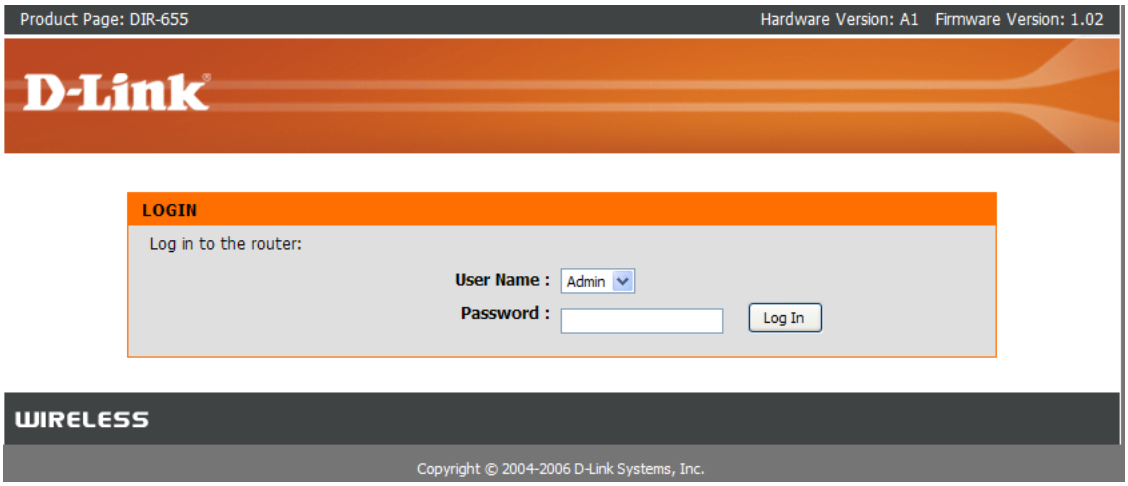
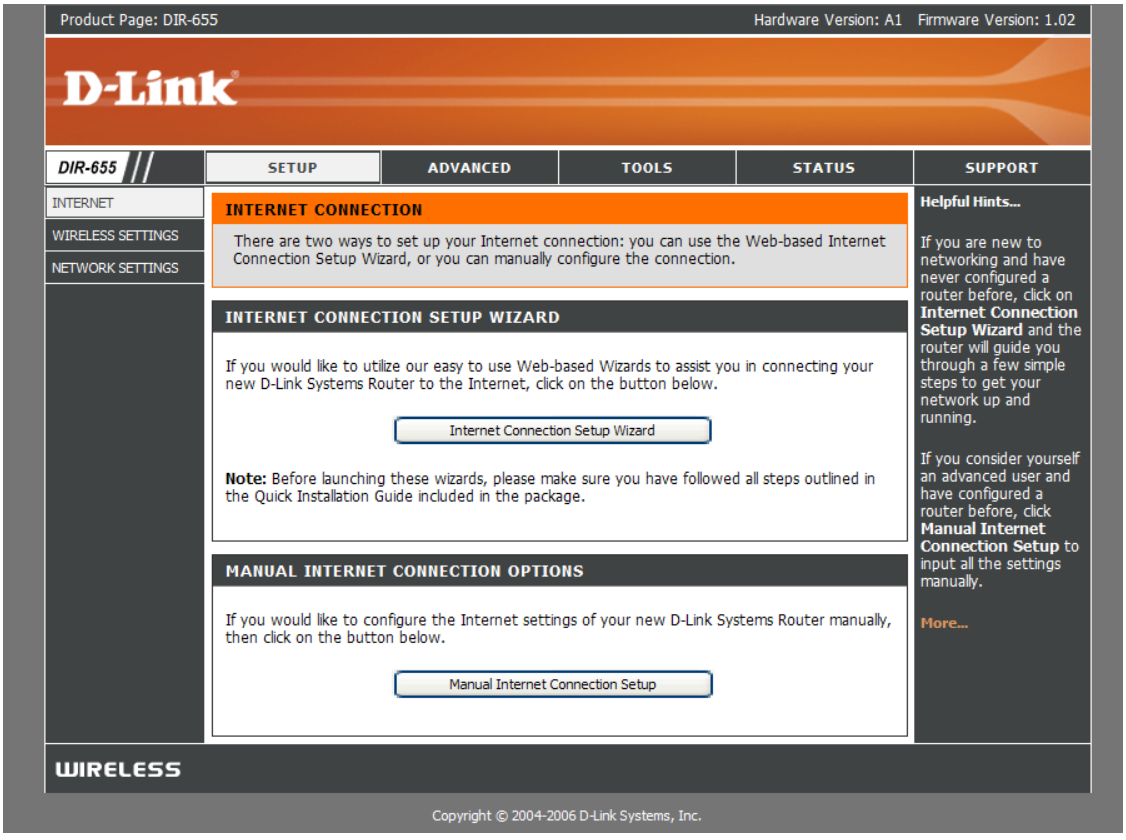
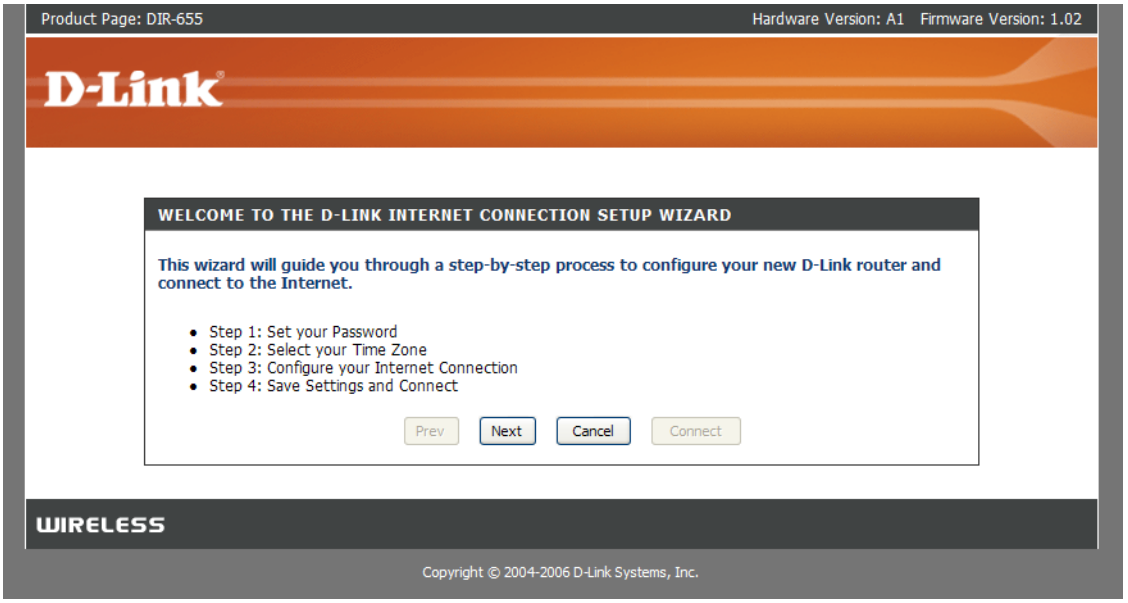
