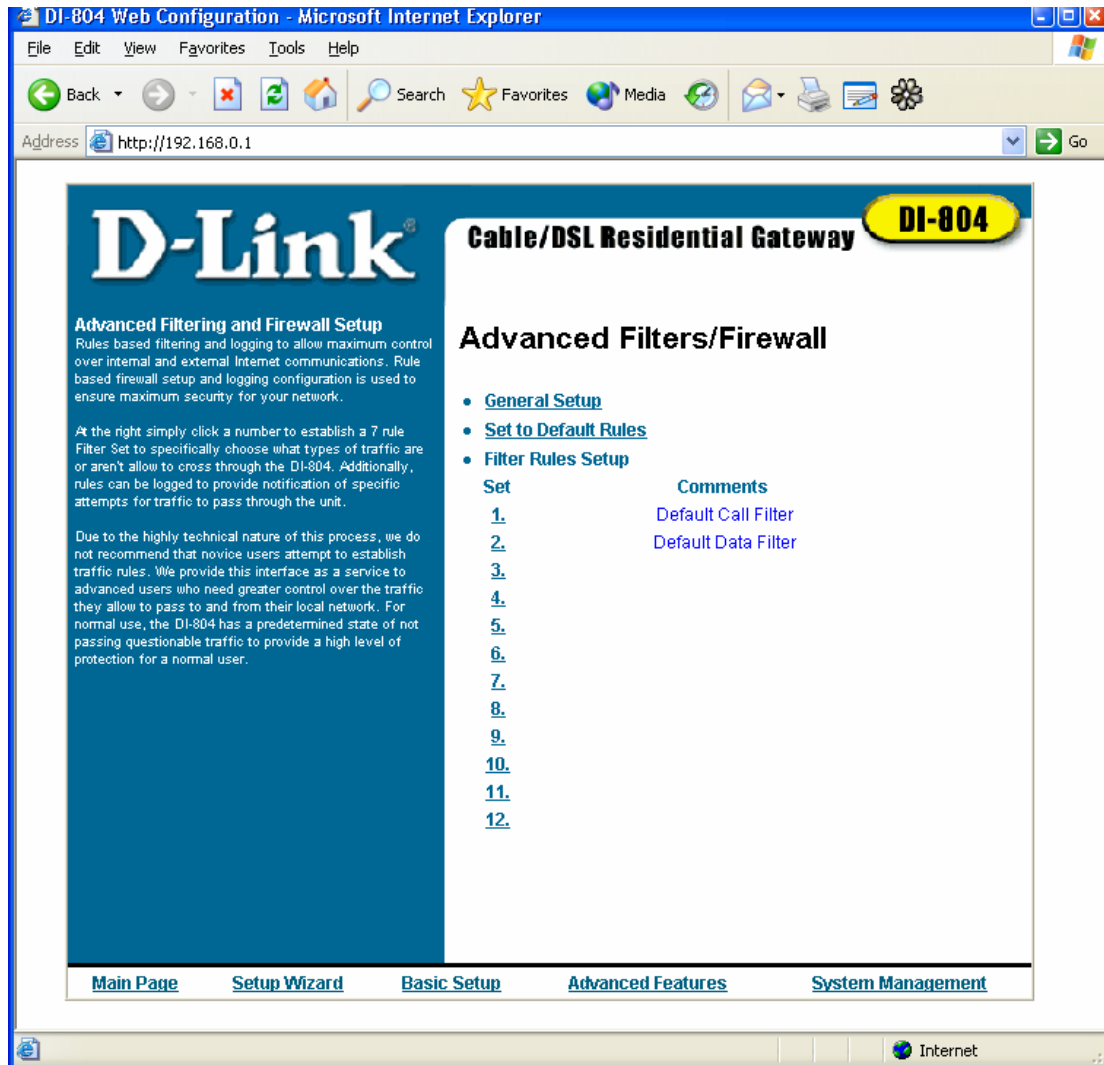
	Protocol	Start Port	End Port		Protocol	Start Port	End Port
1.				6.			
2.				7.			
3.				8.			
4.				9.			
5.				10.			

