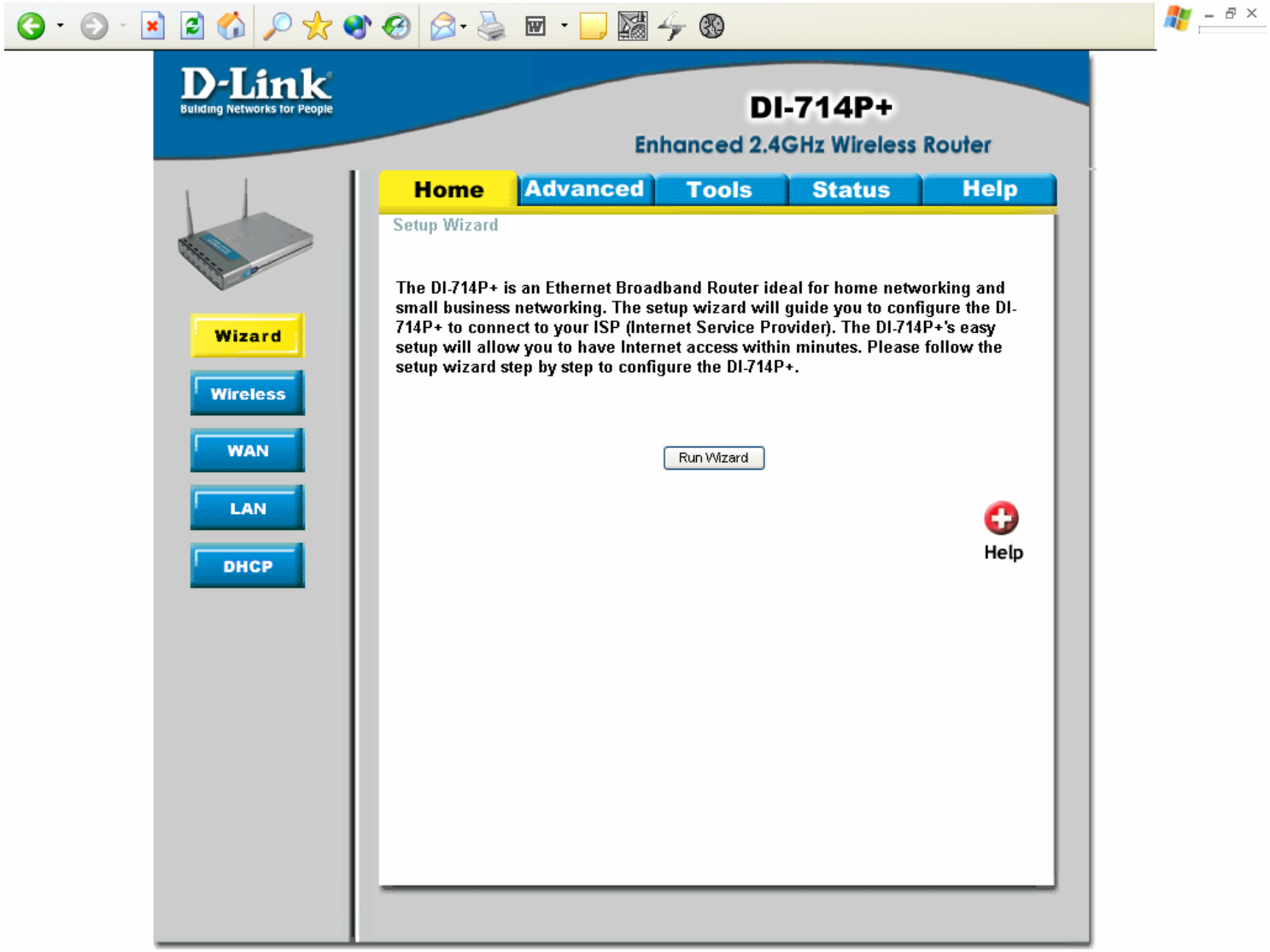
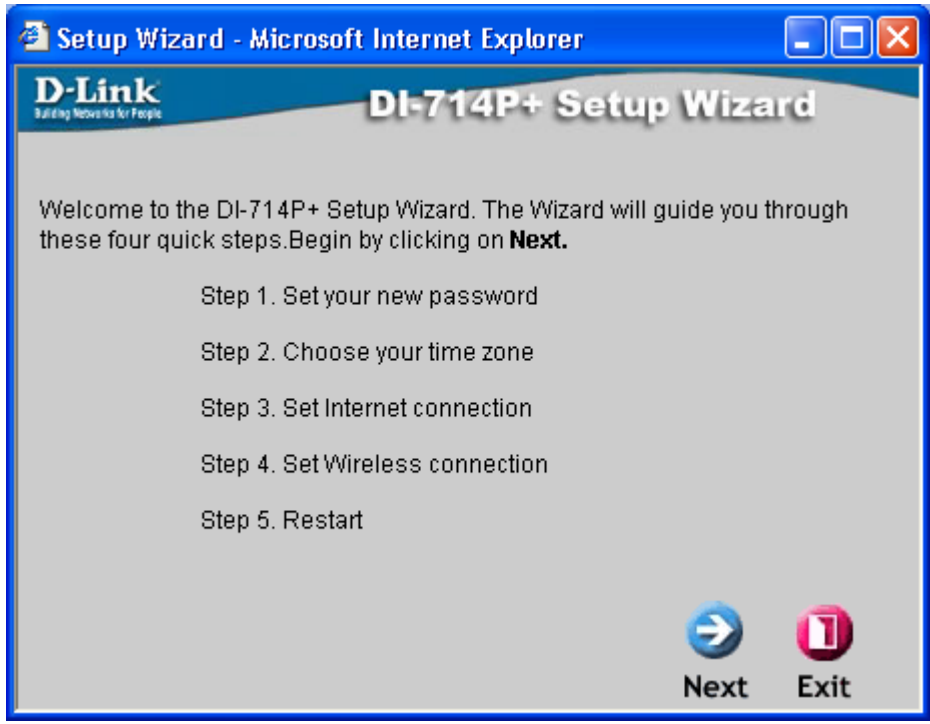
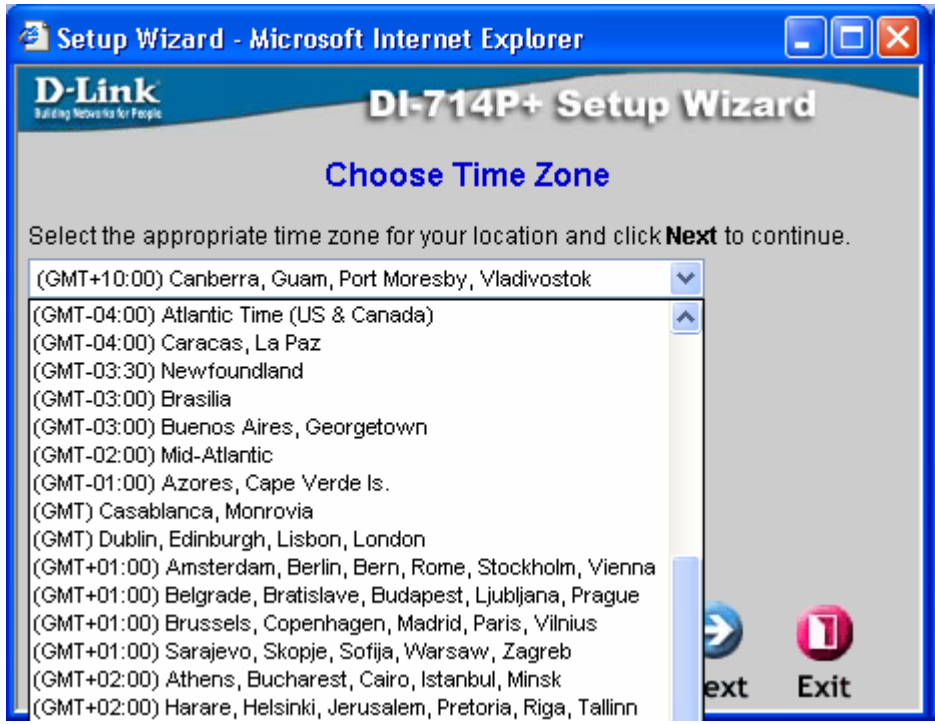
DI-714+ Screenshots

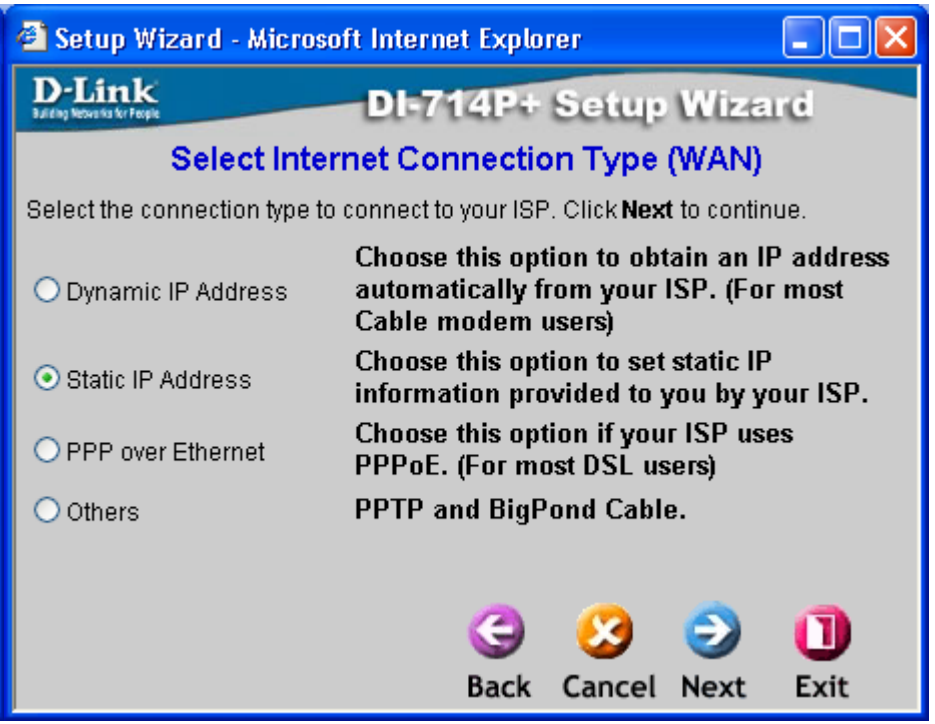
Firmware: 1.10

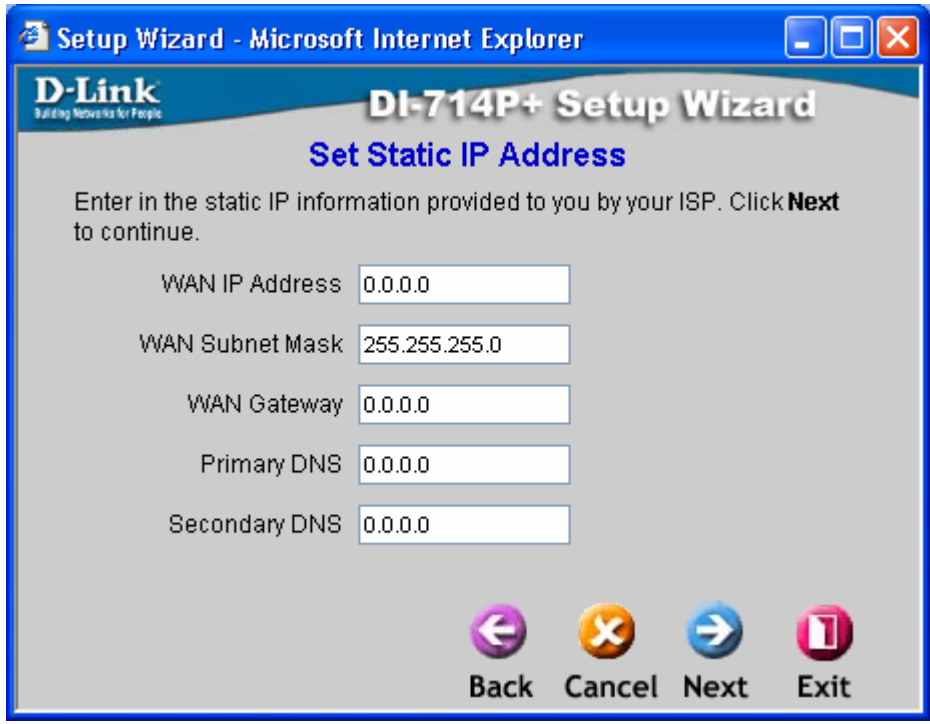


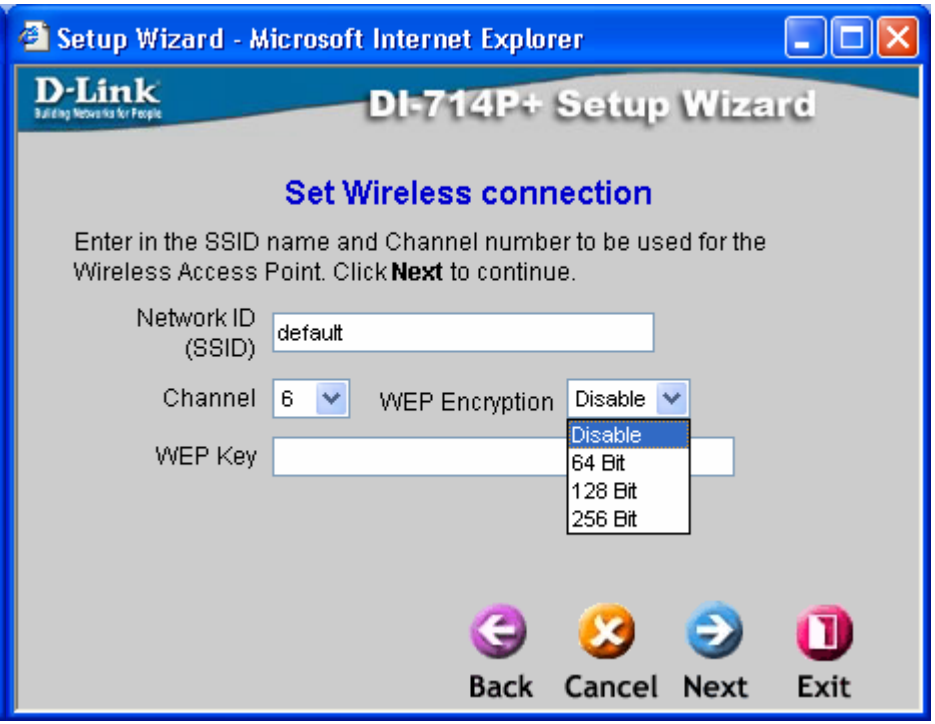

Setup Wizard - Microsoft Internet Explorer
D-Link
DI-714P+ Setup Wizard
Welcome to the DI-714P+ Setup Wizard. The Wizard will guide you through these four quick steps.Begin by clicking on Next.
Step 1. Set your new password
Step 2. Choose your time zone
Step 3. Set Internet connection
Step 4. Set Wireless connection
Step 5. Restart
Next
Exit

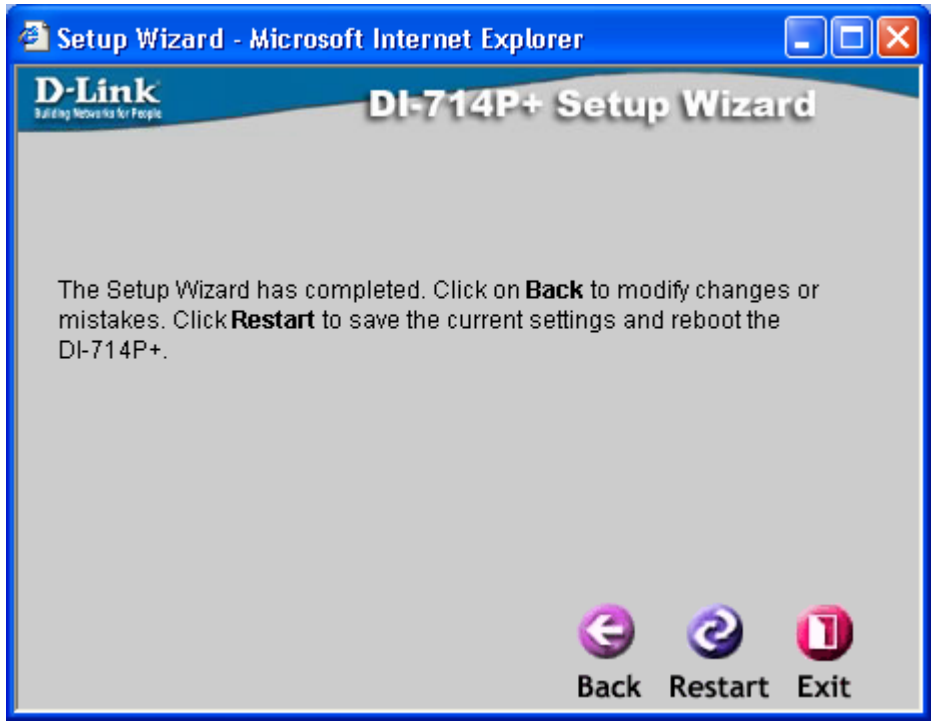
Setup Wizard - Microsoft Internet Explorer
D-Link
DI-714P+ Setup Wizard
Set Password
You may change the admin account password by entering in a new password. Click Next to continue.
Old Password
New Password
Reconfirm
Back
Cancel
Next
Exit