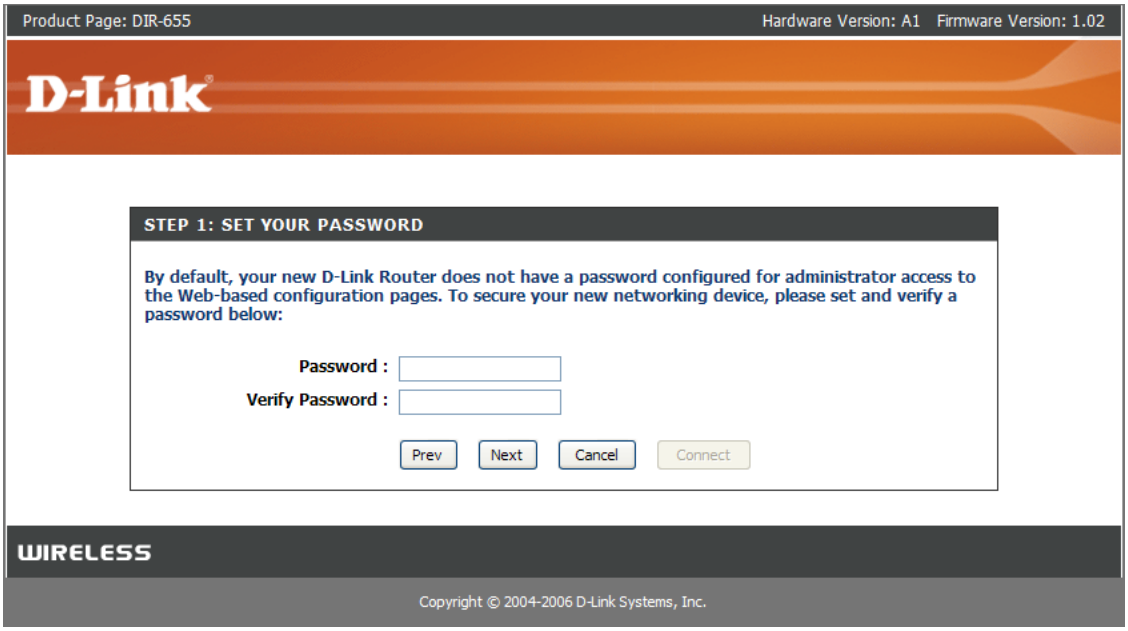
DIR-655 Screenshots
f/w: 1.02
h/w: A2






Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
WELCOME TO THE D-LINK INTERNET CONNECTION SETUP WIZARD
This wizard will guide you through a step-by-step process to configure your new D-Link router and connect to the Internet.
Step 1: Set your Password
Step 2: Select your Time Zone
Step 3: Configure your Internet Connection
Step 4: Save Settings and Connect
Prev
Next
Cancel
Connect
WIRELESS
Copyright © 2004-2006 D-Link Systems, Inc.


Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
STEP 1: SET YOUR PASSWORD
By default, your new D-Link Router does not have a password configured for administrator access to the Web-based configuration pages. To secure your new networking device, please set and verify a password below:
Password :
Verify Password :
Prev
Next
Cancel
Connect
WIRELESS
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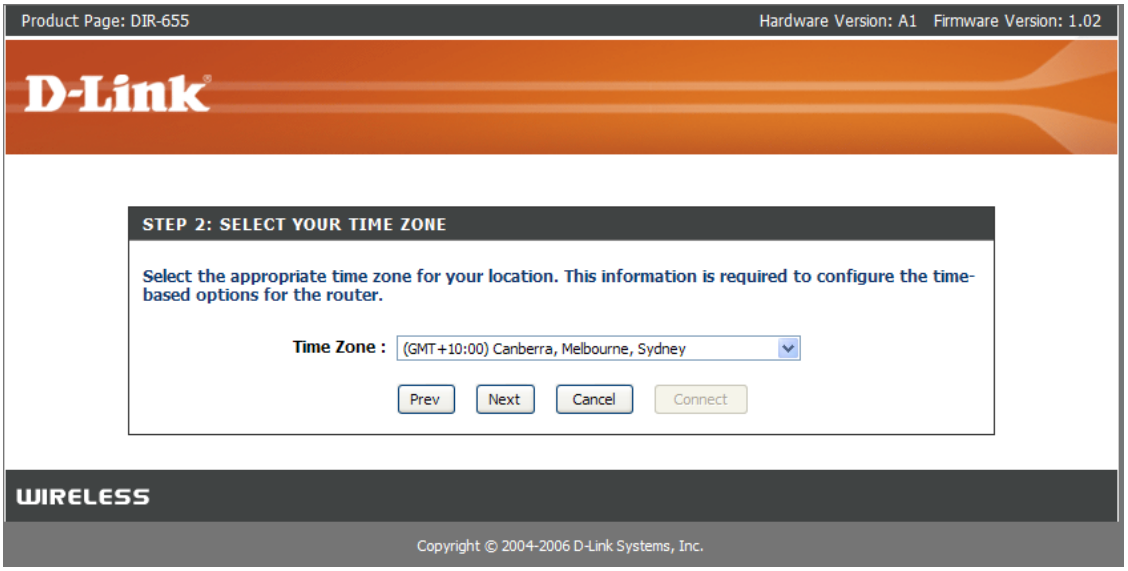
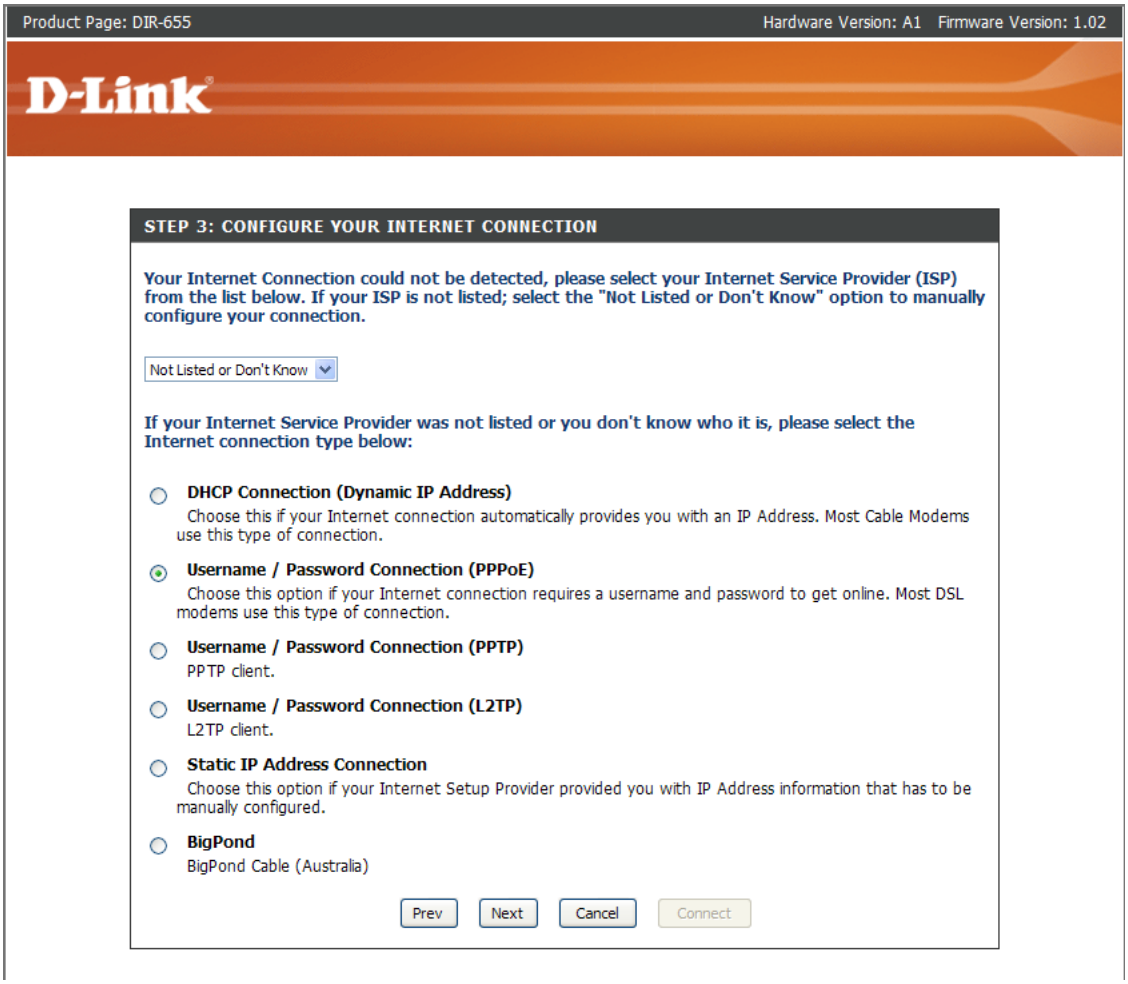

Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
STEP 2: SELECT YOUR TIME ZONE
Select the appropriate time zone for your location. This information is required to configure the time-based options for the router.
Time Zone :
(GMT+10:00) Canberra, Melbourne, Sydney
Prev
Next
Cancel
Connect
WIRELESS
Copyright © 2004-2006 D-Link Systems, Inc.


Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
STEP 3: CONFIGURE YOUR INTERNET CONNECTION
Your Internet Connection could not be detected, please select your Internet Service Provider (ISP) from the list below. If your ISP is not listed; select the "Not Listed or Don't Know" option to manually configure your connection.
Not Listed or Don't Know
If your Internet Service Provider was not listed or you don't know who it is, please select the Internet connection type below:
DHCP Connection (Dynamic IP Address)
Choose this if your Internet connection automatically provides you with an IP Address. Most Cable Modems use this type of connection.
Username / Password Connection (PPPoE)
Choose this option if your Internet connection requires a username and password to get online. Most DSL modems use this type of connection.
Username / Password Connection (PPTP)
PPTP client.
Username / Password Connection (L2TP)
L2TP client.
Static IP Address Connection
Choose this option if your Internet Setup Provider provided you with IP Address information that has to be manually configured.
BigPond
BigPond Cable (Australia)
Prev
Next
Cancel
Connect

SET USERNAME AND PASSWORD CONNECTION (PPPOE)

To set up this connection you will need to have a Username and Password from your Internet Service Provider. If you do not have this information, please contact your ISP.

Address Mode :	Dynamic IP / Static IP
IP Address :	0.0.0.0
User Name :	
Password :	•••••
Verify Password :	•••••
Service Name :	(optional)

Note: You may also need to provide a Service Name. If you do not have or know this information, please contact your ISP.

Prev | Next | Cancel | Connect

SETUP COMPLETE!