Cancel

Clear

OK





General Setup:

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General Setup

Call Filter ☒ Enable ☐ Disable Start Filter Set Set#1

Data Filter ☒ Enable ☐ Disable Start Filter Set Set#2

Log Flag None

MAC Address for Packet Duplication 0x000000000000

OK

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Advanced Filtering and Firewall Setup - Set Configuration

Rules based filtering and logging to allow maximum control over internal and external Internet communications. Rule based firewall setup and logging configuration is used to ensure maximum security for your network.

At the right simply click a number to establish a 7 rule Filter Set to specifically choose what types of traffic that are allowed to cross through the DI-804. Additionally, rules can be logged to provide notification of specific attempts for traffic to pass through the unit.

Due to the highly technical nature of this process, we do not recommend that novice users attempt to establish traffic rules. We provide this interface as a service to advanced users who need greater control over the traffic they allow to pass to and from their local network. For normal use, the DI-804 has a predetermined state of not passing questionable traffic to provide a high level of protection for a normal user.

Advanced Filters/Firewall

Filter Set 1

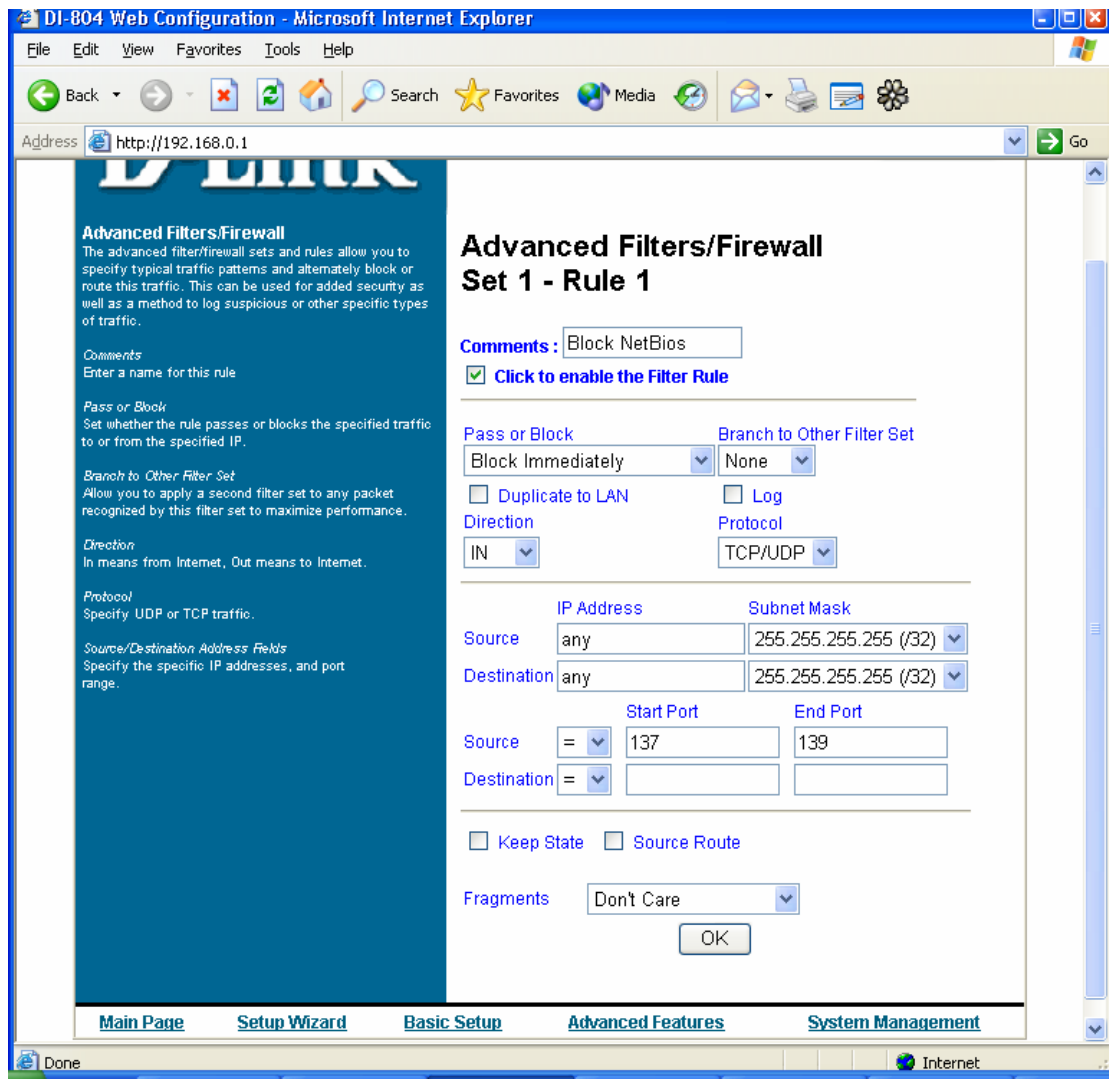
Comments: Default Call Filter

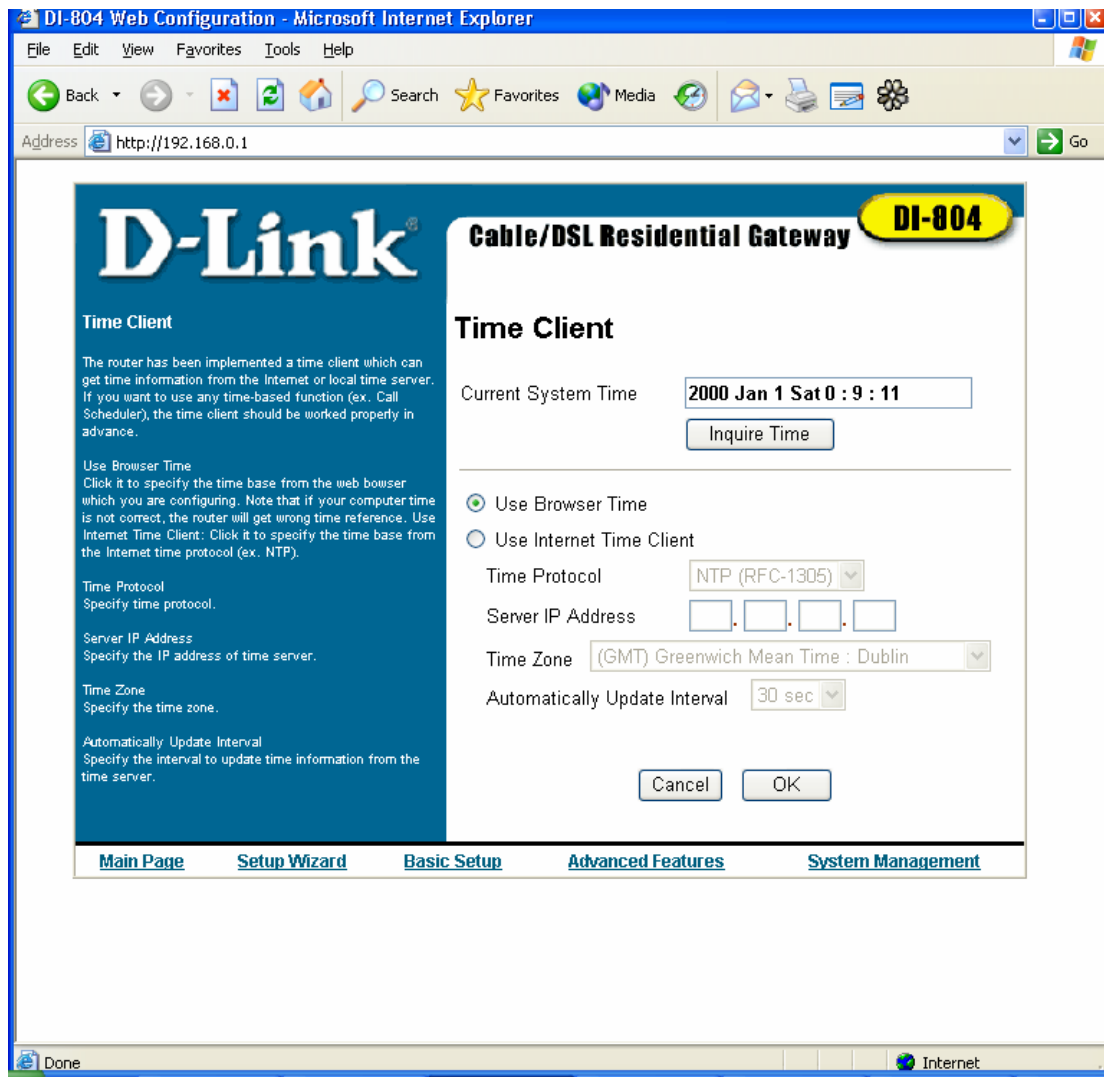
Filter Rule	Comments
1	Block NetBios
2	
3	
4	
5	
6	
7	