Setup Wizard - Microsoft Internet Explorer
D-Link
DI-714P+ Setup Wizard
Choose Time Zone
Select the appropriate time zone for your location and click Next to continue.
(GMT+10:00) Canberra, Guam, Port Moresby, Vladivostok
(GMT-04:00) Atlantic Time (US & Canada)
(GMT-04:00) Caracas, La Paz
(GMT-03:30) Newfoundland
(GMT-03:00) Brasilia
(GMT-03:00) Buenos Aires, Georgetown
(GMT-02:00) Mid-Atlantic
(GMT-01:00) Azores, Cape Verde Is.
(GMT) Casablanca, Monrovia
(GMT) Dublin, Edinburgh, Lisbon, London
(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna
(GMT+01:00) Belgrade, Bratislave, Budapest, Ljubljana, Prague
(GMT+01:00) Brussels, Copenhagen, Madrid, Paris, Vilnius
(GMT+01:00) Sarajevo, Skopje, Sofija, Warsaw, Zagreb
(GMT+02:00) Athens, Bucharest, Cairo, Istanbul, Minsk
(GMT+02:00) Harare, Helsinki, Jerusalem, Pretoria, Riga, Tallinn
ext
Exit

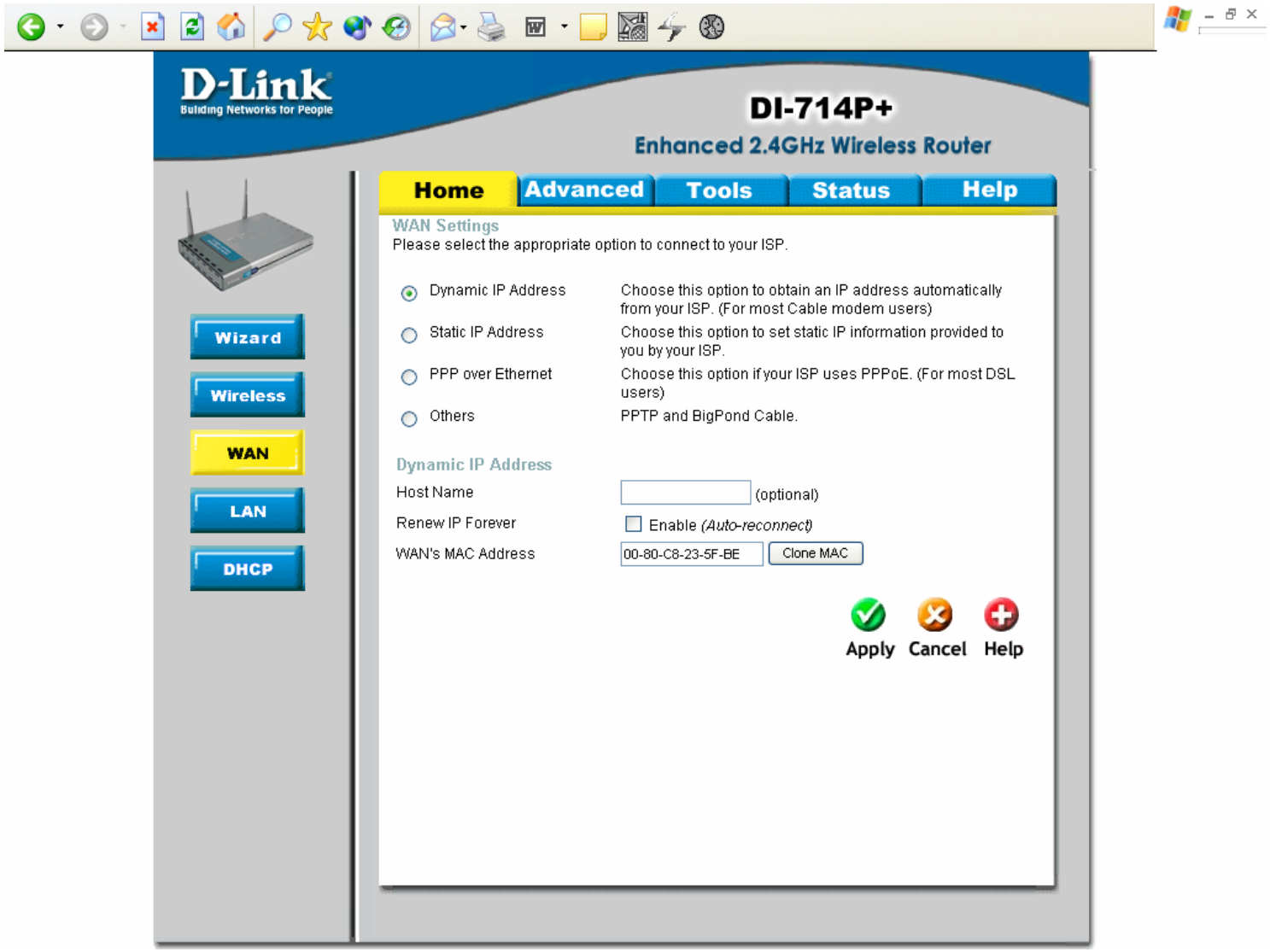

Setup Wizard - Microsoft Internet Explorer
D-Link
DI-714P+ Setup Wizard
Select Internet Connection Type (WAN)
Select the connection type to connect to your ISP. Click Next to continue.
Dynamic IP Address
Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)
Static IP Address
Choose this option to set static IP information provided to you by your ISP.
PPP over Ethernet
Choose this option if your ISP uses PPPoE. (For most DSL users)
Others
PPTP and BigPond Cable.
Back
Cancel
Next
Exit


Setup Wizard - Microsoft Internet Explorer
D-Link
DI-714P+ Setup Wizard
Set Static IP Address
Enter in the static IP information provided to you by your ISP. Click Next to continue.
WAN IP Address 0.0.0.0
WAN Subnet Mask 255.255.255.0
WAN Gateway 0.0.0.0
Primary DNS 0.0.0.0
Secondary DNS 0.0.0.0
Back
Cancel
Next
Exit


Setup Wizard - Microsoft Internet Explorer
D-Link
DI-714P+ Setup Wizard
Set Wireless connection
Enter in the SSID name and Channel number to be used for the Wireless Access Point. Click Next to continue.
Network ID (SSID) default
Channel 6
WEP Encryption Disable
Disable
64 Bit
128 Bit
256 Bit
WEP Key
Back
Cancel
Next
Exit


Setup Wizard - Microsoft Internet Explorer
D-Link
DI-714P+ Setup Wizard
The Setup Wizard has completed. Click on Back to modify changes or mistakes. Click Restart to save the current settings and reboot the DI-714P+.
Back
Restart
Exit

D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
Home
Advanced
Tools
Status
Help
Wizard
Wireless
WAN
LAN
DHCP
Wireless Settings
These are the wireless settings for the AP(Access Point) portion.
Network ID(SSID)
default
Channel
6
WEP
Enabled
Disabled
WEP Encryption
64 Bit
WEP Key 1
Key 2
Key 3
Key 4
Apply
Cancel
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
Home
Advanced
Tools
Status
Help
Wizard
Wireless
WAN
LAN
DHCP
WAN Settings
Please select the appropriate option to connect to your ISP.
Dynamic IP Address
Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)
Static IP Address
Choose this option to set static IP information provided to you by your ISP.
PPP over Ethernet
Choose this option if your ISP uses PPPoE. (For most DSL users)
Others
PPTP and BigPond Cable.
Dynamic IP Address
Host Name
(optional)
Renew IP Forever
Enable (Auto-reconnect)
WAN's MAC Address
00-80-C8-23-5F-BE
Clone MAC
Apply
Cancel
Help

D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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Wizard
Wireless
WAN
LAN
DHCP
WAN Settings
Please select the appropriate option to connect to your ISP.
Dynamic IP Address
Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)
Static IP Address
Choose this option to set static IP information provided to you by your ISP.
PPP over Ethernet
Choose this option if your ISP uses PPPoE. (For most DSL users)
Others
PPTP and BigPond Cable.
Static IP Address
WAN IP Address
0.0.0.0
WAN Subnet Mask
255.255.255.0
WAN Gateway
0.0.0.0
Primary DNS
0.0.0.0
Secondary DNS
0.0.0.0
Apply
Cancel
Help

D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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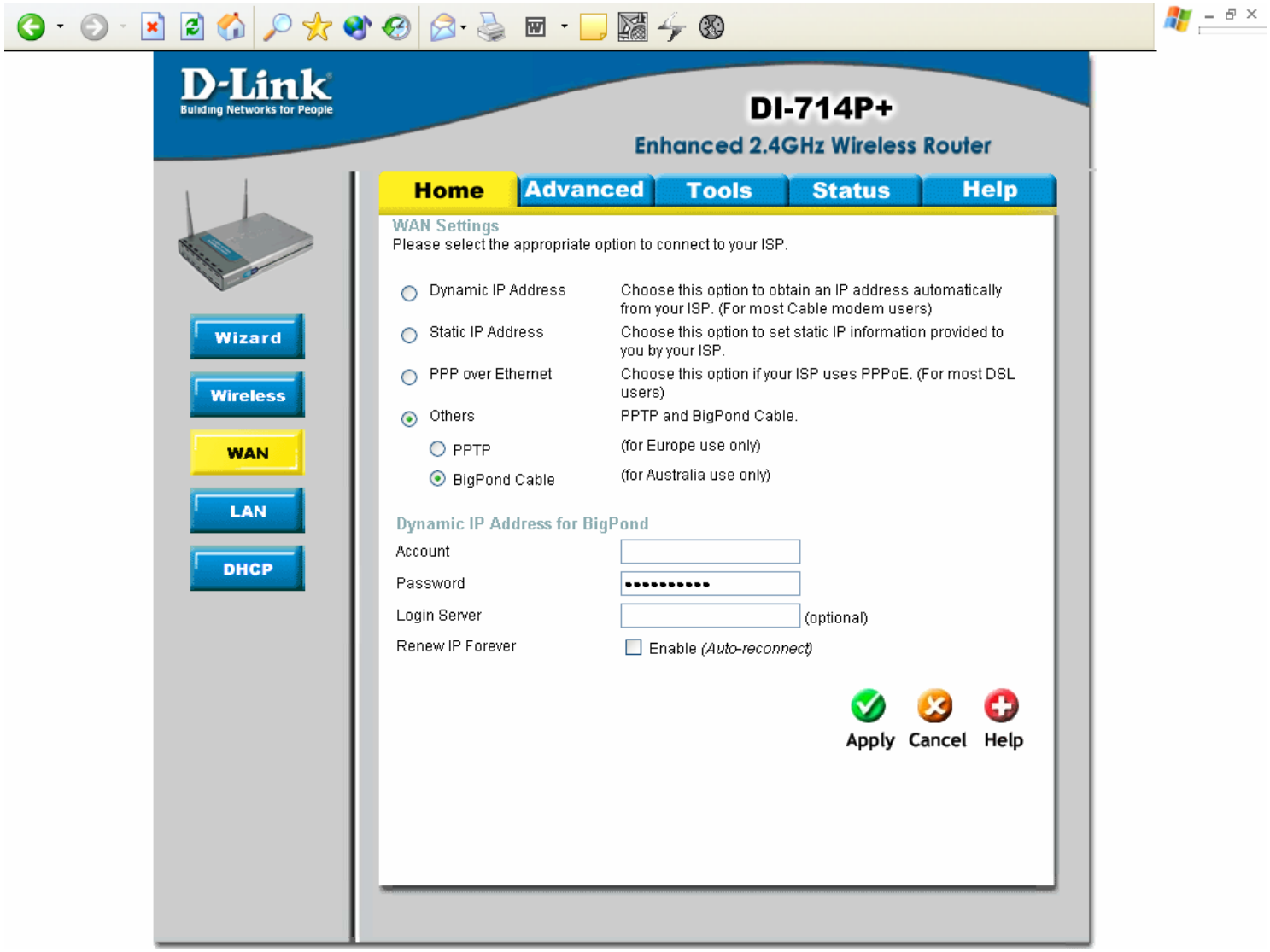
Wizard
Wireless
WAN
LAN
DHCP
WAN Settings
Please select the appropriate option to connect to your ISP.
Dynamic IP Address
Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)
Static IP Address
Choose this option to set static IP information provided to you by your ISP.
PPP over Ethernet
Choose this option if your ISP uses PPPoE. (For most DSL users)
Others
PPTP and BigPond Cable.
PPP over Ethernet
PPPoE Account
PPPoE Password
Primary DNS
0.0.0.0
Secondary DNS
0.0.0.0
Maximum Idle Time
0
seconds
Auto-reconnect
PPPoE Service Name
(optional)
Assigned IP Address
0.0.0.0
(optional)
MTU
1492
(range:1000~1492)
Apply
Cancel
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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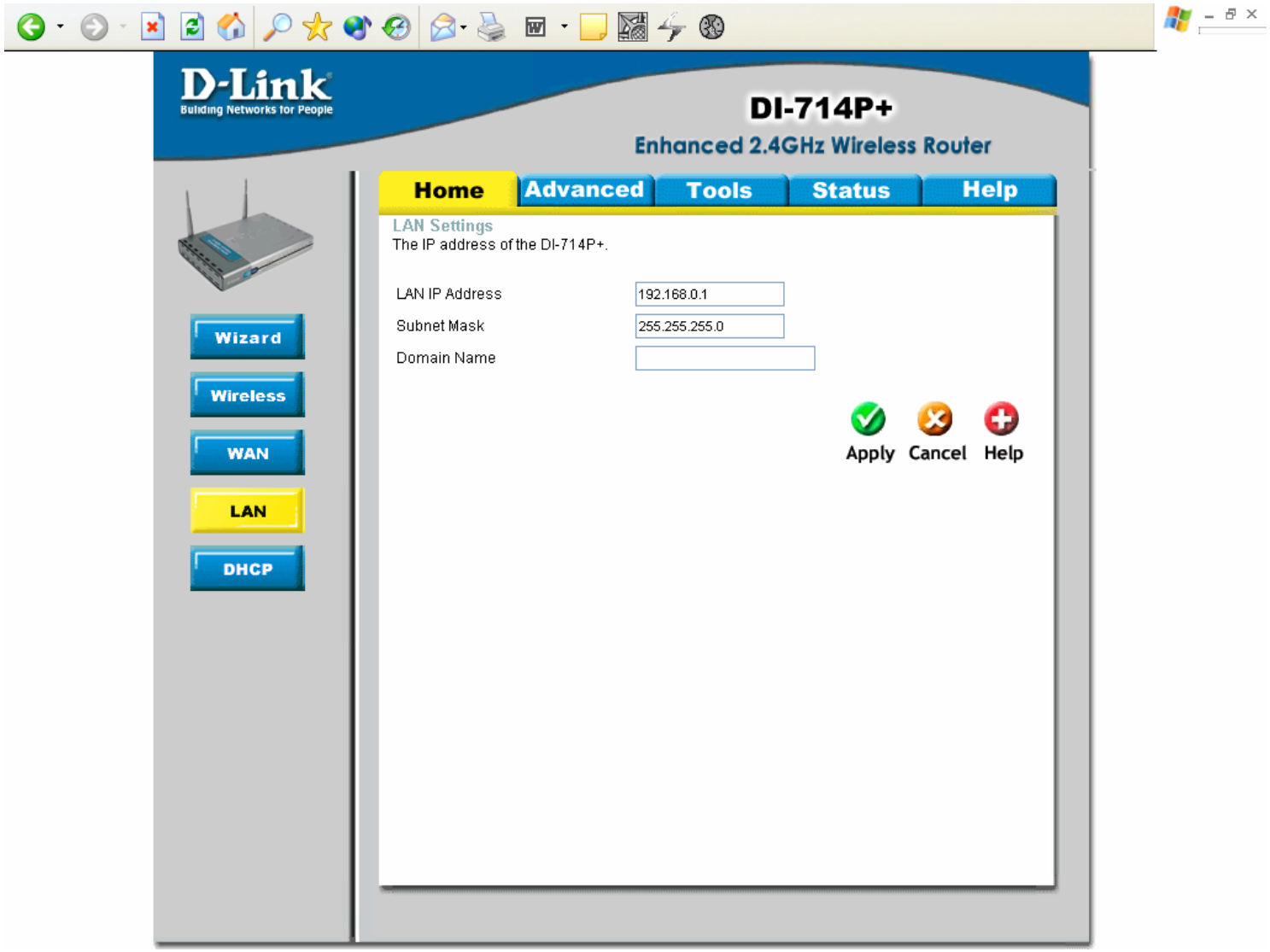
Help
Wizard
Wireless
WAN
LAN
DHCP
WAN Settings
Please select the appropriate option to connect to your ISP.
Dynamic IP Address
Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)
Static IP Address
Choose this option to set static IP information provided to you by your ISP.
PPP over Ethernet
Choose this option if your ISP uses PPPoE. (For most DSL users)
Others
PPTP and BigPond Cable.
PPTP
(for Europe use only)
BigPond Cable
(for Australia use only)
Dynamic IP Address for BigPond
Account
Password
Login Server
(optional)
Renew IP Forever
Enable (Auto-reconnect)
Apply
Cancel
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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Wizard
Wireless
WAN
LAN
DHCP
LAN Settings
The IP address of the DI-714P+.
LAN IP Address
192.168.0.1
Subnet Mask
255.255.255.0
Domain Name
Apply
Cancel
Help

D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
Home
Advanced
Tools
Status
Help
Wizard
Wireless
WAN
LAN
DHCP
LAN Settings
The DI-714P+ can be setup as a DHCP Server to distribute IP addresses to the LAN network.
DHCP Server
Enabled
Disabled
IP Pool Starting Address
192.168.0.100
IP Pool Ending Address
192.168.0.199
Lease Time
1 WEEK
1 HOUR
2 HOURS
3 HOURS
1 DAY
2 DAYS
3 DAYS
1 WEEK
Apply
Cancel
Help
DHCP Clients List
IP Address
MAC Address
Refresh