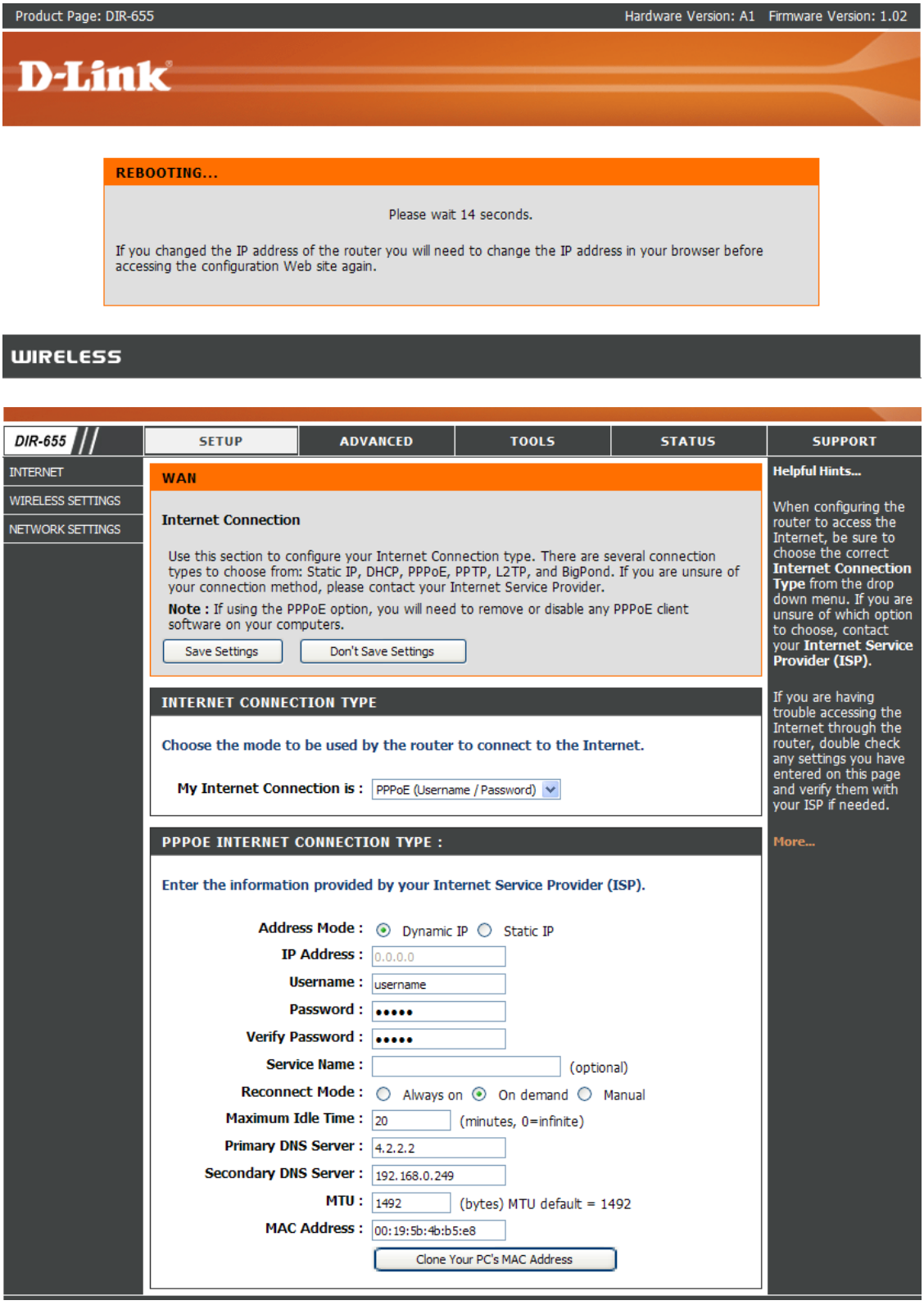
The Internet Connection Setup Wizard has completed. Click the Connect button to save your settings and reboot the router.

Prev | Next | Cancel | Connect

REBOOT NEEDED

Your changes have been saved. The router must be rebooted for the changes to take effect. You can reboot now, or you can continue to make other changes and reboot later.

Reboot Now | Reboot Later


Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
REBOOTING...
Please wait 14 seconds.
If you changed the IP address of the router you will need to change the IP address in your browser before accessing the configuration Web site again.
WIRELESS
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
INTERNET
WIRELESS SETTINGS
NETWORK SETTINGS
WAN
Internet Connection
Use this section to configure your Internet Connection type. There are several connection types to choose from: Static IP, DHCP, PPPoE, PPTP, L2TP, and BigPond. If you are unsure of your connection method, please contact your Internet Service Provider.
Note : If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers.
Save Settings
Don't Save Settings
INTERNET CONNECTION TYPE
Choose the mode to be used by the router to connect to the Internet.
My Internet Connection is : PPPoE (Username / Password)
PPPOE INTERNET CONNECTION TYPE :
Enter the information provided by your Internet Service Provider (ISP).
Address Mode : Dynamic IP Static IP
IP Address : 0.0.0.0
Username : username
Password : •••••
Verify Password : •••••
Service Name : (optional)
Reconnect Mode : Always on On demand Manual
Maximum Idle Time : 20 (minutes, 0=infinite)
Primary DNS Server : 4.2.2.2
Secondary DNS Server : 192.168.0.249
MTU : 1492 (bytes) MTU default = 1492
MAC Address : 00:19:5b:4b:b5:e8
Clone Your PC's MAC Address
Helpful Hints...
When configuring the router to access the Internet, be sure to choose the correct Internet Connection Type from the drop down menu. If you are unsure of which option to choose, contact your Internet Service Provider (ISP).
If you are having trouble accessing the Internet through the router, double check any settings you have entered on this page and verify them with your ISP if needed.
More...

Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
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INTERNET
WIRELESS SETTINGS
NETWORK SETTINGS
WAN
Internet Connection
Use this section to configure your Internet Connection type. There are several connection types to choose from: Static IP, DHCP, PPPoE, PPTP, L2TP, and BigPond. If you are unsure of your connection method, please contact your Internet Service Provider.
Note : If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers.
Save Settings
Don't Save Settings
INTERNET CONNECTION TYPE
Choose the mode to be used by the router to connect to the Internet.
My Internet Connection is : Static IP
STATIC IP ADDRESS INTERNET CONNECTION TYPE :
Enter the static address information provided by your Internet Service Provider (ISP).
IP Address : 192.168.10.103
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.10.254
Primary DNS Server : 4.2.2.2
Secondary DNS Server : 192.168.0.249
MTU : 1500 (bytes) MTU default = 1500
MAC Address : 00:19:5b:4b:b5:e8
Clone Your PC's MAC Address
Helpful Hints...
When configuring the router to access the Internet, be sure to choose the correct Internet Connection Type from the drop down menu. If you are unsure of which option to choose, contact your Internet Service Provider (ISP).
If you are having trouble accessing the Internet through the router, double check any settings you have entered on this page and verify them with your ISP if needed.
More...
WIRELESS

Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
DIR-655
SETUP
ADVANCED
TOOLS