Next Filter Set None

OK

Done Internet





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Call Scheduler

Call Scheduler will control the router's dialer or connection manager what time should be up or down by these call schedule profiles. Before configuring the Call Scheduler function, you have to set up time function properly, and arrange schedules for specified Internet access profile. Because it have to work with router's time.

The router supports total 15 profiles for call schedule usage. Click any of index links to configure the schedule in detail.

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Call Scheduler

Index	Status	Index	Status
1.	x	9.	x
2.	x	10.	x
3.	x	11.	x
4.	x	12.	x
5.	x	13.	x
6.	x	14.	x
7.	x	15.	x
8.	x		

Cancel

Clear All

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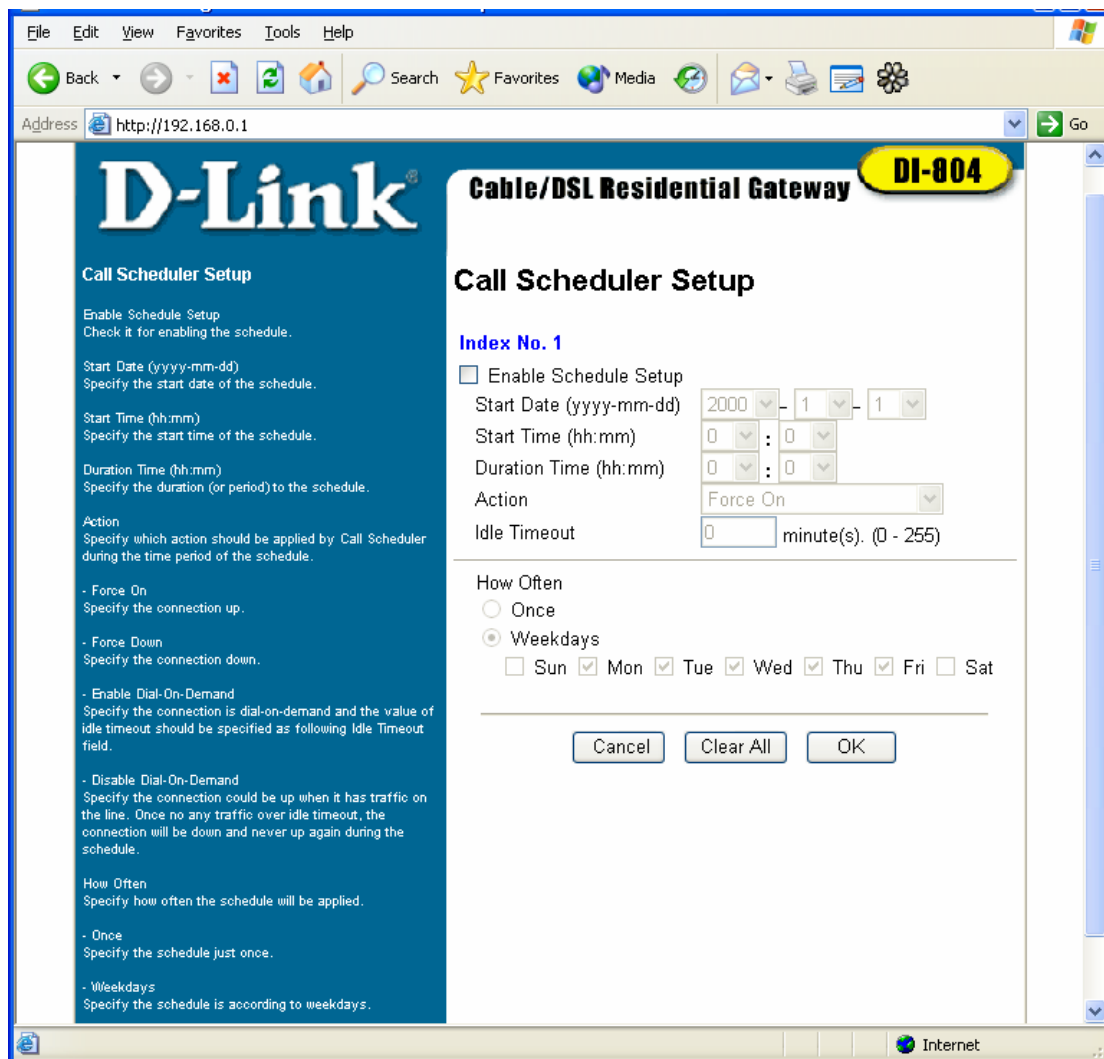
[Setup Wizard](#)