D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
Home
Advanced
Tools
Status
Help
Virtual Server
Application
Filter
Routing
DMZ
Performance
Virtual Server
Virtual Server is used to allow Internet users access to LAN services.
ID
Service Ports
Server IP
Enable
1
2
3
4
5
6
7
8
9
10
192.168.0.
Well known services
-- select one --
Copy to
ID
--
-- select one --
AUTH (113)
DNS (53)
FTP (21)
ISAKMP (500)
POP3 (110)
PPTP (1723)
SMTP (25)
TELNET (23)
WEB (80)
Next page
Apply
Cancel
Help

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Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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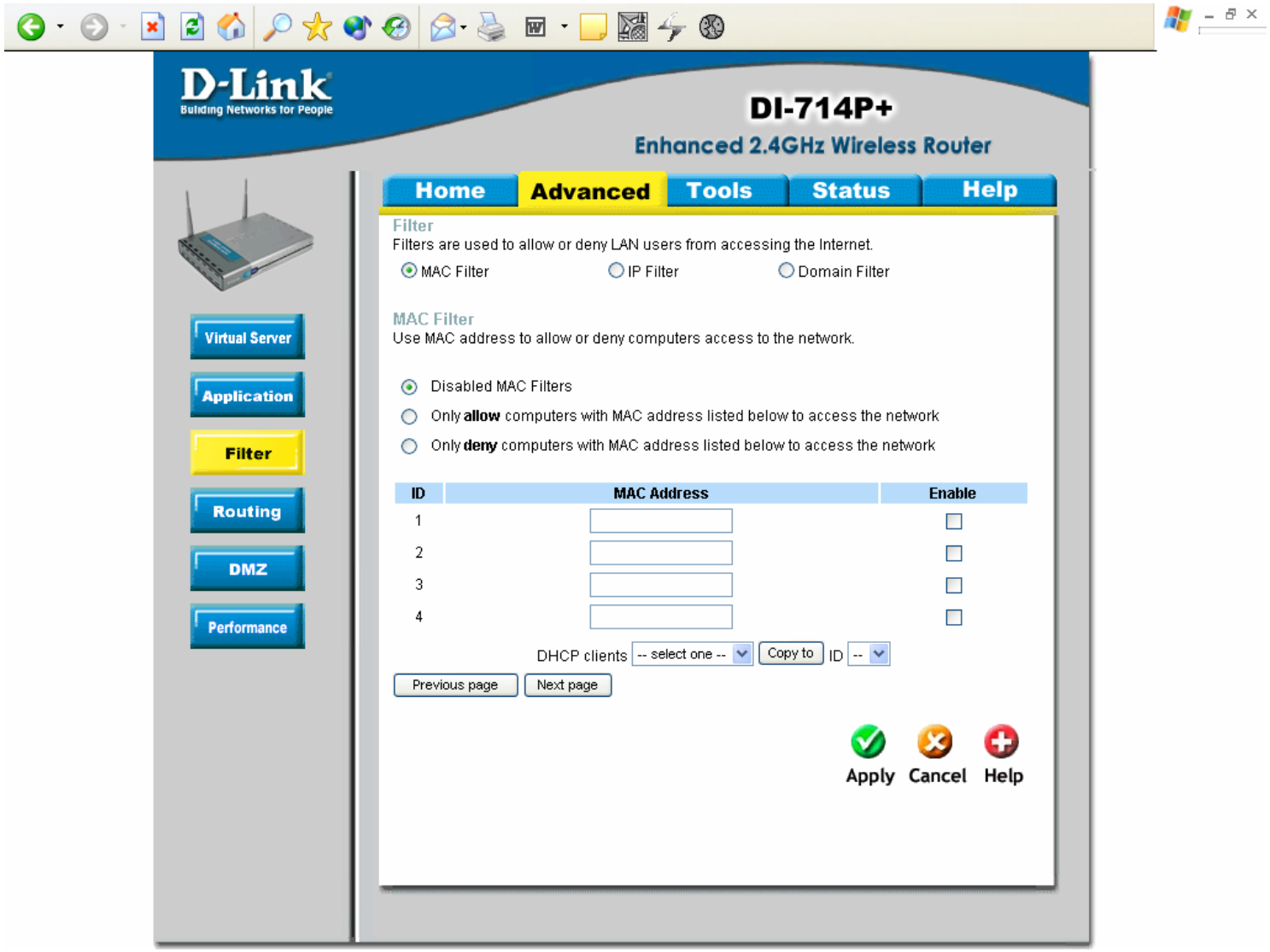
Virtual Server
Application
Filter
Routing
DMZ
Performance
Special Application
Special Application is used to run applications that require multiple connections.
ID
Trigger
Incoming Ports
Enable
1
2
3
4
5
6
7
8
9
10
Popular applications
-- select one --
Copy to
ID
--
-- select one --
Battle.net
Dialpad
ICU II
MSN Gaming Zone
PC-to-Phone
Quick Time 4
Apply
Cancel
Help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DI-714P+
Enhanced 2.4GHz Wireless Router
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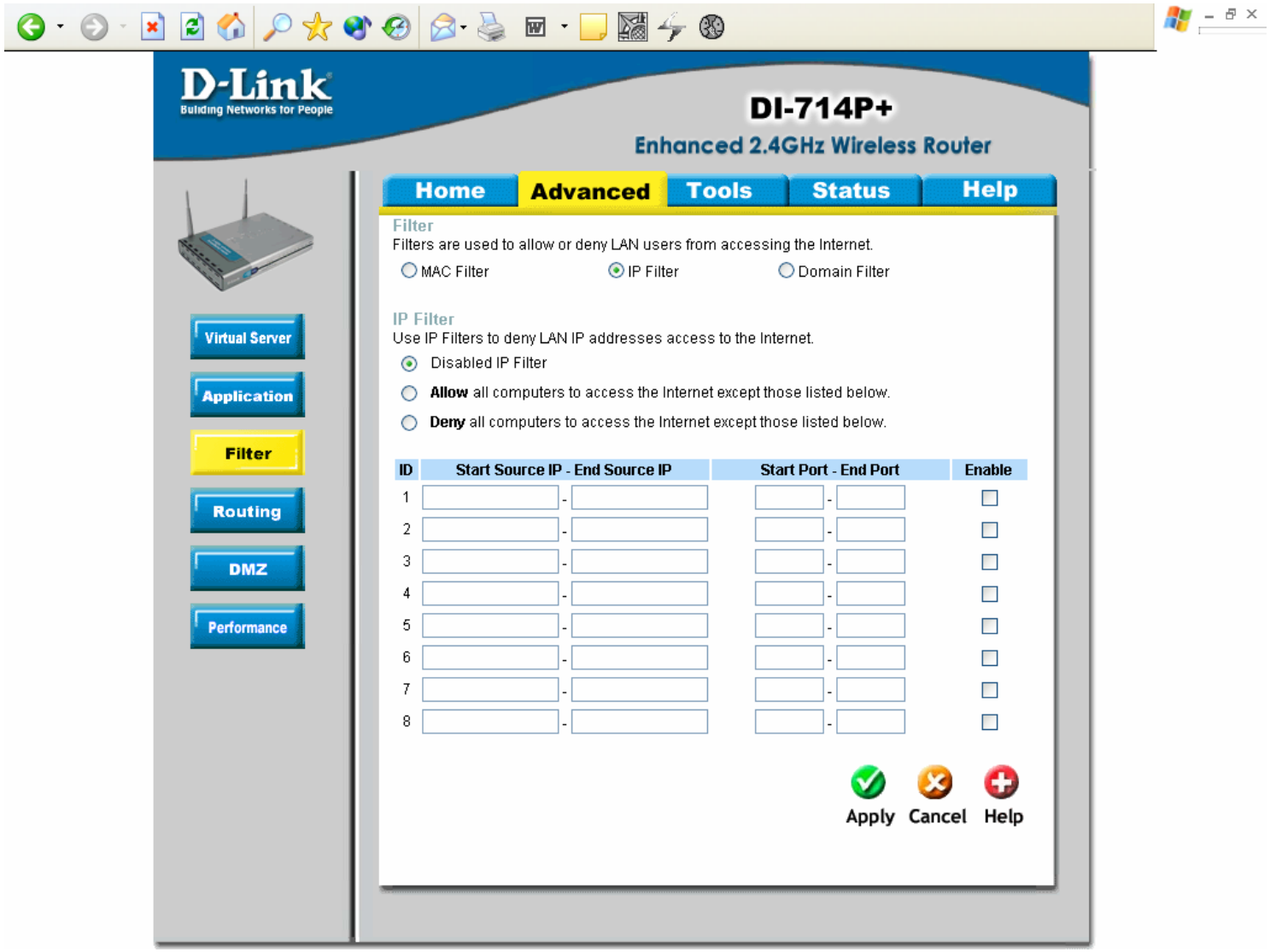
Filter
Routing
DMZ
Performance
Filter
Filters are used to allow or deny LAN users from accessing the Internet.
MAC Filter
IP Filter
Domain Filter
MAC Filter
Use MAC address to allow or deny computers access to the network.
Disabled MAC Filters
Only allow computers with MAC address listed below to access the network
Only deny computers with MAC address listed below to access the network
ID
MAC Address
Enable
1
2
3
4
DHCP clients
-- select one --
Copy to
ID
--
Previous page
Next page
Apply
Cancel
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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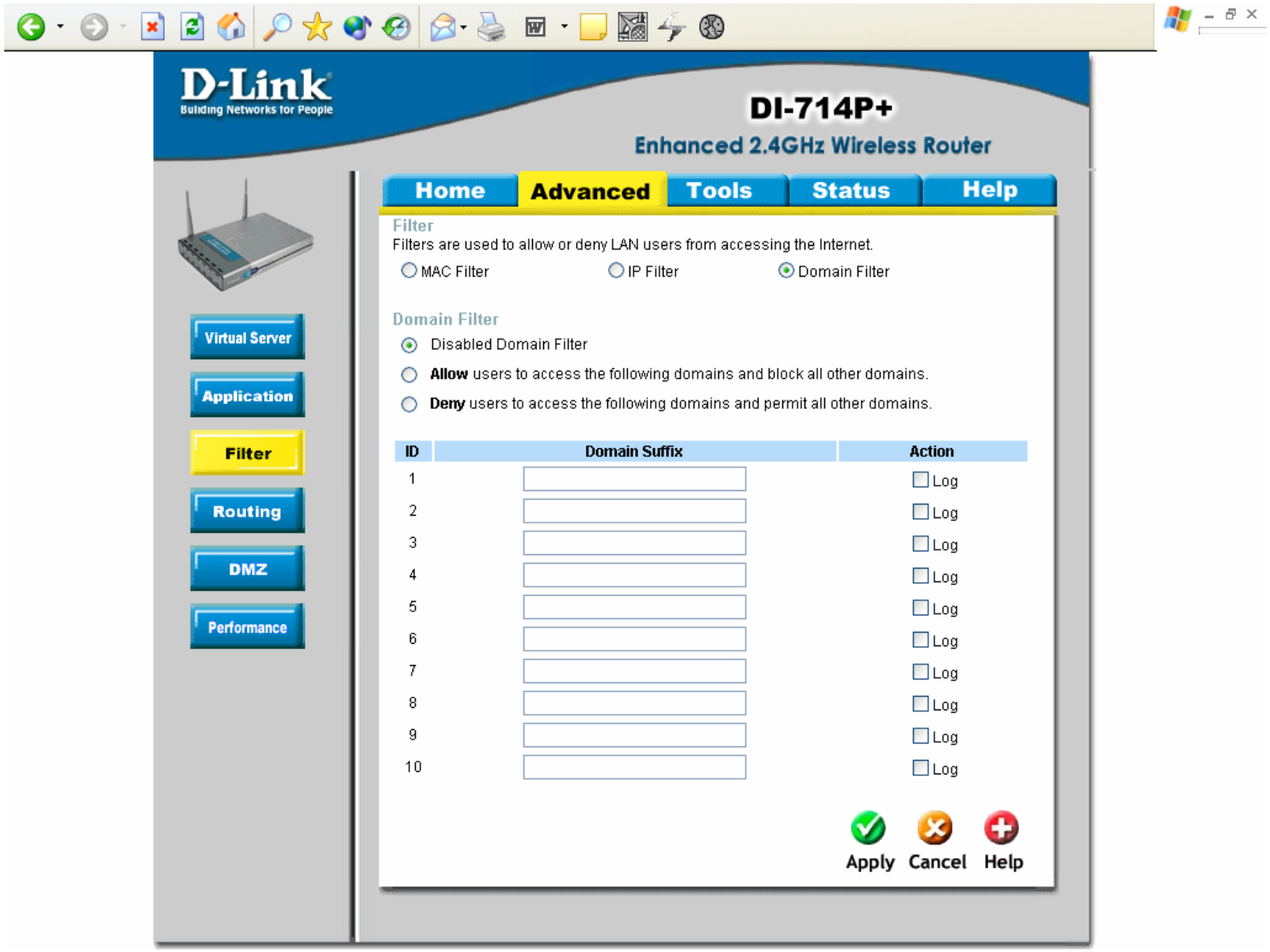
Virtual Server
Application
Filter
Routing
DMZ
Performance
Filter
Filters are used to allow or deny LAN users from accessing the Internet.
MAC Filter
IP Filter
Domain Filter
IP Filter
Use IP Filters to deny LAN IP addresses access to the Internet.
Disabled IP Filter
Allow all computers to access the Internet except those listed below.
Deny all computers to access the Internet except those listed below.
ID
Start Source IP - End Source IP
Start Port - End Port
Enable
1
2
3
4
5
6
7
8
Apply
Cancel
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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Virtual Server
Application
Filter
Routing
DMZ
Performance
Filter
Filters are used to allow or deny LAN users from accessing the Internet.
MAC Filter
IP Filter
Domain Filter
Domain Filter
Disabled Domain Filter
Allow users to access the following domains and block all other domains.
Deny users to access the following domains and permit all other domains.
ID
Domain Suffix
Action
1
2
3
4
5
6
7
8
9
10
Log
Apply
Cancel
Help

D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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Virtual Server
Application
Filter
Routing
DMZ
Performance
Routing Table
Use the Routing Table for routing purposes within your local network.
ID
Destination
Subnet Mask
Gateway
Hop
Enable
1
2
3
4
5
6
7
8
Apply
Cancel
Help