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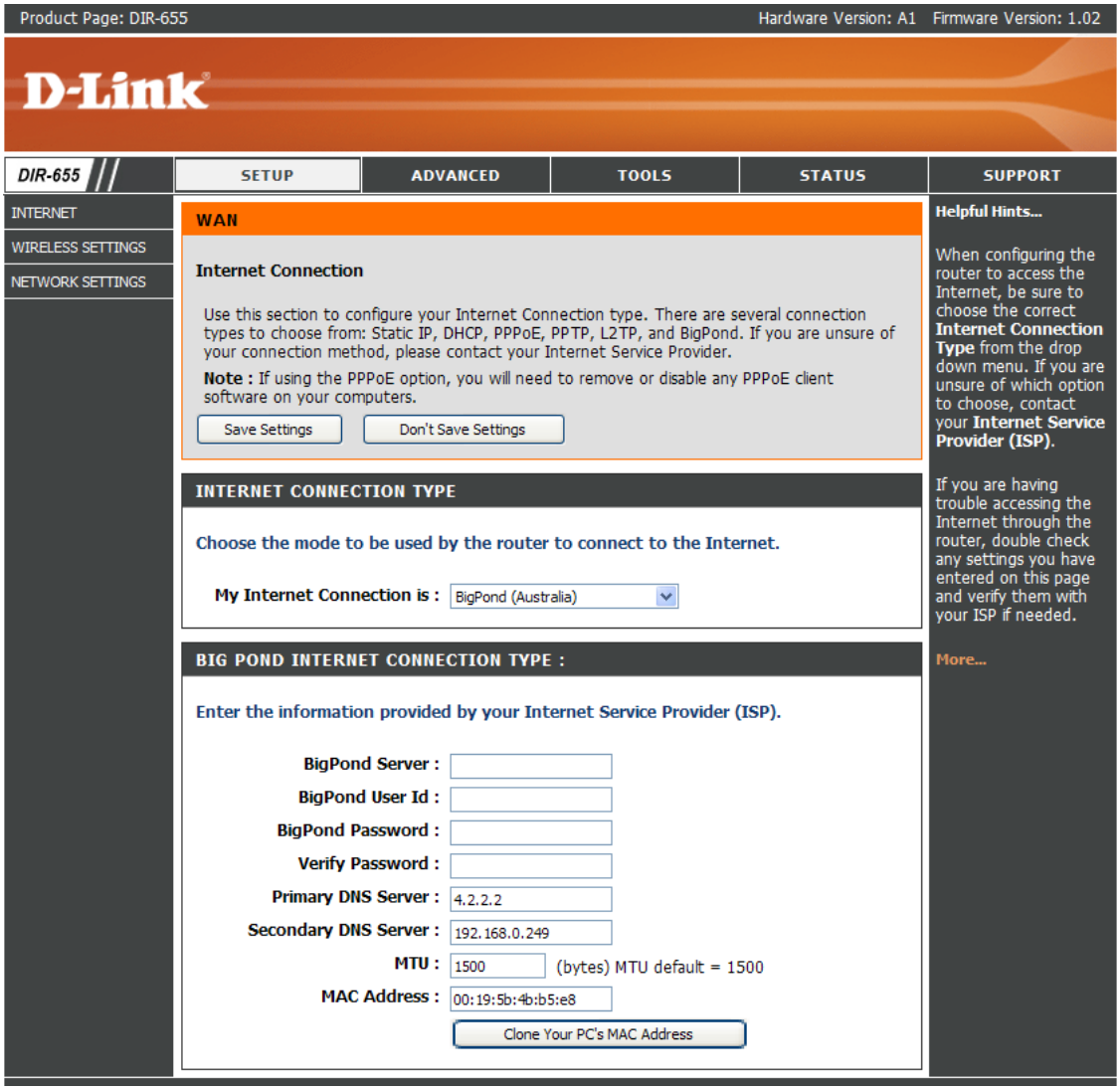
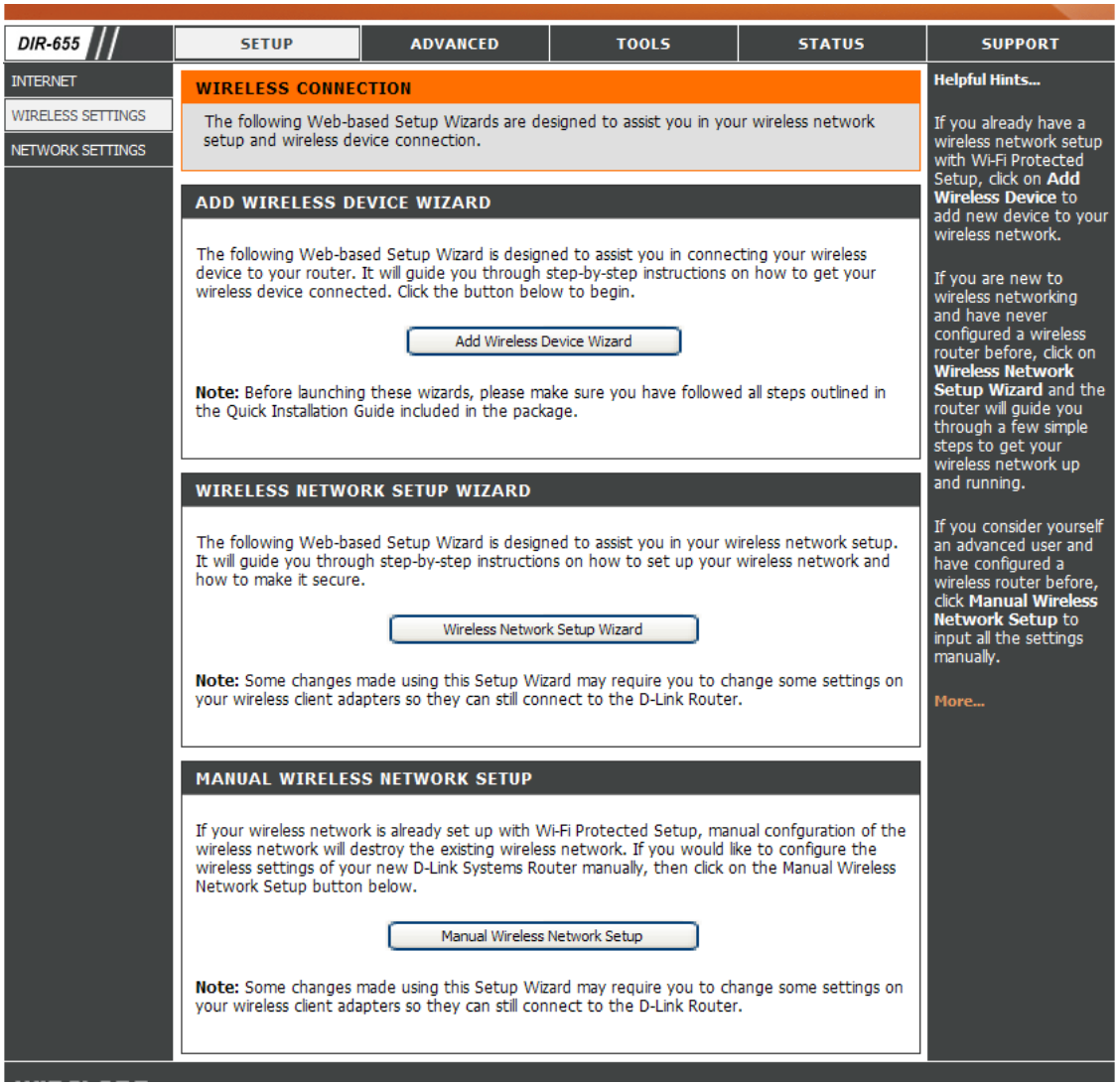
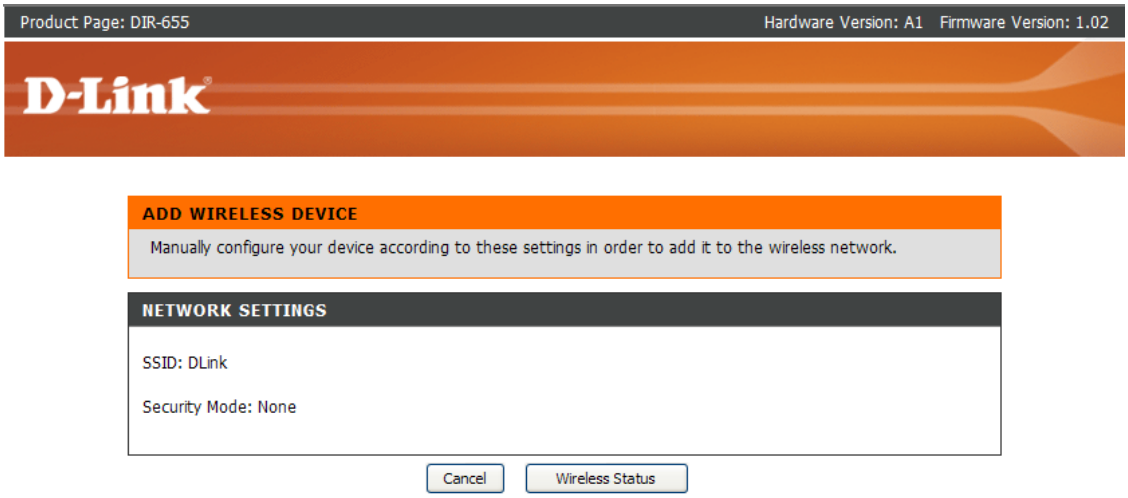
INTERNET
WIRELESS SETTINGS
NETWORK SETTINGS
WAN
Internet Connection
Use this section to configure your Internet Connection type. There are several connection types to choose from: Static IP, DHCP, PPPoE, PPTP, L2TP, and BigPond. If you are unsure of your connection method, please contact your Internet Service Provider.
Note : If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers.
Save Settings
Don't Save Settings
INTERNET CONNECTION TYPE
Choose the mode to be used by the router to connect to the Internet.
My Internet Connection is : Dynamic IP (DHCP)
DYNAMIC IP (DHCP) INTERNET CONNECTION TYPE :
Use this Internet connection type if your Internet Service Provider (ISP) didn't provide you with IP Address information and/or a username and password.
Host Name :
Use Unicasting : (compatibility for some DHCP Servers)
Primary DNS Server : 4.2.2.2
Secondary DNS Server : 192.168.0.249
MTU : 1500 (bytes) MTU default = 1500
MAC Address : 00:19:5b:4b:b5:e8
Clone Your PC's MAC Address
Helpful Hints...
When configuring the router to access the Internet, be sure to choose the correct Internet Connection Type from the drop down menu. If you are unsure of which option to choose, contact your Internet Service Provider (ISP).
If you are having trouble accessing the Internet through the router, double check any settings you have entered on this page and verify them with your ISP if needed.
More...