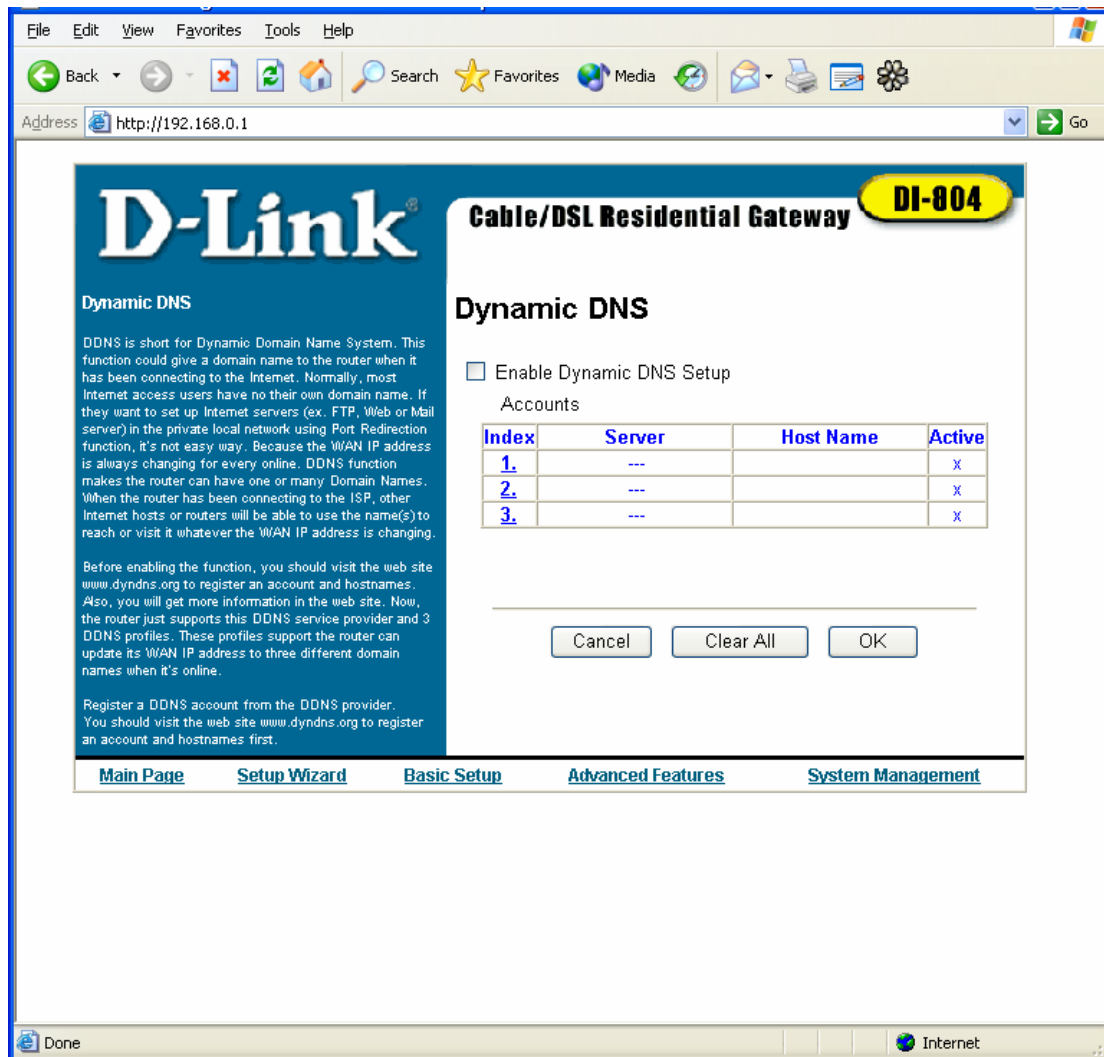
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Advanced Features - Static Route