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DI-714P+
Enhanced 2.4GHz Wireless Router
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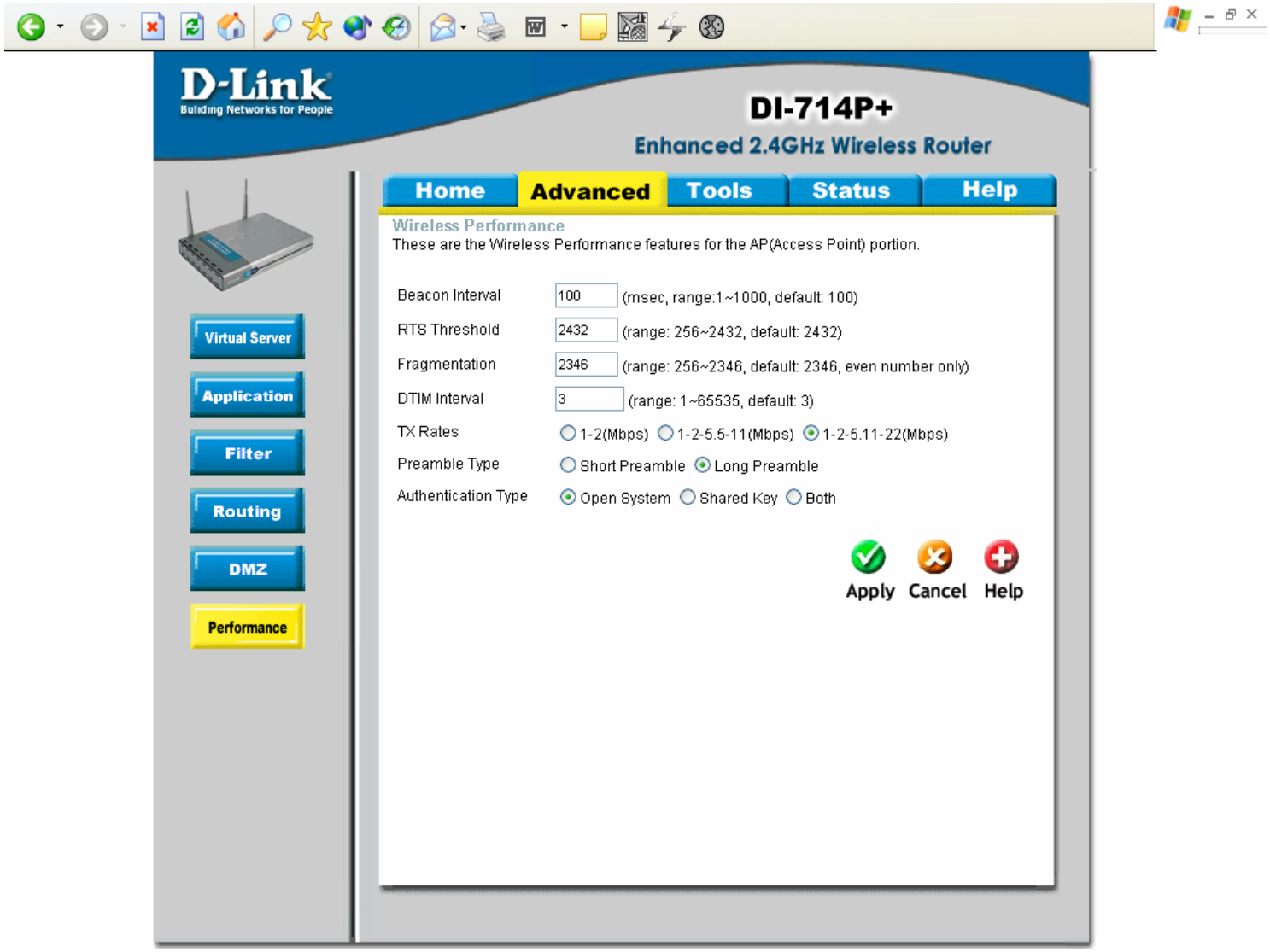
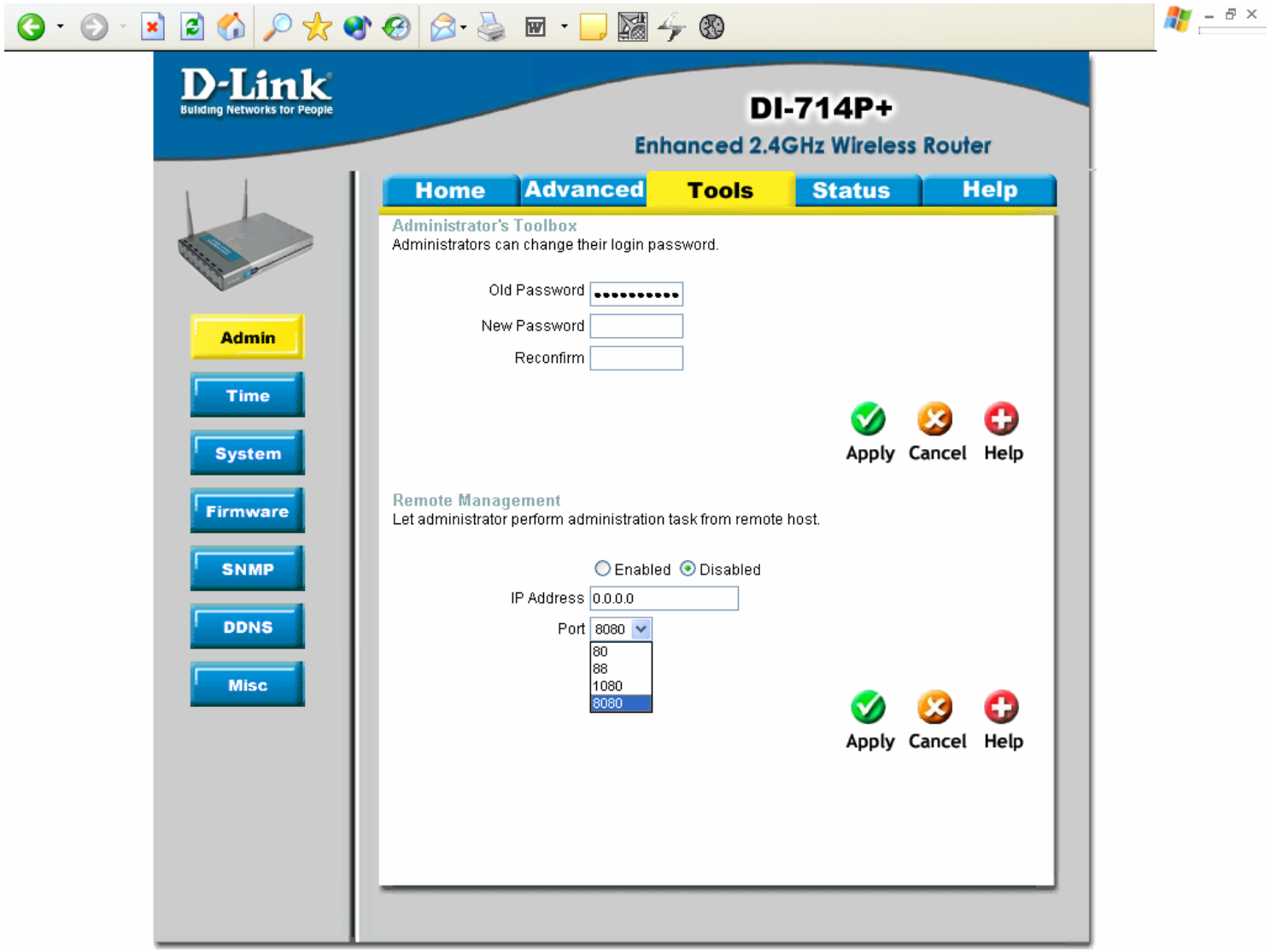
Application
Filter
Routing
DMZ
Performance
DMZ
DMZ(Demilitarized Zone) is used to allow a single computer on the LAN to be exposed to the Internet.
Enabled
Disabled
IP Address
192.168.0.
Apply
Cancel
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
Home
Advanced
Tools
Status
Help
Virtual Server
Application
Filter
Routing
DMZ
Performance
Wireless Performance
These are the Wireless Performance features for the AP(Access Point) portion.
Beacon Interval
100
(msec, range:1~1000, default: 100)
RTS Threshold
2432
(range: 256~2432, default: 2432)
Fragmentation
2346
(range: 256~2346, default: 2346, even number only)
DTIM Interval
3
(range: 1~65535, default: 3)
TX Rates
1-2(Mbps)
1-2-5.5-11(Mbps)
1-2-5.11-22(Mbps)
Preamble Type
Short Preamble
Long Preamble
Authentication Type
Open System
Shared Key
Both
Apply
Cancel
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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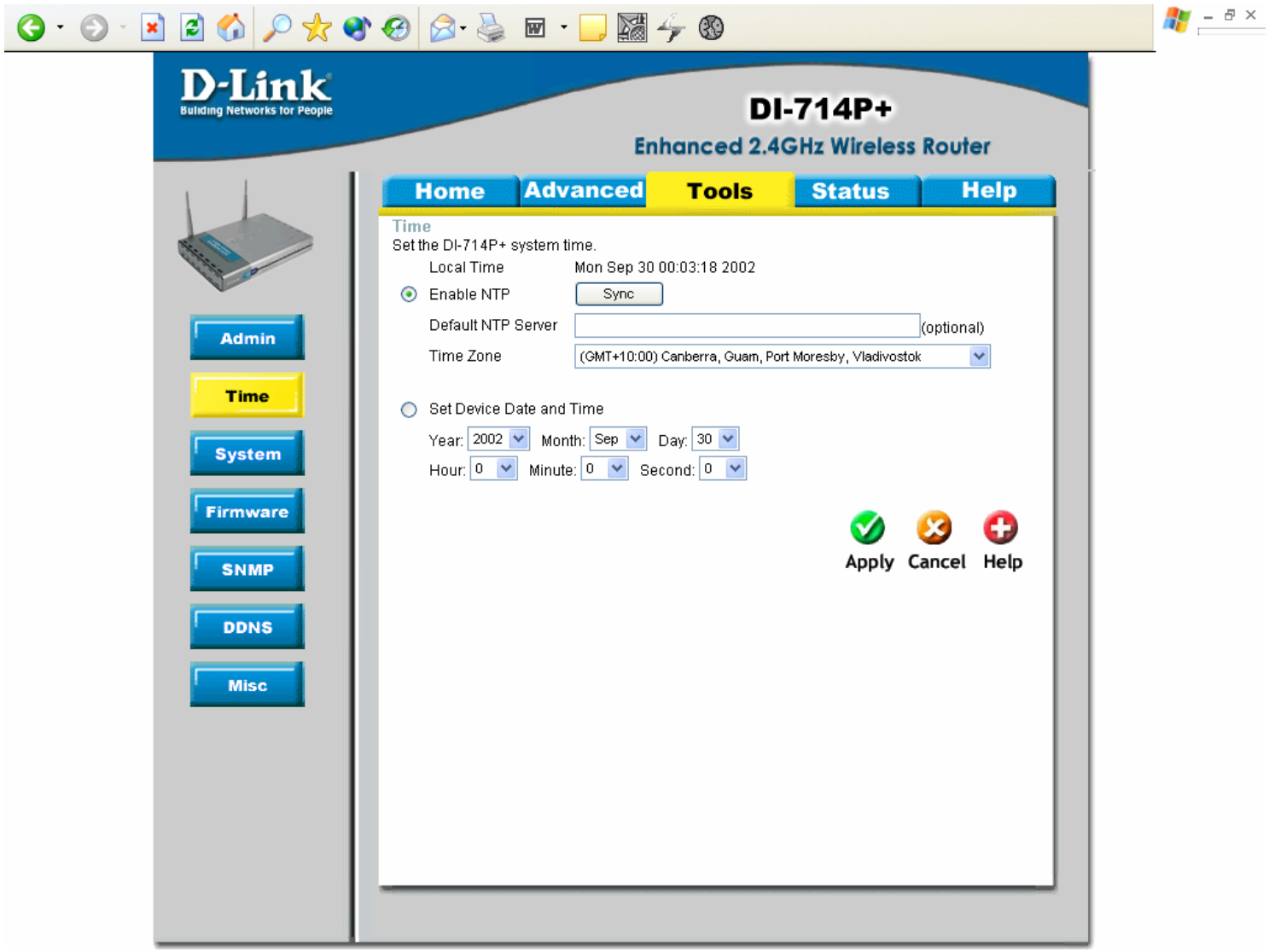
Status
Help
Admin
Time
System
Firmware
SNMP
DDNS
Misc
Administrator's Toolbox
Administrators can change their login password.
Old Password
New Password
Reconfirm
Apply
Cancel
Help
Remote Management
Let administrator perform administration task from remote host.
Enabled
Disabled
IP Address
0.0.0.0
Port
8080
80
88
1080
8080
Apply
Cancel
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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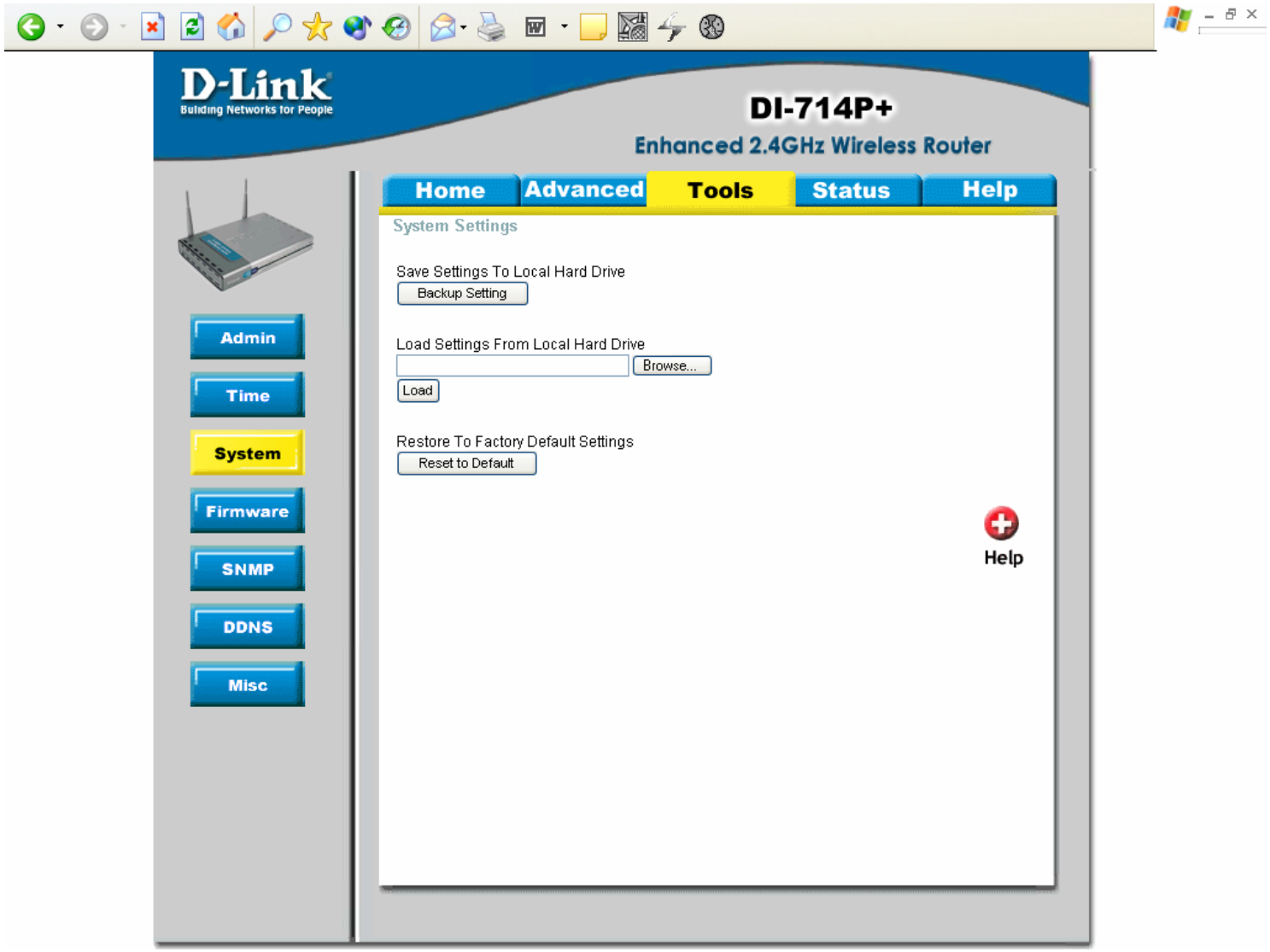
Time
System
Firmware
SNMP
DDNS
Misc
Time
Set the DI-714P+ system time.
Local Time
Mon Sep 30 00:03:18 2002
Enable NTP
Sync
Default NTP Server
(optional)
Time Zone
(GMT+10:00) Canberra, Guam, Port Moresby, Vladivostok
Set Device Date and Time
Year: 2002
Month: Sep
Day: 30
Hour: 0
Minute: 0
Second: 0
Apply
Cancel
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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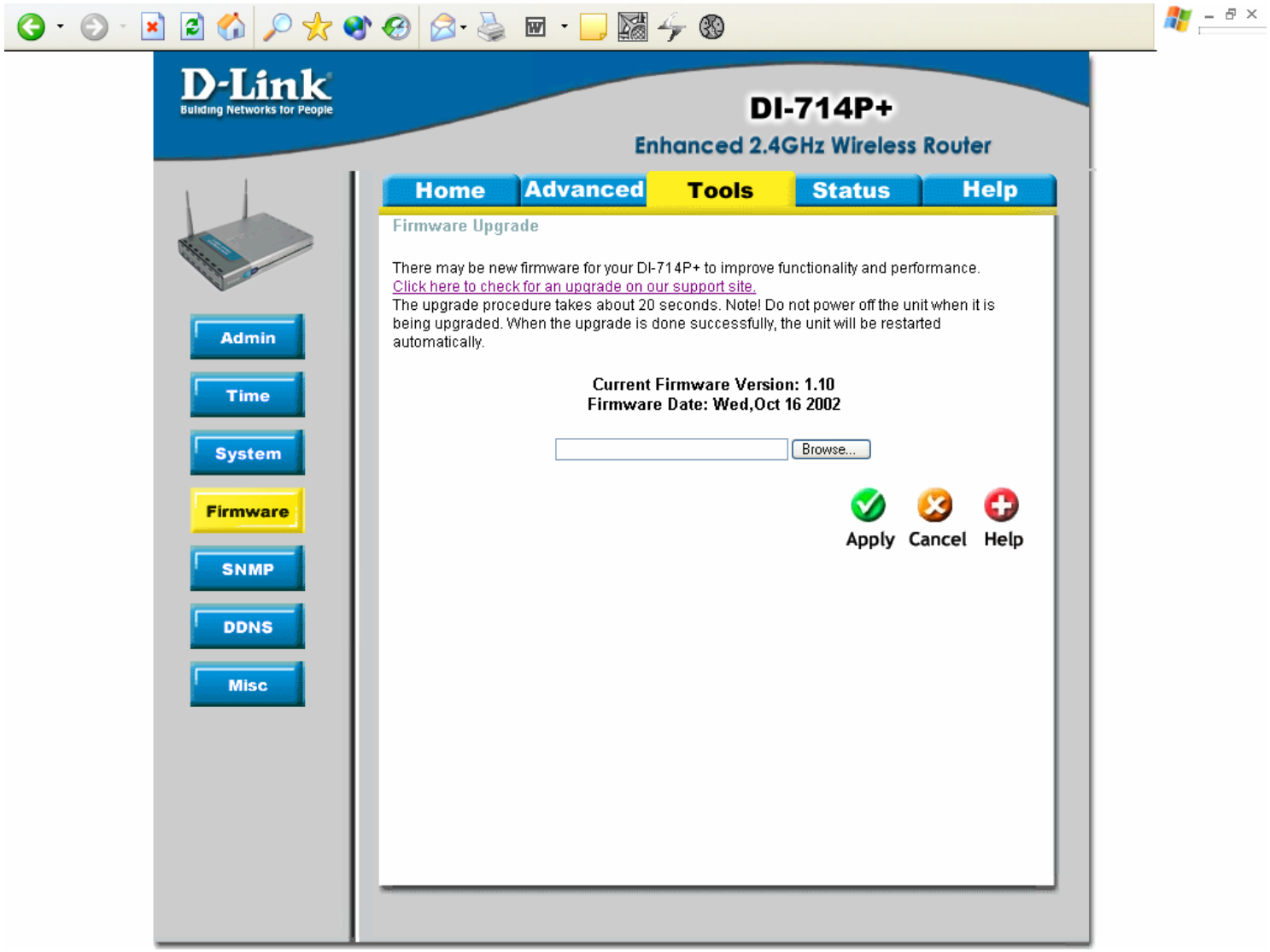
Admin
Time
System
Firmware
SNMP
DDNS
Misc
System Settings
Save Settings To Local Hard Drive
Backup Setting
Load Settings From Local Hard Drive
Browse...
Load
Restore To Factory Default Settings
Reset to Default
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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Firmware
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Firmware Upgrade
There may be new firmware for your DI-714P+ to improve functionality and performance.
Click here to check for an upgrade on our support site.
The upgrade procedure takes about 20 seconds. Note! Do not power off the unit when it is being upgraded. When the upgrade is done successfully, the unit will be restarted automatically.
Current Firmware Version: 1.10
Firmware Date: Wed,Oct 16 2002
Browse...
Apply
Cancel
Help