Product Page: DIR-655
Hardware Version: A1
Firmware Version: 1.02
D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
INTERNET
WIRELESS SETTINGS
NETWORK SETTINGS
WAN
Internet Connection
Use this section to configure your Internet Connection type. There are several connection types to choose from: Static IP, DHCP, PPPoE, PPTP, L2TP, and BigPond. If you are unsure of your connection method, please contact your Internet Service Provider.
Note : If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers.
Save Settings
Don't Save Settings
INTERNET CONNECTION TYPE
Choose the mode to be used by the router to connect to the Internet.
My Internet Connection is :
BigPond (Australia)
BIG POND INTERNET CONNECTION TYPE :
Enter the information provided by your Internet Service Provider (ISP).
BigPond Server :
BigPond User Id :
BigPond Password :
Verify Password :
Primary DNS Server :
4.2.2.2
Secondary DNS Server :
192.168.0.249
MTU :
1500
(bytes) MTU default = 1500
MAC Address :
00:19:5b:4b:b5:e8
Clone Your PC's MAC Address
Helpful Hints...
When configuring the router to access the Internet, be sure to choose the correct Internet Connection Type from the drop down menu. If you are unsure of which option to choose, contact your Internet Service Provider (ISP).
If you are having trouble accessing the Internet through the router, double check any settings you have entered on this page and verify them with your ISP if needed.
More...


DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
INTERNET
WIRELESS SETTINGS
NETWORK SETTINGS
WIRELESS CONNECTION
The following Web-based Setup Wizards are designed to assist you in your wireless network setup and wireless device connection.
ADD WIRELESS DEVICE WIZARD
The following Web-based Setup Wizard is designed to assist you in connecting your wireless device to your router. It will guide you through step-by-step instructions on how to get your wireless device connected. Click the button below to begin.
Add Wireless Device Wizard
Note: Before launching these wizards, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.
WIRELESS NETWORK SETUP WIZARD
The following Web-based Setup Wizard is designed to assist you in your wireless network setup. It will guide you through step-by-step instructions on how to set up your wireless network and how to make it secure.
Wireless Network Setup Wizard
Note: Some changes made using this Setup Wizard may require you to change some settings on your wireless client adapters so they can still connect to the D-Link Router.
MANUAL WIRELESS NETWORK SETUP
If your wireless network is already set up with Wi-Fi Protected Setup, manual confguration of the wireless network will destroy the existing wireless network. If you would like to configure the wireless settings of your new D-Link Systems Router manually, then click on the Manual Wireless Network Setup button below.
Manual Wireless Network Setup
Note: Some changes made using this Setup Wizard may require you to change some settings on your wireless client adapters so they can still connect to the D-Link Router.
Helpful Hints...
If you already have a wireless network setup with Wi-Fi Protected Setup, click on Add Wireless Device to add new device to your wireless network.
If you are new to wireless networking and have never configured a wireless router before, click on Wireless Network Setup Wizard and the router will guide you through a few simple steps to get your wireless network up and running.
If you consider yourself an advanced user and have configured a wireless router before, click Manual Wireless Network Setup to input all the settings manually.
More...


Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
ADD WIRELESS DEVICE
Manually configure your device according to these settings in order to add it to the wireless network.
NETWORK SETTINGS
SSID: DLink
Security Mode: None
Cancel
Wireless Status
WIRELESS

Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
WELCOME TO THE D-LINK WIRELESS SECURITY SETUP WIZARD
This wizard will guide you through a step-by-step process to setup your wireless network and make it secure.
Step 1: Name your Wireless Network
Step 2: Secure your Wireless Network
Step 3: Set your Wireless Security Password
Prev
Next
Cancel
Save
WIRELESS

STEP 1: NAME YOUR WIRELESS NETWORK

Your wireless network needs a name so it can be easily recognized by wireless clients. For security purposes, it is highly recommended to change the pre-configured network name of [dlink].

Wireless Network Name (SSID) : DLink

Prev | Next | Cancel | Save

STEP 2: SECURE YOUR WIRELESS NETWORK

In order to protect your network from hackers and unauthorized users, it is highly recommended you choose one of the following wireless network security settings.

There are several levels of wireless security. The level you choose depends on the security features your wireless adapters support.

BEST	Select this option if your wireless adapters SUPPORT WPA2
BETTER	Select this option if your wireless adapters SUPPORT WPA
GOOD	Select this option if your wireless adapters DO NOT SUPPORT WPA
NONE	Select this option if you do not want to activate any security features

Note: All D-Link wireless adapters currently support WPA.