DI-804 has a built-in RIP (Routing Information Protocol) by default. You can enable/disable the protocol for each interface under the configuration links: "Basic Setup > Internet Settings" and "Basic Setup > Local Network Settings". If the neighbor routers have the same protocol, the RIP will be used for exchanging routing information. Here, the Static Route Setup just provides a way to guide specified IP packets through specified neighbor routers statically. You could click index number to configure the static routes.

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Static Route

Index	Destination Address	Status
1.	???	?
2.	???	?
3.	???	?
4.	???	?
5.	???	?
6.	???	?
7.	???	?
8.	???	?
9.	???	?
10.	???	?

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Index No. 1

Status/Action:

Empty/Clear

Destination IP Address:

Empty/Clear

Subnet Mask:

Active/Add

Gateway IP Address:

Inactive/Disable

Network Interface:

LAN

OK

DI-804 Web Configuration - Microsoft Internet Explorer

Index No. 1

Status/Action:	Empty/Clear
Destination IP Address:	???
Subnet Mask:	
Gateway IP Address:	
Network Interface:	LAN
	LAN
	WAN
	OK

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System Management

Passwords
Set or change password.

Local/Remote Configuration
Enable or disable remote configuration.

Unit Status
Displays current unit settings including firmware version and Internet settings.

Logs
Access and display the various system logs.

Diagnostics
Built in diagnostics to help troubleshoot any connection problems.

Reboot
Click to restart the router.

Restore Default Settings
Click to restore the router to default settings.

SNMP Setup
The Simple Network Management Protocol (SNMP) is an application layer protocol that communicates message between manager and agent. You can use third-party manager (SNMP utility) to manage the router.

Configuration Backup
Click to save the settings of this device to a file.

Configuration Restore
Click to restore the setting file to this device.