D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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Admin
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System
Firmware
SNMP
DDNS
Misc
SNMP
Use Simple Network Management Protocol(SNMP) for DI-714P+ management purposes.
Enable SNMP
Local
Remote
Get Community
public
Set Community
private
Apply
Cancel
Help

D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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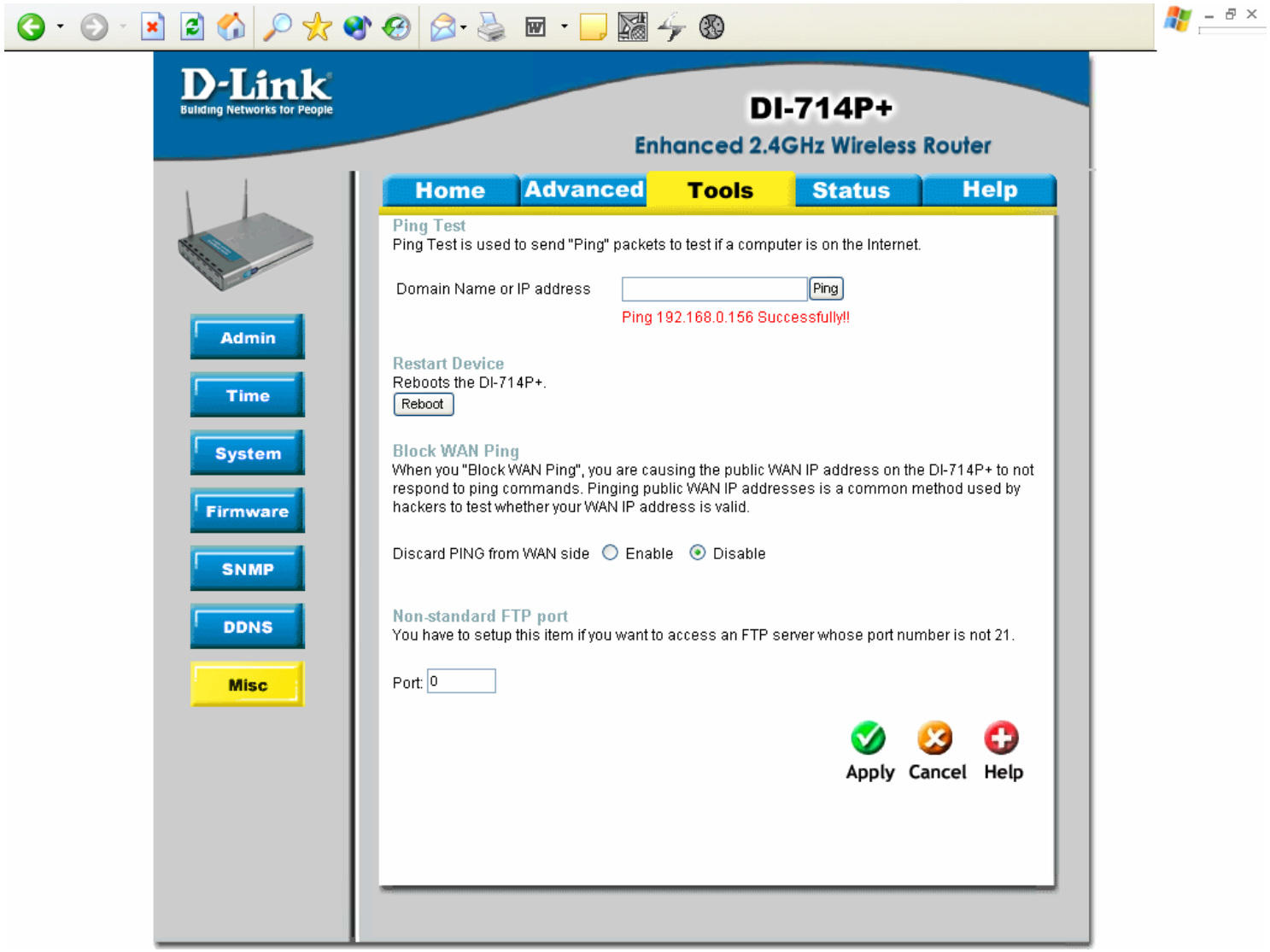
Status
Help
Admin
Time
System
Firmware
SNMP
DDNS
Misc
Dynamic DNS
Use Dynamic DNS if you want to use your DDNS account.
DDNS
Disabled
Enabled
Provider
DynDNS.org
DynDNS.org
dhs.org
Host Name
Username / E-mail
Password / Key
Apply
Cancel
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
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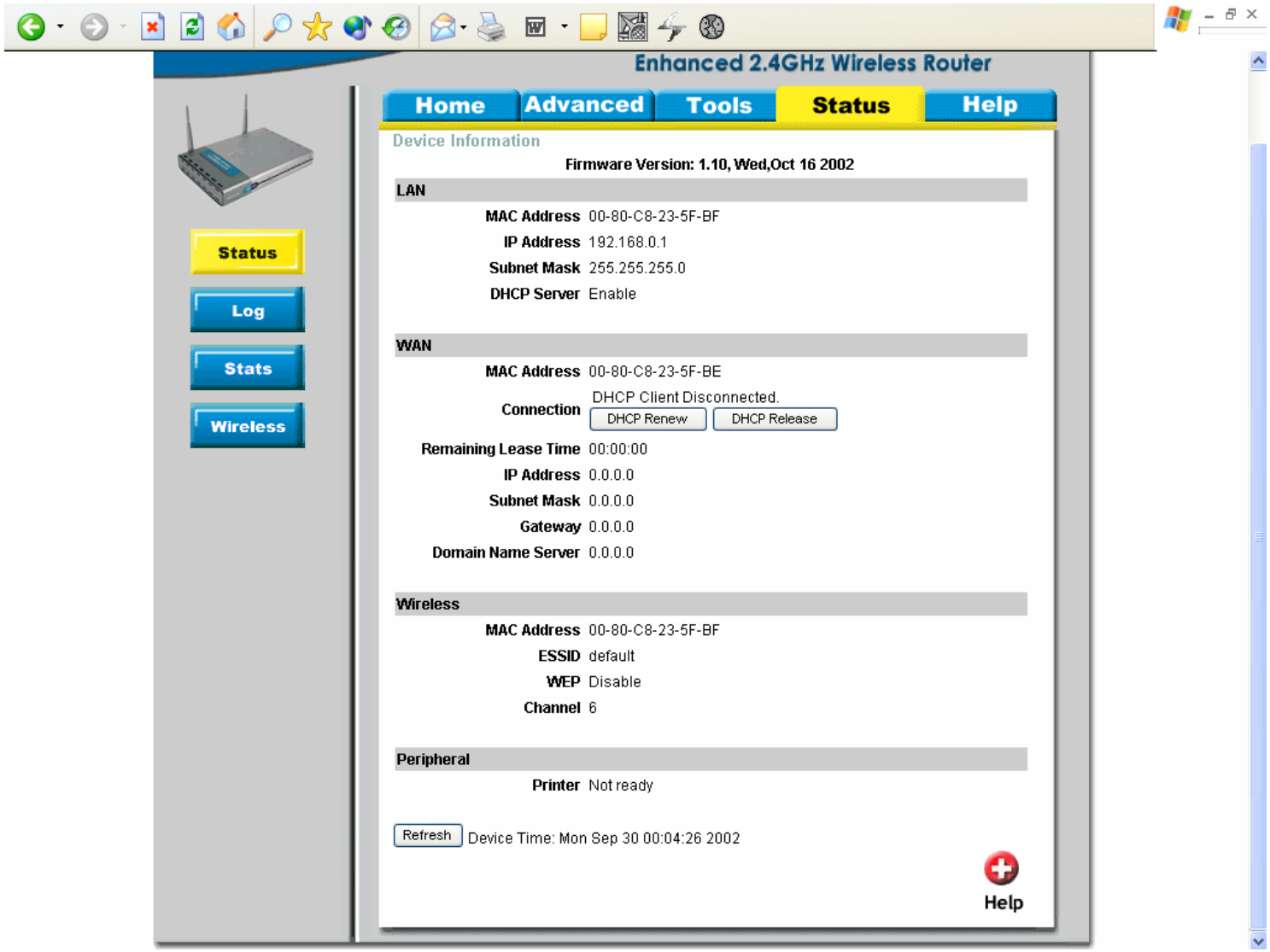
Time
System
Firmware
SNMP
DDNS
Misc
Ping Test
Ping Test is used to send "Ping" packets to test if a computer is on the Internet.
Domain Name or IP address
Ping
Ping 192.168.0.156 Successfully!!
Restart Device
Reboots the DI-714P+.
Reboot
Block WAN Ping
When you "Block WAN Ping", you are causing the public WAN IP address on the DI-714P+ to not respond to ping commands. Pinging public WAN IP addresses is a common method used by hackers to test whether your WAN IP address is valid.
Discard PING from WAN side
Enable
Disable
Non-standard FTP port
You have to setup this item if you want to access an FTP server whose port number is not 21.
Port: 0
Apply
Cancel
Help