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System Management

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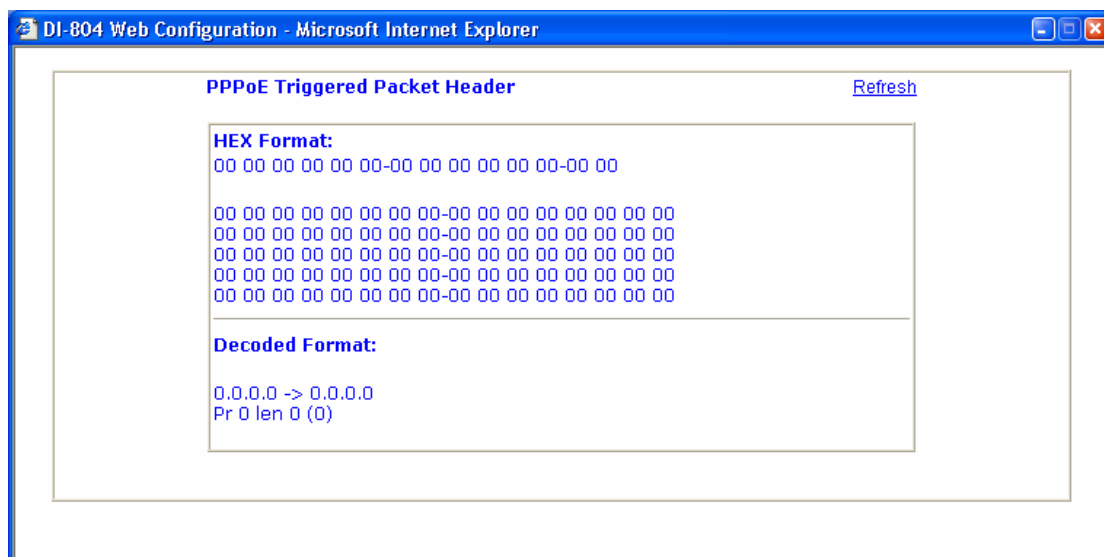
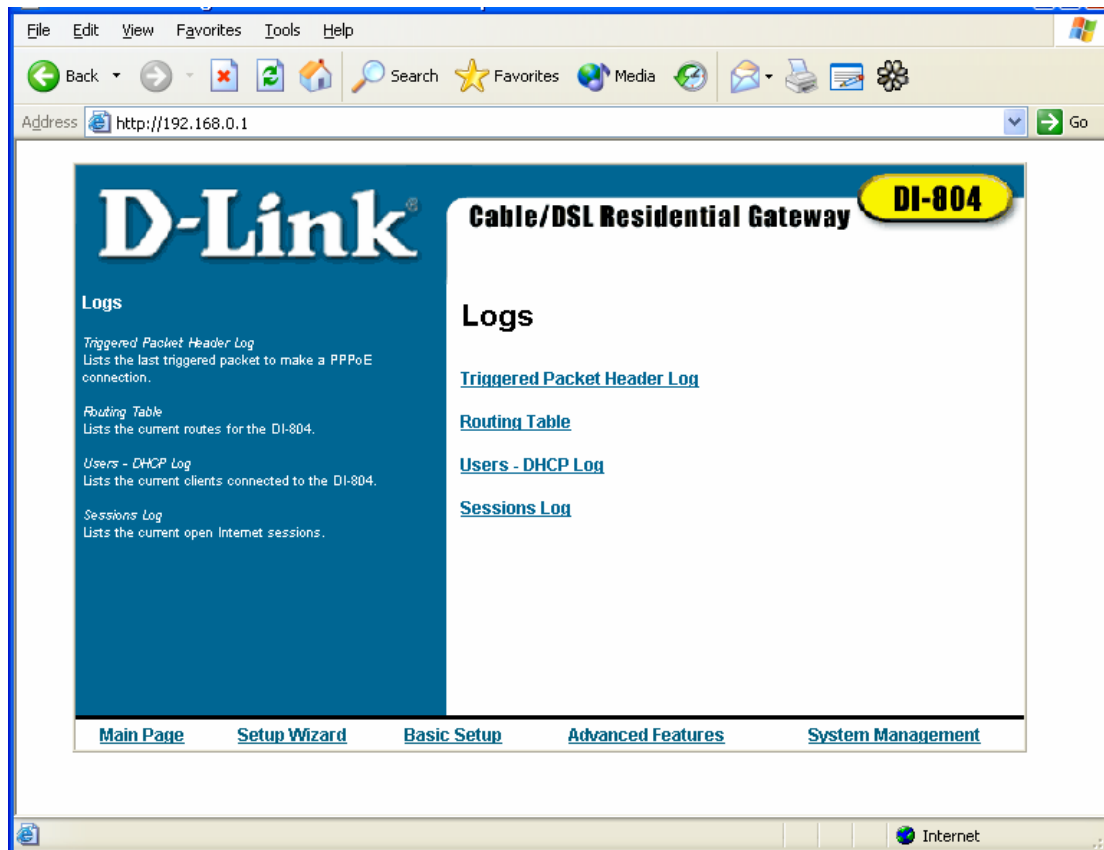
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Current Running Routing Table [Refresh](#)

Key: C - connected, S - static, R - RIP, * - default, ~ - private

C~ 192.168.0.0/ 255.255.255.0 is directly connected, IFO

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IP Assignment Table by DHCP Server [Refresh](#)

DHCP server: Running

Index	IP Address	MAC Address	Leased Time	HOST ID
1	192.168.0.1	00-05-5D-EF-E1-9A	FIXED IP	

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NAT Active Sessions Table [Refresh](#)

Private IP :Port	#Pseudo Port	Peer IP :Port	Ifno	Status
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DIAGNOSTICS:

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LAN Status			
	IP Address	TX Packets	RX Packets
	192.168.0.1	10952	11648

WAN Status						
	IP Address	GW IP Addr	TX Packets	TX Rate	RX Packets	RX Rate
Mode	---	---	0	0	0	0
			Up Time	00:00:00		

>> [Dial PPPoE/PPTP](#) >> [Drop PPPoE/PPTP](#)

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SNMP Setup

The Simple Network Management Protocol (SNMP) is an application layer protocol that communicates message between manager and agent. You can use third-party manager (SNMP utility) to manage the router.

☐ Enable SNMP Agent

Get Community

Manager Host IP

SNMP Setup

☐ Enable SNMP Agent

Get Community

Manager Host IP

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Done Internet