Enhanced 2.4GHz Wireless Router
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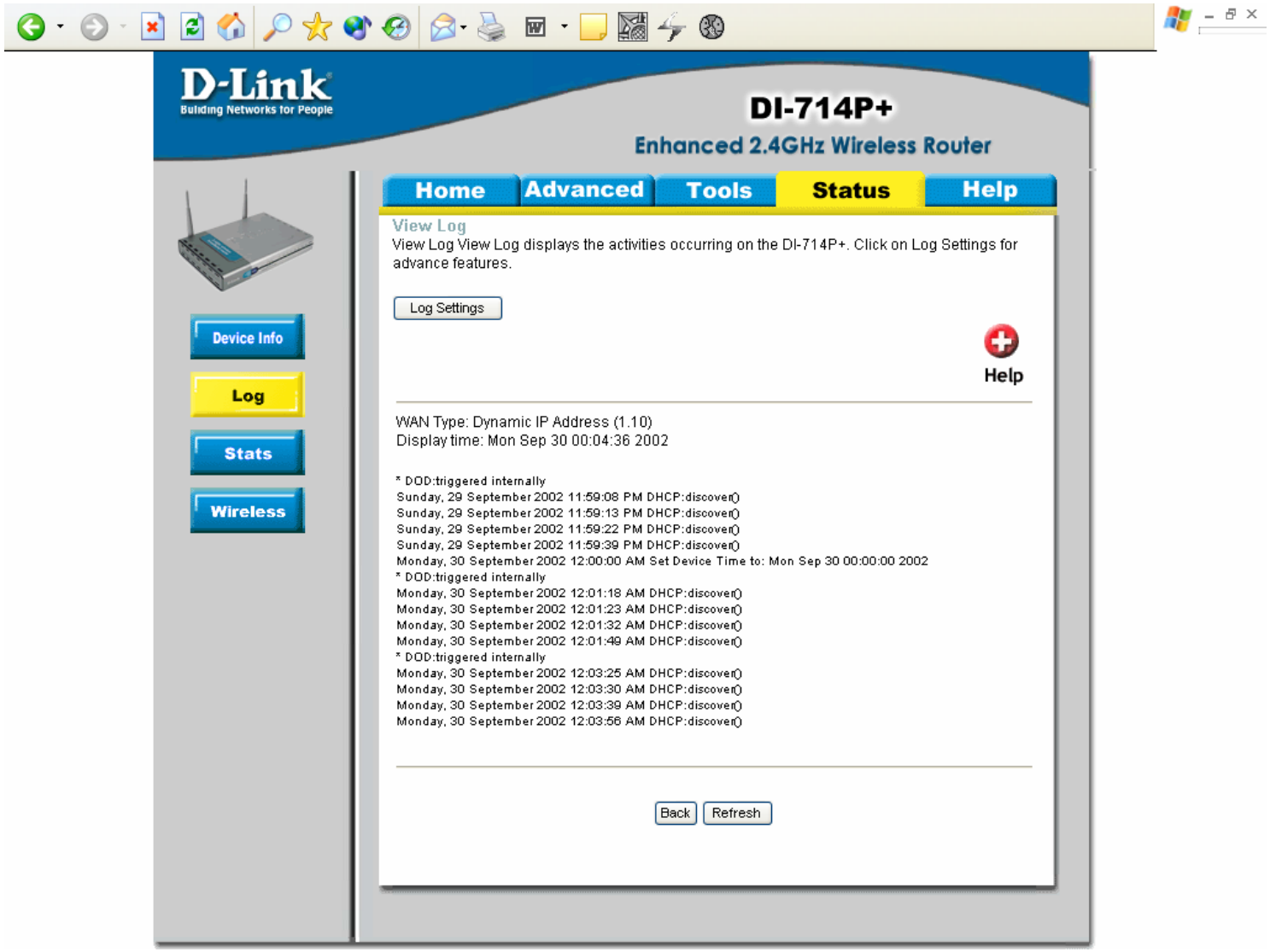
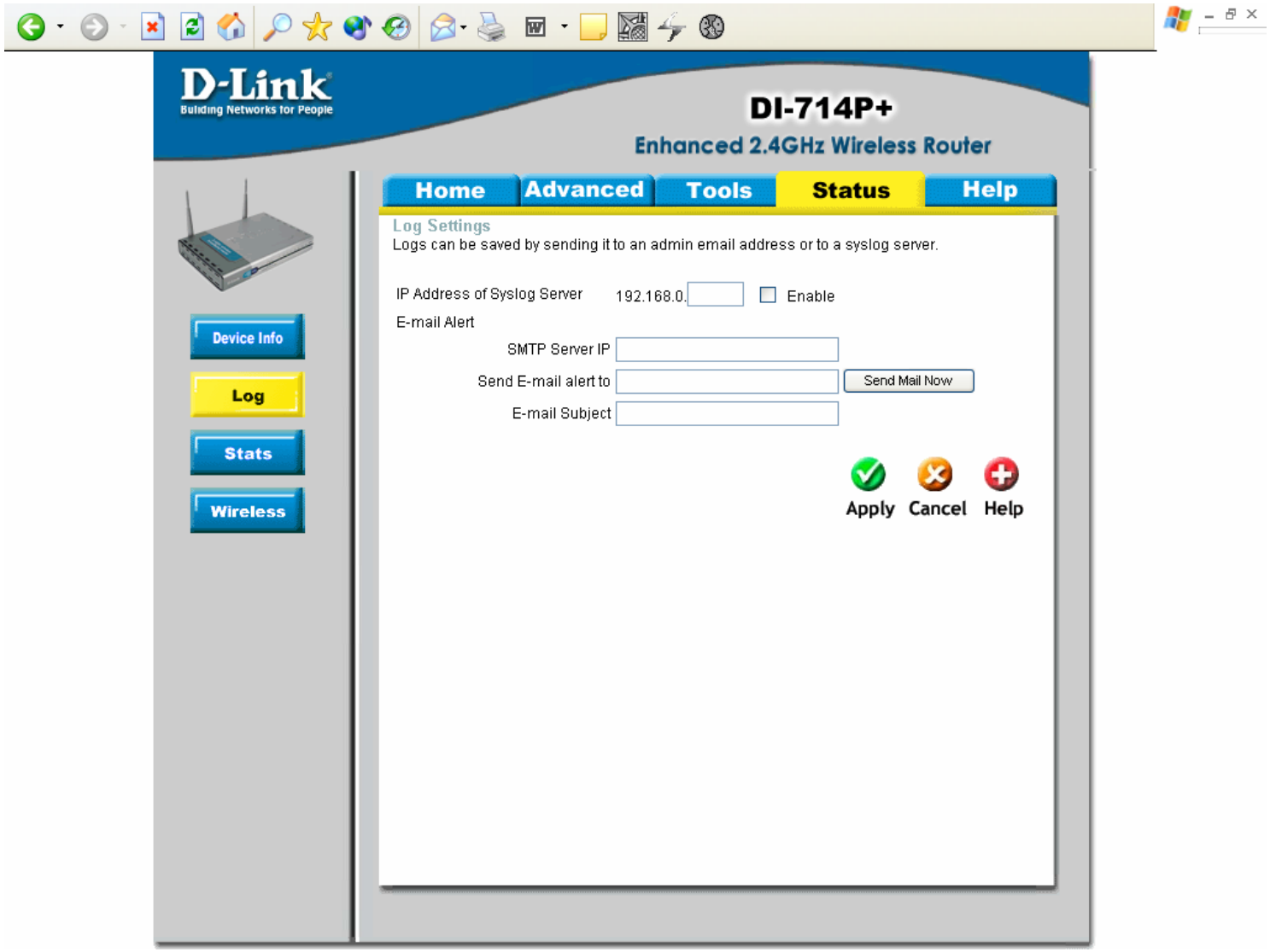
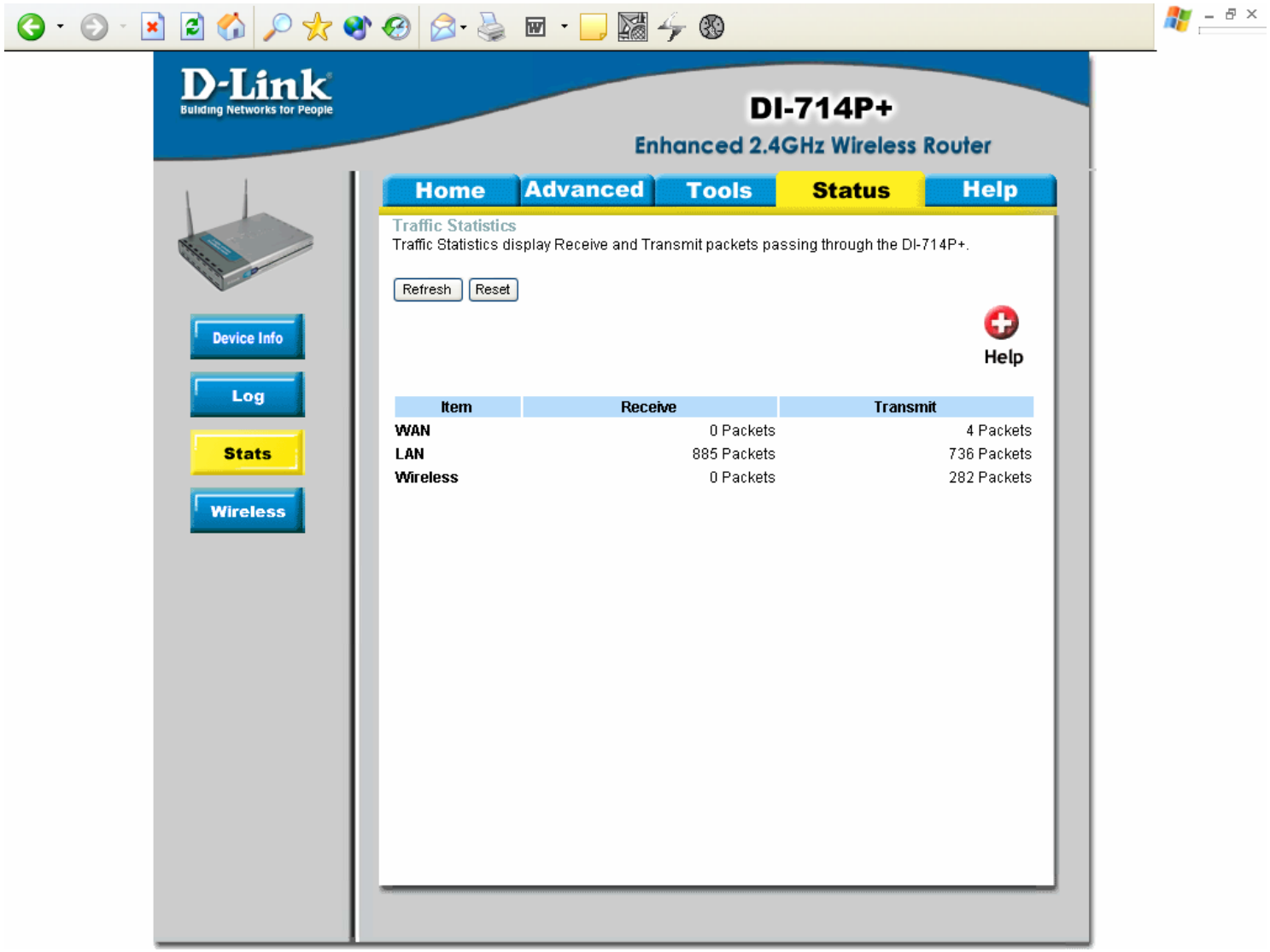
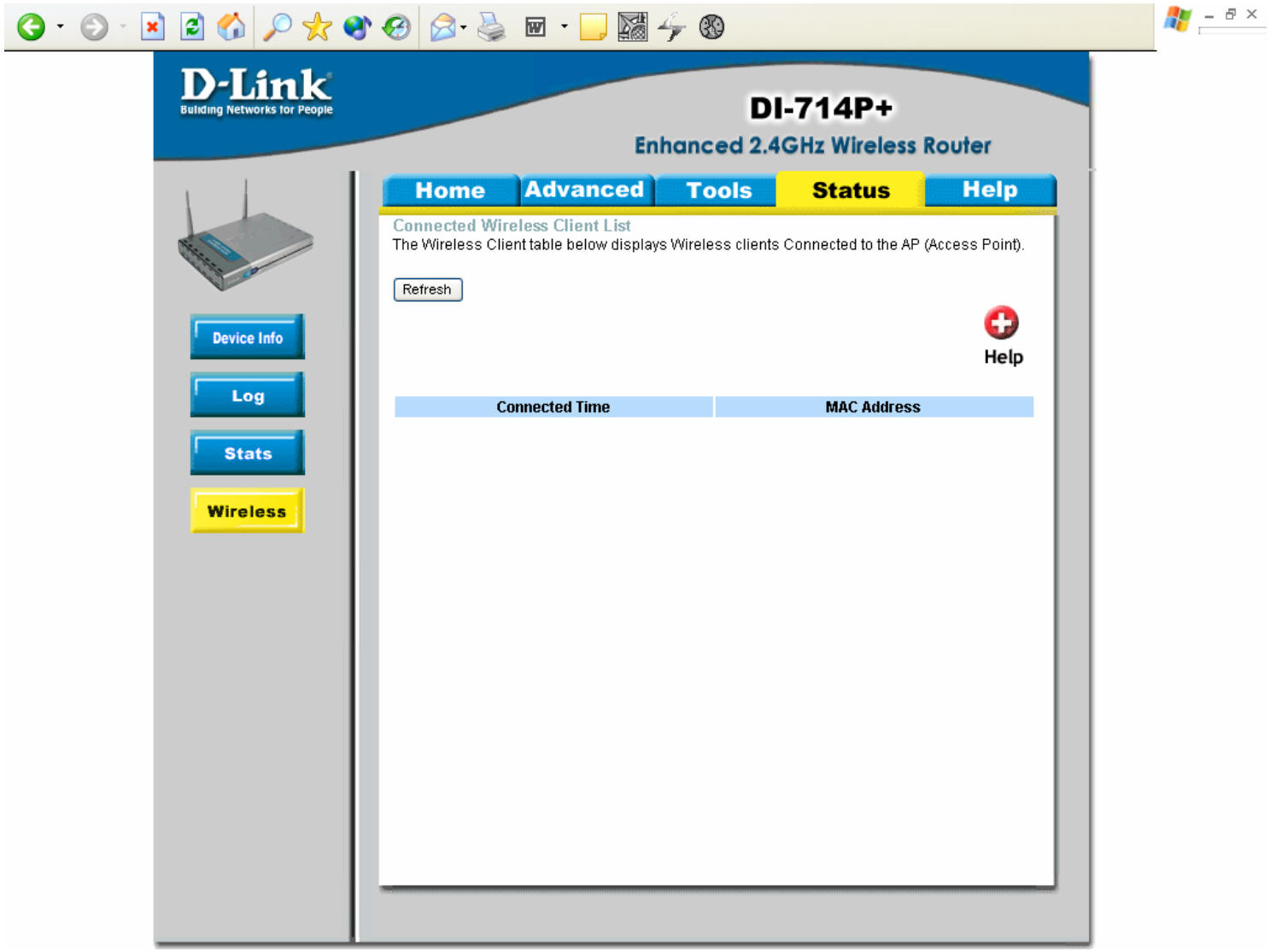
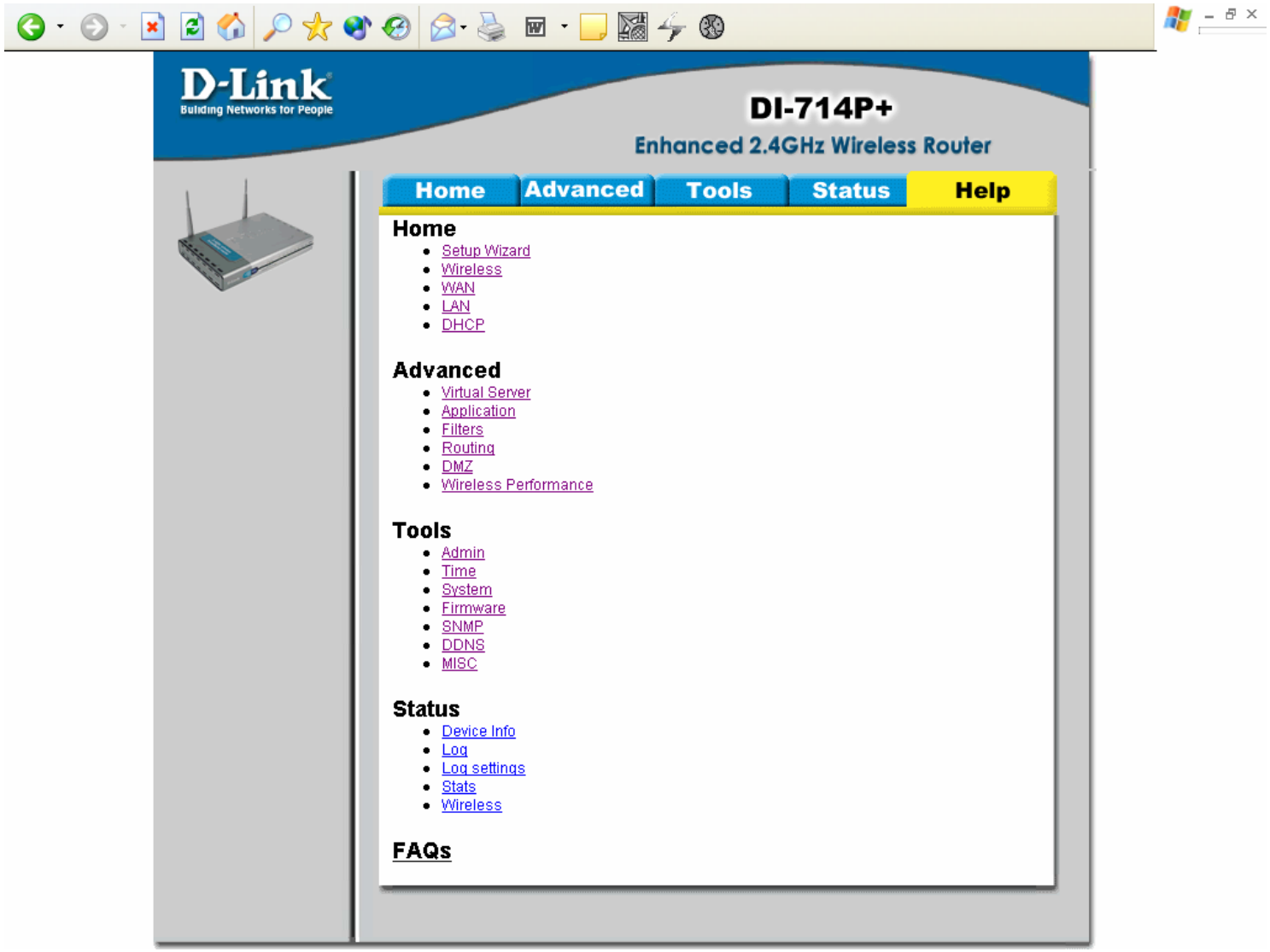
Status
Log
Stats
Wireless
Device Information
Firmware Version: 1.10, Wed,Oct 16 2002
LAN
MAC Address 00-80-C8-23-5F-BF
IP Address 192.168.0.1
Subnet Mask 255.255.255.0
DHCP Server Enable
WAN
MAC Address 00-80-C8-23-5F-BE
Connection DHCP Client Disconnected.
DHCP Renew
DHCP Release
Remaining Lease Time 00:00:00
IP Address 0.0.0.0
Subnet Mask 0.0.0.0
Gateway 0.0.0.0
Domain Name Server 0.0.0.0
Wireless
MAC Address 00-80-C8-23-5F-BF
ESSID default
WEP Disable
Channel 6
Peripheral
Printer Not ready
Refresh
Device Time: Mon Sep 30 00:04:26 2002
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
Home
Advanced
Tools
Status
Help
Device Info
Log
Stats
Wireless
View Log
View Log View Log displays the activities occurring on the DI-714P+. Click on Log Settings for advance features.
Log Settings
Help
WAN Type: Dynamic IP Address (1.10)
Display time: Mon Sep 30 00:04:36 2002
* DOD:triggered internally
Sunday, 29 September 2002 11:59:08 PM DHCP:discover()
Sunday, 29 September 2002 11:59:13 PM DHCP:discover()
Sunday, 29 September 2002 11:59:22 PM DHCP:discover()
Sunday, 29 September 2002 11:59:39 PM DHCP:discover()
Monday, 30 September 2002 12:00:00 AM Set Device Time to: Mon Sep 30 00:00:00 2002
* DOD:triggered internally
Monday, 30 September 2002 12:01:18 AM DHCP:discover()
Monday, 30 September 2002 12:01:23 AM DHCP:discover()
Monday, 30 September 2002 12:01:32 AM DHCP:discover()
Monday, 30 September 2002 12:01:49 AM DHCP:discover()
* DOD:triggered internally
Monday, 30 September 2002 12:03:25 AM DHCP:discover()
Monday, 30 September 2002 12:03:30 AM DHCP:discover()
Monday, 30 September 2002 12:03:39 AM DHCP:discover()
Monday, 30 September 2002 12:03:56 AM DHCP:discover()
Back
Refresh


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
Home
Advanced
Tools
Status
Help
Device Info
Log
Stats
Wireless
Log Settings
Logs can be saved by sending it to an admin email address or to a syslog server.
IP Address of Syslog Server
192.168.0.
Enable
E-mail Alert
SMTP Server IP
Send E-mail alert to
Send Mail Now
E-mail Subject
Apply
Cancel
Help


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
Home
Advanced
Tools
Status
Help
Device Info
Log
Stats
Wireless
Traffic Statistics
Traffic Statistics display Receive and Transmit packets passing through the DI-714P+.
Refresh
Reset
Help
Item
Receive
Transmit
WAN
0 Packets
4 Packets
LAN
885 Packets
736 Packets
Wireless
0 Packets
282 Packets


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
Home
Advanced
Tools
Status
Help
Device Info
Log
Stats
Wireless
Connected Wireless Client List
The Wireless Client table below displays Wireless clients Connected to the AP (Access Point).
Refresh
Help
Connected Time
MAC Address


D-Link
Building Networks for People
DI-714P+
Enhanced 2.4GHz Wireless Router
Home
Advanced
Tools
Status
Help
Home
Setup Wizard
Wireless
WAN
LAN
DHCP
Advanced
Virtual Server
Application
Filters
Routing
DMZ
Wireless Performance
Tools
Admin
Time
System
Firmware
SNMP
DDNS
MISC
Status
Device Info
Log
Log settings
Stats
Wireless
FAQs

Home

Setup Wizard

The Setup Wizard is a useful and easy utility to help setup the DI-714P+ to quickly connect to your ISP (Internet Service Provider) with only a few steps required. It will guide you step by step to configure the password, time, and WAN settings of your DI-714P+. The Setup Wizard is a helpful guide for first time users to the DI-714P+.

Wireless

- *Network ID(SSID)* : Network ID is used for identifying the WLAN. Client stations can roam freely over this product and other Access Points that have the same Network ID.

(The factory setting is **default**)

- *Channel* : The radio channel number. The permissible channels depend on the Regulatory Domain.

(The factory setting is channel **6**)

- *WEP Encryption* : This is a security feature to secure wireless data transmission. Enable WEP encryption to protect your data while it is transferred from one station to another. Select from 64, 128, or 256-bit WEP encryption. 64-bit WEP requires 10 hexadecimal digits, 128-bit WEP requires 26 hexadecimal digits, and 256-bit WEP requires 58 hexadecimal digits. Hexadecimal digits consist of numbers (0-9) and alphabet characters (a-f).

WAN

WAN (Wide Area Network) Settings are settings that are used to connect to your ISP (Internet Service Provider). The WAN settings are provided to you by your ISP and often times referred to as "public settings". Please select the appropriate option for your specific ISP.

Dynamic IP Address:

Select this option if your ISP (Internet Service Provider) provides you an IP address automatically. Cable modem providers typically use dynamic assignment of IP Address.

Host Name :(optional) The Host Name field is optional but may be required by some Internet Service Providers. The default host name is the model number of the device.
Renew IP Forever : Enable this feature to allow the DI-714P+ to reconnect to the ISP automatically if the connection is disconnected.
WAN's MAC Address : (optional) The MAC (Media Access Control) Address field is required by some Internet Service Providers (ISP). The default MAC address is set to the MAC address of the WAN interface in the device. You can use the "Clone MAC Address" button to automatically copy the MAC address of the Ethernet Card installed in the computer used to configure the device. It is only necessary to fill the field if required by your ISP.

Static IP Address:

If required by your ISP, select this option to configure the device with the static IP Address information. Enter in the IP address, subnet mask, gateway address, and DNS (domain name server) address(es) provided to you by your ISP. Each IP address entered in the fields must be in the appropriate IP form, which are four IP octets separated by a dot (x.x.x.x). The Router will not accept the IP address if it is not in this format.

PPPoE:

Select this option if your ISP requires you to use a PPPoE (Point-to-Point Protocol over Ethernet) connection. DSL providers typically use this option. You will receive all IP information automatically from your ISP.

PPPoE Account :Enter your PPPoE username.
PPPoE Password : Enter your PPPoE password.
Primary DNS : (optional) Enter in a Domain Name Server to use. Leave blank to receive a DNS address from your ISP.
Secondary DNS : (optional)
Maximum Idle time : The amount of time of inactivity before the device will disconnect your PPPoE session. Enter a Maximum Idle Time (in minutes) to define a maximum period of time for which the Internet connection is maintained during inactivity. If the connection is inactive for longer than the defined Maximum Idle Time, then the connection will be dropped. Either set the value for idle time to zero or enable Auto-reconnect to disable this feature.
Auto-reconnect : If enabled, the device will automatically connect to your ISP after your unit is restarted or when the connection is dropped.
Service Name : (optional) If your ISP uses a service name for the PPPoE connection, enter the service name here. (example: @earthlink.net)

dropped. Either set the value for idle time to zero or enable Auto-reconnect to disable this feature.
Auto-reconnect : If enabled, the device will automatically connect to your ISP after your unit is restarted or when the connection is dropped.
Service Name : (optional) If your ISP uses a service name for the PPPoE connection, enter the service name here. (example: @earthlink.net)
Assigned IP Address : (optional) This option is only available for Static PPPoE. Enter in the static IP address for the PPPoE connection.
MTU (Maximum Transmission Unit) : You may need to change the MTU setting to conform to your ISP. The default setting is 1492.

Others-PPTP
Point-to-Point Tunneling Protocol (PPTP) is a WAN connection used in Europe.

My IP Address and My Subnet Mask : The private IP address and subnet mask your ISP assigned to you.
Server IP Address : The IP address of the PPTP server.
PPTP Account and Password : The account and password your ISP assigned to you.
Connection ID : (optional) Input the connection ID if your ISP requires it.
Maximum Idle Time : The amount of time of inactivity to disconnect your PPTP session. Set it to zero or enable Auto-reconnect to disable this feature. If Auto-reconnect is enabled, this product will automatically connect to the ISP after the router is restarted or connection is dropped.

Others-BigPond
Dynamic IP Address for BigPond is a WAN connection used in Australia.

Account : Enter in the username for the BigPond account.
Password : Enter in the password for the BigPond account.
Login Server : (optional) Enter in the login server if required.
Renew IP Forever : If enabled, the device will automatically connect to your ISP after your unit is restarted or when the connection is dropped.

LAN
These are the IP settings of the LAN (Local Area Network) interface for the device. These settings may be referred to as "private settings". You may change the LAN IP address if needed. The LAN IP address is private to your internal network and cannot be seen on the Internet. The default IP address is 192.168.0.1 with a subnet mask of 255.255.255.0.

IP Address : IP address of the DI-714P+, default is 192.168.0.1.
Subnet Mask : Subnet Mask of DI-714P+, default is 255.255.255.0.
Domain Name : (optional) Enter in the local domain name for the network.

DHCP
DHCP stands for Dynamic Host Control Protocol. The DHCP server gives out IP addresses when a device is starting up and request an IP address to be logged on to the network. The device must be set as a DHCP client to "Obtain the IP address automatically". By default, the DHCP Server is enabled in the unit. The DHCP address pool contains the range of the IP address that will automatically be assigned to the clients on the network.

IP Pool Starting Address : The starting IP address for the DHCP server's IP assignment.
IP Pool Ending Address : The ending IP address for the DHCP server's IP assignment.
Lease Time : The length of time for the IP lease.

DHCP client computers connected to the unit will have their information displayed in the DHCP Client Table. The table will show the Host Name, IP Address, and MAC Address of the DHCP client computer.

Advanced

Virtual Server

Virtual Server enables WWW, FTP and other services on your LAN to be accessible to Internet users. The DI-714P+ can be configured as a virtual server so that remote users accessing Web or FTP services via the public IP address can be automatically redirected to local servers in the LAN network. Depending on the requested service, the DI-714P+ redirects the external service request to the appropriate server within the LAN network. At the bottom of the screen, there are already defined well-known virtual services. To use them, select one from the drop down list and select an ID number you want to use. Then click the "Copy to" button and the router will fill in the appropriate information to the list. You will only need to input the LAN IP address of the computer running the service and enable it.

Example:

ID	Service Ports	Server IP
1	21	192.168.0.20
2	80	192.168.0.30
3	1723	192.168.0.40
4	2000-2999	192.168.0.45

The above example provides 4 type of services: FTP Server (port 21), Web Server (port 80), PPTP VPN Server (port 1723, PPTP) and a user defined server (ports 2000-2999). All ports opened will allow both TCP and UDP connections.

Application

Some applications require multiple connections, like Internet games, video conferencing, Internet telephony and others. These applications have difficulties working with NAT (Network Address Translation). Special Applications allows some of these applications to work.

> *Trigger* : This is the port used to trigger the application. It can be either a single port or a range of ports. *Incoming ports* : This is the port number on the WAN side that will be used to access the application. You may define a single port or a range of ports. You can use a comma to add multiple ports or port ranges.

At the bottom of the screen, there are already defined special applications. To use them, select one from the drop down list and select an ID number you want to use. Then click the "Copy to" button and the router will fill in the appropriate information to the list. You will then need to enable the service. If the mechanism of Special Applications fails to make an application work, try using DMZ host instead.

NOTE: At any time, only one PC can use each Special Application.

Filters

Filters enables you to control what packets are allowed to pass through the DI-714P+.

MAC Filter :
Use MAC (Media Access Control) filters to allow or deny computers access to the network and Internet based on their MAC address. MAC filters apply both to wired computers connected to one of the four Ethernet LAN ports and also to wireless clients connected wirelessly to the DI-714P+.

- *Disabled MAC Filter* : Select this option if you do not want to use MAC filters.

MAC Filter :
Use MAC (Media Access Control) filters to allow or deny computers access to the network and Internet based on their MAC address. MAC filters apply both to wired computers connected to one of the four Ethernet LAN ports and also to wireless clients connected wirelessly to the DI-714P+.

- *Disabled MAC Filter* : Select this option if you do not want to use MAC filters.
- *Only allow computers with MAC address listed below to access the network* : Select this option to only allow computers that are in the list to access the network and Internet. All other computers will be denied access to the network and Internet.
- *Only deny computers with MAC address listed below to access the network* : Select this option to only deny computers that are in the list to access the network and Internet. All other computers will be allowed access to the network and Internet.

MAC Address : Enter in the MAC address of the computer you want the policy to apply to. MAC addresses are 12 hexadecimal characters. Every two characters are separated by a hyphen.
(example: 01-23-45-67-89-ab) *Enable* : Select this option for the specific MAC filter policy to take effect.

At the bottom of the screen, there is a list of MAC addresses from DHCP client computers connected to the DI-714P+. To use them, select one from the drop down list and select an ID number you want to use. Then click the "Copy to" button and the router will fill in the appropriate information to the list.

IP Filter :
Use IP (Internet Protocol) filters to allow or deny computers access to the Internet based on their IP address. IP filters apply both to wired computers connected to one of the four Ethernet LAN ports and also to wireless clients connected wirelessly to the DI-714P+.

- *Disabled IP Filter* : Select this option if you do not want to use IP filters.
- *Allow all computers to access the Internet except those listed below* : Select this option to allow computers that are in the list to access the Internet. All other computers will be denied access to the Internet.
- *Deny all computers to access the Internet except those listed below* : Select this option to deny computers that are in the list to access the Internet. All other computers will be allowed access to the Internet.

Start Source IP - End Source IP : Enter in the IP address range of the computers that you want the policy to apply to. If it is only a single computer you want the policy applied to, then enter the IP address of that computer in the Start Source IP and leave the End Source IP blank.
Start port - End port : Enter in the port range of the TCP/UDP ports that you want the policy to apply to. If it is only a single port you want the policy applied to, then enter the port number in the Start Port field and leave the End Port field blank. If you want to use all the ports, you can leave the port range empty.
Enable : Select this option for the specific IP filter policy to take effect.

Domain Filter :
Use Domain filters to allow or deny computers access to specific Internet domains whether it is through www, ftp, snmp, etc. Domain filters apply both to wired computers connected to one of the four Ethernet LAN ports and also to wireless clients connected wirelessly to the DI-714P+.

- *Disabled Domain Filter* : Select this option if you do not want to use Domain filters.
- *Allow users to access the following domains and block all other domains* : Select this option to allow users to access the specified Internet domains listed below. Users will be denied access to all other Internet domains.
- *Deny users to access the following domains and permit all other domains* : Select this option to deny users to access the specified Internet domains listed below. Users will be allowed access to all other Internet domains.

Domain suffix : Enter in the domain suffix of the Internet domain you want to use. (example: shopping.com, sports.net)
Log : Select this option to log usage to the specified domain. The logs can be viewed in the Log table.

Routing

Static routes can be added if you require specific routes within your internal network. These routes will not apply to the WAN (Internet) network.

Use Domain filters to allow or deny computers access to specific Internet domains whether it is through www, ftp, snmp, etc. Domain filters apply both to wired computers connected to one of the four Ethernet LAN ports and also to wireless clients connected wirelessly to the DI-714P+.

- *Disabled Domain Filter* : Select this option if you do not want to use Domain filters.
- *Allow users to access the following domains and block all other domains* : Select this option to allow users to access the specified Internet domains listed below. Users will be denied access to all other Internet domains.
- *Deny users to access the following domains and permit all other domains* : Select this option to deny users to access the specified Internet domains listed below. Users will be allowed access to all other Internet domains.

Domain suffix : Enter in the domain suffix of the Internet domain you want to use. (example: shopping.com, sports.net)
Log : Select this option to log usage to the specified domain. The logs can be viewed in the Log table.

Routing

Static routes can be added if you require specific routes within your internal network. These routes will not apply to the WAN (Internet) network.

Destination : Enter in the IP of the specified network that you want to access using the static route.
Subnet Mask : Enter in the subnet mask to be used for the specified network.
Gateway : Enter in the gateway IP address to the specified network.
Hop : Enter in the amount of hops it will take to the specified network.
Enable : Select this option for the specified static route to take effect.

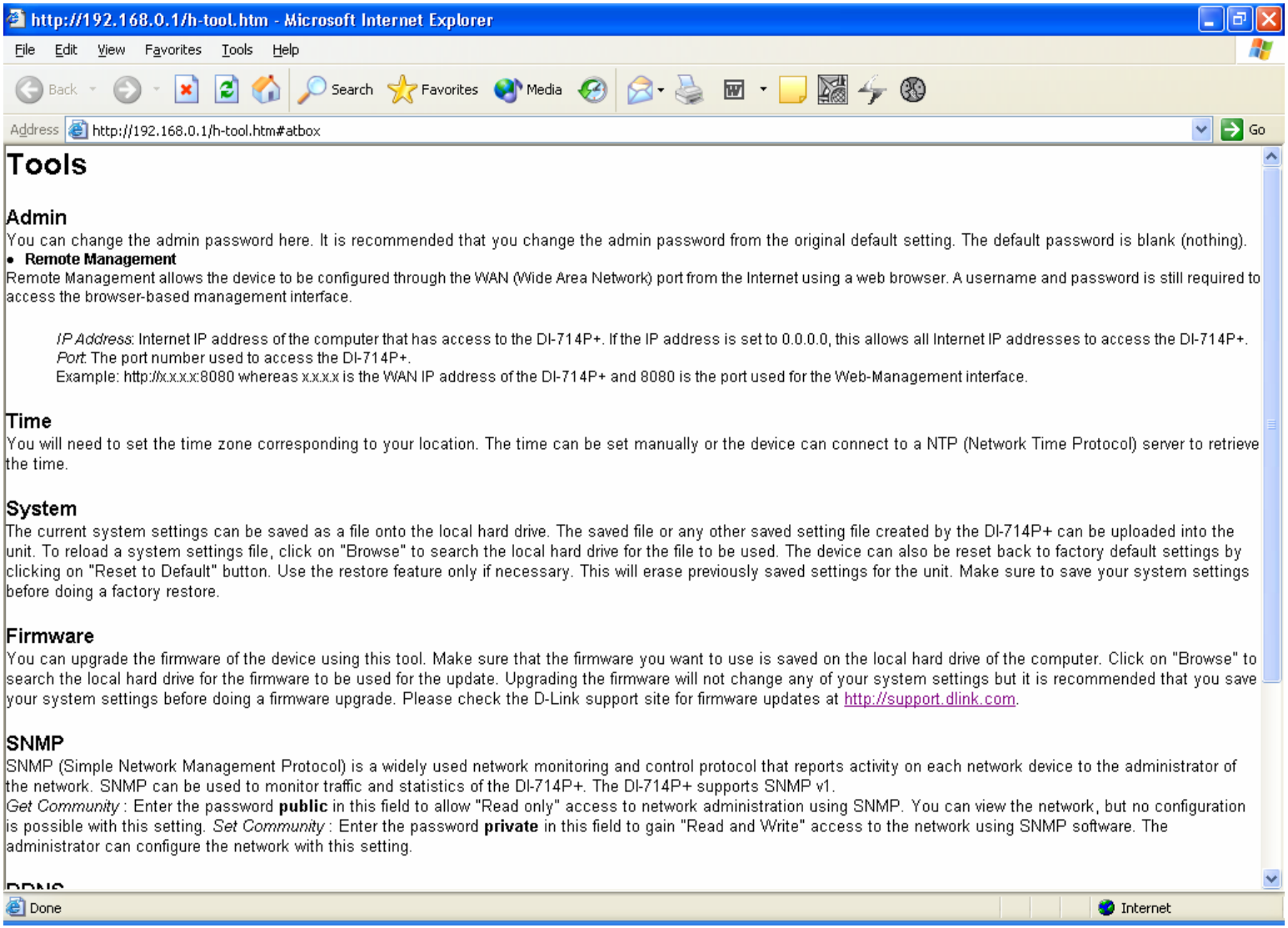
DMZ

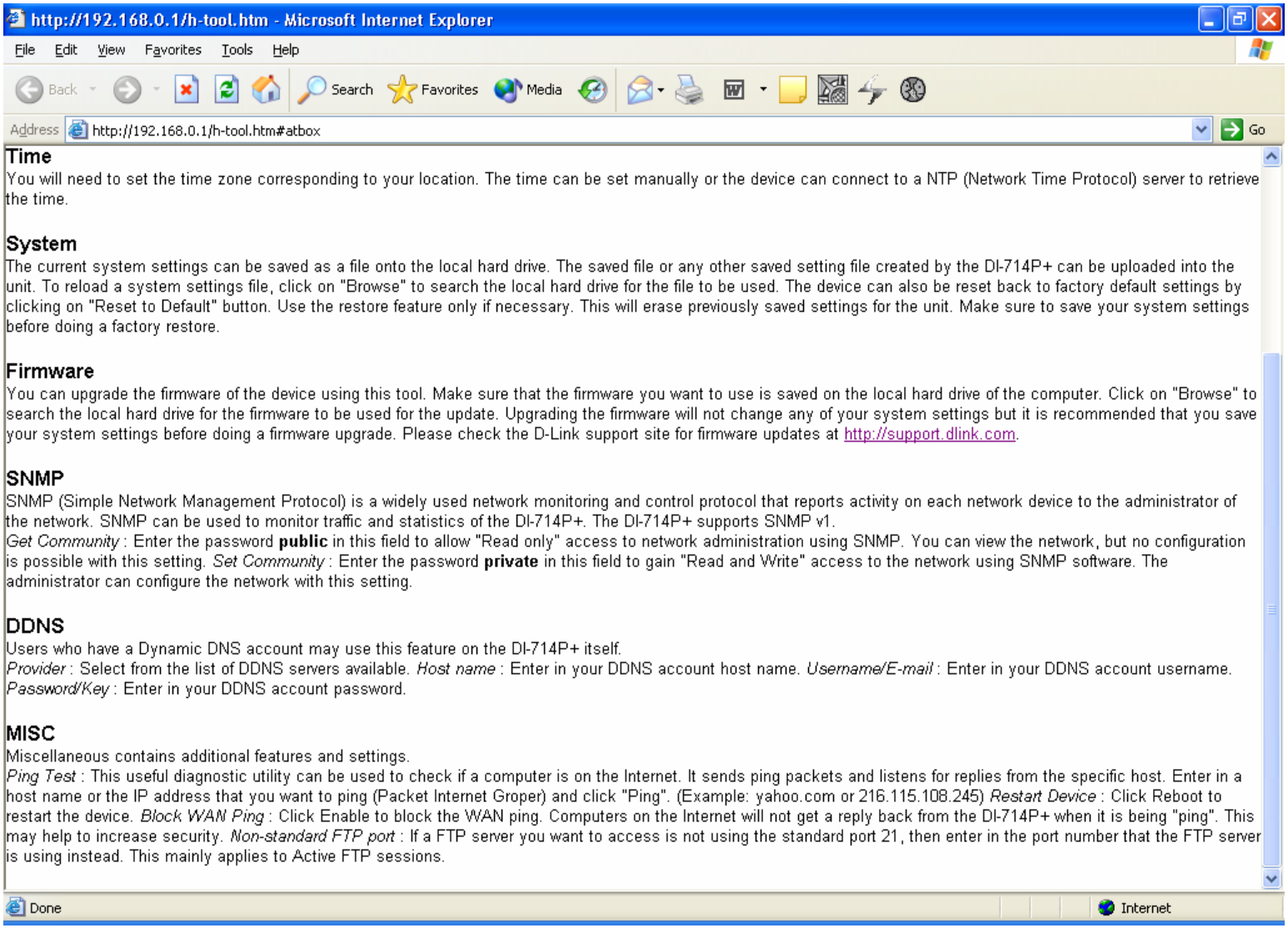
If you have a computer that cannot run Internet applications properly from behind the DI-714P+, then you can allow that computer to have unrestricted Internet access. Enter the IP address of that computer as a DMZ (Demilitarized Zone) host with unrestricted Internet access. Adding a client to the DMZ may expose that computer to a variety of security risks; so only use this option as a last resort.

Wireless Performance

You are able to change wireless performance settings. This is for advance users and it is not recommended to adjust these settings.

Beacon Interval : Beacons are packets sent by an Access Point to synchronize a wireless network. Specify a Beacon interval value between 1 and 1000. The default value is set to 100 milliseconds.
RTS Threshold : This value should remain at its default setting of 2432. If you encounter inconsistent data flow, only minor modifications to the value range between 256 and 2432 are recommended. The default value for RTS Threshold is set to 2432.
Fragmentation : This value should remain at its default setting of 2346. If you experience a high packet error rate, you may slightly increase your "Fragmentation" value within the value range of 256 to 2346. Setting the Fragmentation value too low may result in poor performance.
DTIM interval (beacon rate) : Enter a value between 1 and 65535 for the Delivery Traffic Indication Message (DTIM). A DTIM is a countdown informing clients of the next window for listening to broadcast and multicast messages. When the Access Point has buffered broadcast or multicast messages for associated clients, it sends the next DTIM with a DTIM Interval value. AP clients hear the beacons and awaken to receive the broadcast and multicast messages. The default value for DTIM interval is set to 3.
Transmission (TX) Rates : Select the basic transfer rates based on the speed of wireless adapters on the WLAN (wireless local area network).
Preamble Type : The Preamble Type defines the length of the CRC (Cyclic Redundancy Check) block for communication between the Access Point and roaming wireless adapters. Make sure to select the appropriate preamble type and click the Apply button.
Note : High network traffic areas should use the shorter preamble type. CRC is a common technique for detecting data transmission errors.
Authentication Type : For added security on the wireless network, when enabling Encryption, the Authentication type can also be selected. If Shared Key is selected, the Access Point will not be seen on the wireless network except to the wireless clients that share the same WEP key with MAC Addresses allowed access as specified in Filter List. If Open System is chosen, only the wireless clients with the same WEP key will be able to communicate on the wireless network, but the Access Point will be visible to all devices on the network. The default value for Authentication is set to "Auto".


http://192.168.0.1/h-tool.htm - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://192.168.0.1/h-tool.htm#atbox
Go
Tools
Admin
You can change the admin password here. It is recommended that you change the admin password from the original default setting. The default password is blank (nothing).
• Remote Management
Remote Management allows the device to be configured through the WAN (Wide Area Network) port from the Internet using a web browser. A username and password is still required to access the browser-based management interface.
IP Address: Internet IP address of the computer that has access to the DI-714P+. If the IP address is set to 0.0.0.0, this allows all Internet IP addresses to access the DI-714P+.
Port: The port number used to access the DI-714P+.
Example: http://x.x.x.x:8080 whereas x.x.x.x is the WAN IP address of the DI-714P+ and 8080 is the port used for the Web-Management interface.
Time
You will need to set the time zone corresponding to your location. The time can be set manually or the device can connect to a NTP (Network Time Protocol) server to retrieve the time.
System
The current system settings can be saved as a file onto the local hard drive. The saved file or any other saved setting file created by the DI-714P+ can be uploaded into the unit. To reload a system settings file, click on "Browse" to search the local hard drive for the file to be used. The device can also be reset back to factory default settings by clicking on "Reset to Default" button. Use the restore feature only if necessary. This will erase previously saved settings for the unit. Make sure to save your system settings before doing a factory restore.
Firmware
You can upgrade the firmware of the device using this tool. Make sure that the firmware you want to use is saved on the local hard drive of the computer. Click on "Browse" to search the local hard drive for the firmware to be used for the update. Upgrading the firmware will not change any of your system settings but it is recommended that you save your system settings before doing a firmware upgrade. Please check the D-Link support site for firmware updates at http://support.dlink.com.
SNMP
SNMP (Simple Network Management Protocol) is a widely used network monitoring and control protocol that reports activity on each network device to the administrator of the network. SNMP can be used to monitor traffic and statistics of the DI-714P+. The DI-714P+ supports SNMP v1.
Get Community : Enter the password public in this field to allow "Read only" access to network administration using SNMP. You can view the network, but no configuration is possible with this setting. Set Community : Enter the password private in this field to gain "Read and Write" access to the network using SNMP software. The administrator can configure the network with this setting.
Done
Internet


http://192.168.0.1/h-tool.htm - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://192.168.0.1/h-tool.htm#atbox
Go
Time
You will need to set the time zone corresponding to your location. The time can be set manually or the device can connect to a NTP (Network Time Protocol) server to retrieve the time.
System
The current system settings can be saved as a file onto the local hard drive. The saved file or any other saved setting file created by the DI-714P+ can be uploaded into the unit. To reload a system settings file, click on "Browse" to search the local hard drive for the file to be used. The device can also be reset back to factory default settings by clicking on "Reset to Default" button. Use the restore feature only if necessary. This will erase previously saved settings for the unit. Make sure to save your system settings before doing a factory restore.
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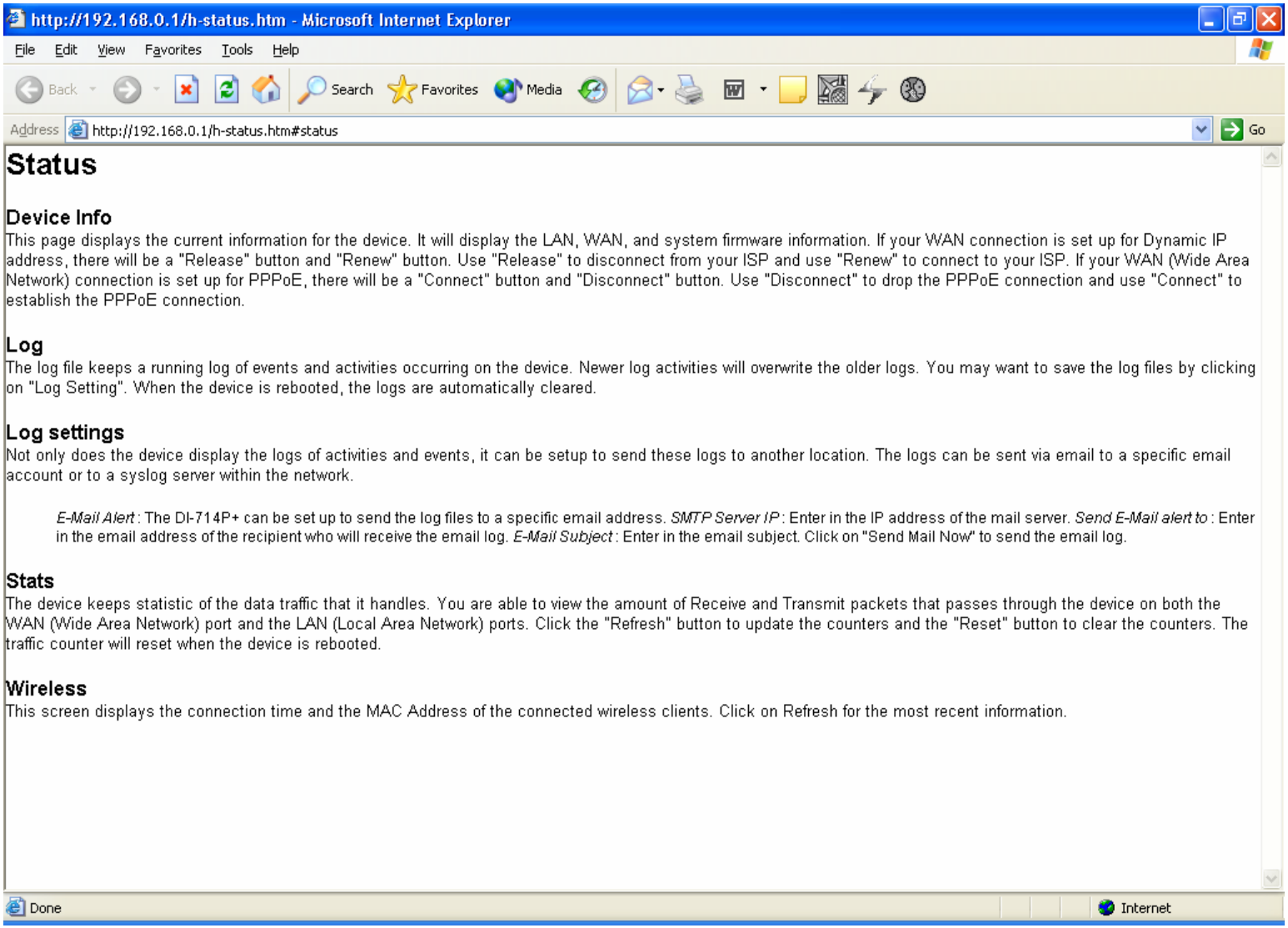
DDNS
Users who have a Dynamic DNS account may use this feature on the DI-714P+ itself.
Provider : Select from the list of DDNS servers available. Host name : Enter in your DDNS account host name. Username/E-mail : Enter in your DDNS account username. Password/Key : Enter in your DDNS account password.
MISC
Miscellaneous contains additional features and settings.
Ping Test : This useful diagnostic utility can be used to check if a computer is on the Internet. It sends ping packets and listens for replies from the specific host. Enter in a host name or the IP address that you want to ping (Packet Internet Groper) and click "Ping". (Example: yahoo.com or 216.115.108.245) Restart Device : Click Reboot to restart the device. Block WAN Ping : Click Enable to block the WAN ping. Computers on the Internet will not get a reply back from the DI-714P+ when it is being "ping". This may help to increase security. Non-standard FTP port : If a FTP server you want to access is not using the standard port 21, then enter in the port number that the FTP server is using instead. This mainly applies to Active FTP sessions.
Done
Internet


http://192.168.0.1/h-status.htm - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://192.168.0.1/h-status.htm#status
Go
Status
Device Info
This page displays the current information for the device. It will display the LAN, WAN, and system firmware information. If your WAN connection is set up for Dynamic IP address, there will be a "Release" button and "Renew" button. Use "Release" to disconnect from your ISP and use "Renew" to connect to your ISP. If your WAN (Wide Area Network) connection is set up for PPPoE, there will be a "Connect" button and "Disconnect" button. Use "Disconnect" to drop the PPPoE connection and use "Connect" to establish the PPPoE connection.
Log
The log file keeps a running log of events and activities occurring on the device. Newer log activities will overwrite the older logs. You may want to save the log files by clicking on "Log Setting". When the device is rebooted, the logs are automatically cleared.
Log settings
Not only does the device display the logs of activities and events, it can be setup to send these logs to another location. The logs can be sent via email to a specific email account or to a syslog server within the network.
E-Mail Alert : The DI-714P+ can be set up to send the log files to a specific email address. SMTP Server IP : Enter in the IP address of the mail server. Send E-Mail alert to : Enter in the email address of the recipient who will receive the email log. E-Mail Subject : Enter in the email subject. Click on "Send Mail Now" to send the email log.
Stats
The device keeps statistic of the data traffic that it handles. You are able to view the amount of Receive and Transmit packets that passes through the device on both the WAN (Wide Area Network) port and the LAN (Local Area Network) ports. Click the "Refresh" button to update the counters and the "Reset" button to clear the counters. The traffic counter will reset when the device is rebooted.
Wireless
This screen displays the connection time and the MAC Address of the connected wireless clients. Click on Refresh for the most recent information.
Done
Internet

FAQs (Frequently Asked Questions)

Q1: I have problem connecting to the web-management interface.
Q2: The DI-714P+ has successfully connected to the ISP (from the connection status shown in the Device Information screen) but I cannot surf the Internet.
Q3: The DI-714P+ has problems getting IP settings from the ISP
Q4: If all else fails, what can I do?
Q5: Does the home Internet gateway support PPP over Ethernet (PPPoE)?
Q6: How will I be notified of new firmware upgrades?
Q7: Does it matter if I use a Dynamic IP address or Static IP address for my computer?
Q8: Does the DI-714P+ support VPN?
Q9: Does the DI-714P+ prevent hacker attacks?
Q10: Why can't I connect to the DI-714P+ wirelessly?
Q11: Should D-Link 802.11b wireless products communicate with the DI-714P+ out of box?

Q1: I have problem connecting to the web-management interface.

1. Check that the power LED in the front of the DI-714P+ is ON.
2. Check that the link light status of the Ethernet port used by your computer is ON.
3. Check your computer's network settings - verify that your TCP/IP settings are correct. In windows 95/98, you can type **winipcfg** in the DOS prompt. In windows XP/NT/2000, you can type **ipconfig** in DOS prompt.
4. Check to see that your computer's IP address is in the same network as the DI-714P+. The computer's IP address should be in the range from 192.168.0.2 to 192.168.0.254.
5. Type http://192.168.0.1 in your browser's URL interface.

Q2: The DI-714P+ has successfully connected to the ISP (from the connection status shown in the Device Information screen) but I cannot surf the Internet.

1. Check if your computer's IP settings are correct.
a. Your computer's IP address should be in the range from 192.168.0.2 to 192.168.0.254.
b. Your computer's network mask should be 255.255.255.0.
c. Your computer's gateway should be 192.168.0.1 (The IP address of the DI-714P+).
d. Your computer's DNS IP settings should be a valid ISP DNS server IP address.
2. Try to ping an existing Internet IP, ex: the DNS IP address.

Q3: The DI-714P+ has problems getting IP settings from the ISP

1. Make sure that your Cable or DSL modem is connected properly.
2. Try resetting your Cable or DSL modem by powering the modem off and on.
3. If you are using Dynamic IP addressing, make sure that your Cable or DSL modem is DHCP capable.
4. Some Internet Service Providers (ISP) require a MAC address to be registered with them. In this case, make sure you specify the correct WAN Ethernet MAC address required by the ISP under "Home" > "WAN" > "Dynamic IP address".
5. If your connection is DSL and your ISP requires you to input username and password, then your connection is a PPPoE connection. To connect to the ISP's PPPoE server, you have to input your PPPoE username/password from "Home" > "WAN" > "PPPoE".
6. If your connection is Cable and your ISP requires you to input a specific host computer name, you have to input the host computer name from "Home" > "WAN" > "Dynamic IP address".

Q4: If all else fails, what can I do?

1. Reset your Cable modem or DSL modem by powering the unit off and on.
2. Reset the DI-714P+ back to factory default settings in "Tools" -> "System Settings".
3. Reconfigure the device using the "Setup Wizard".

Q5: Does the home internet gateway support PPP over Ethernet (PPPoE)?

4. Some Internet Service Providers (ISP) require a MAC address to be registered with them. In this case, make sure you specify the correct WAN Ethernet MAC address required by the ISP under "Home" > "WAN" > "Dynamic IP address".
5. If your connection is DSL and your ISP requires you to input username and password, then your connection is a PPPoE connection. To connect to the ISP's PPPoE server, you have to input your PPPoE username/password from "Home" > "WAN" > "PPPoE".
6. If your connection is Cable and your ISP requires you to input a specific host computer name, you have to input the host computer name from "Home" > "WAN" > "Dynamic IP address".

Q4: If all else fails, what can I do?
1. Reset your Cable modem or DSL modem by powering the unit off and on.
2. Reset the DI-714P+ back to factory default settings in "Tools" -> "System Settings".
3. Reconfigure the device using the "Setup Wizard".

Q5: Does the home internet gateway support PPP over Ethernet (PPPoE)?
Yes, the router does support PPPoE. To setup PPPoE support:
1. Enter the web-based management utility by typing "http://192.168.0.1" in your web browser's address line. Press Enter
2. After logging in go to "Home" > "WAN" > "PPPoE"
3. Enter the username and password provided by your ISP.
4. Click Apply to save the settings.
5. Go to "Device Information" to ensure that PPPoE is enabled and that the status is connected.

Q6: How will I be notified of new firmware upgrades?
All new firmware will be posted on D-Link support website at http://support.dlink.com, where they can be downloaded for free.

Q7: Does it matter if I use a Dynamic IP address or Static IP address for my computer?
No, the DI-714P+ can be configured for either case. For Static IP address, you have to make sure of the following:
1. The IP address is in the range from 192.168.0.2 to 192.168.0.254.
2. The network mask is 255.255.255.0.
3. The gateway is 192.168.0.1.
4. The DNS server IP address is correctly setup.
For dynamic IP setting, you can check if your computer has successfully acquired IP settings from the DI-714P+. We strongly recommend that your computer is setup to acquire IP settings from the DI-714P+ DHCP server.

Q8: Does the DI-714P+ support VPN?
Yes, the DI-714P+ supports VPN (PPTP pass-through and IPSec pass-through). The DI-714P+ supports multiple concurrent VPN sessions.

Q9: Does the DI-714P+ prevent hacker attacks?
Yes, DI-714P+ supports hacker attack logging and will be able to log most recent attacked hacker patterns. You can view the logs at "Status" > "Log".

Q10: Why can't I connect to the DI-714P+ wirelessly?
Make sure that you have the correct SSID set. Also make sure that you are running on the same channel. Also, if you are using encryption make sure that you are on the same Key as the DI-714P+ or have the same passphrase set.

Q11: Should D-Link 802.11b wireless products communicate with the DI-714P+ out of box?
Yes, all D-Link 802.11b have the same default settings. The SSID is set to default and the channel is set to 6.