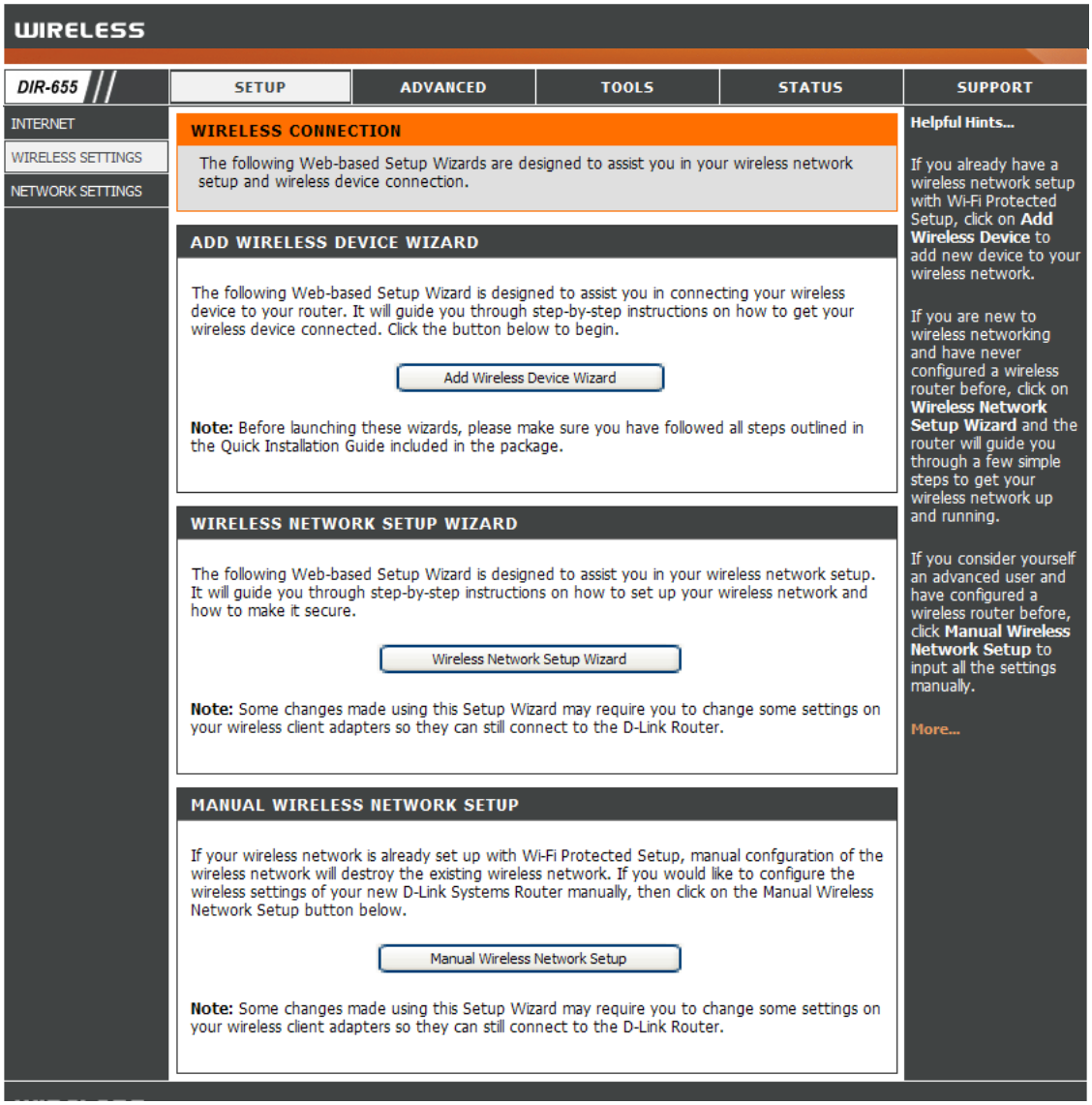
Prev | Next | Cancel | Save

SETUP COMPLETE!

Below is a detailed summary of your wireless security settings. Please print this page out, or write the information on a piece of paper, so you can configure the correct settings on your wireless client adapters.

Wireless Network Name (SSID) : DLink

Prev | Next | Cancel | Save



D-Link
DIR-655
SETUP
ADVANCED
TOOLS
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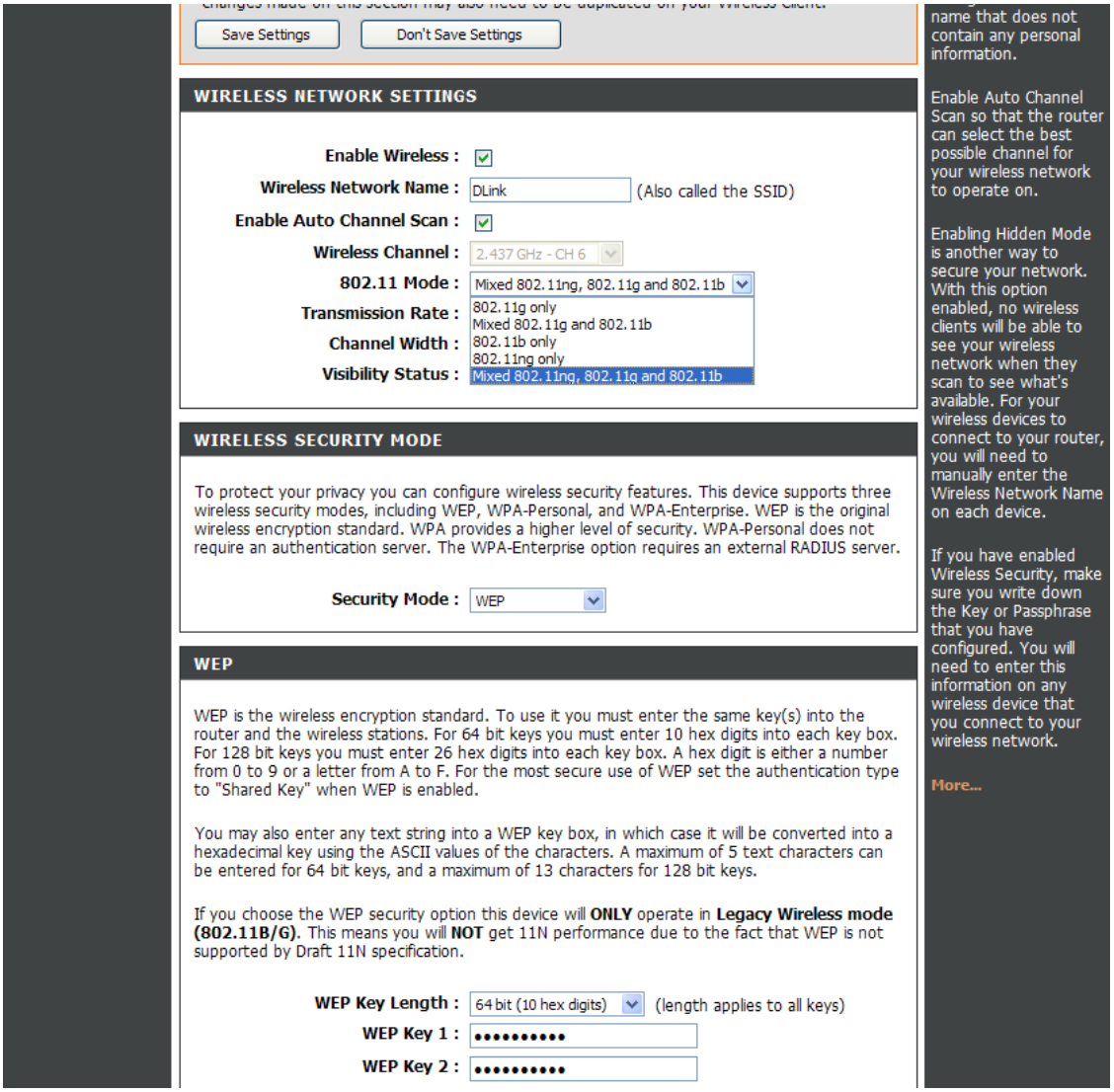
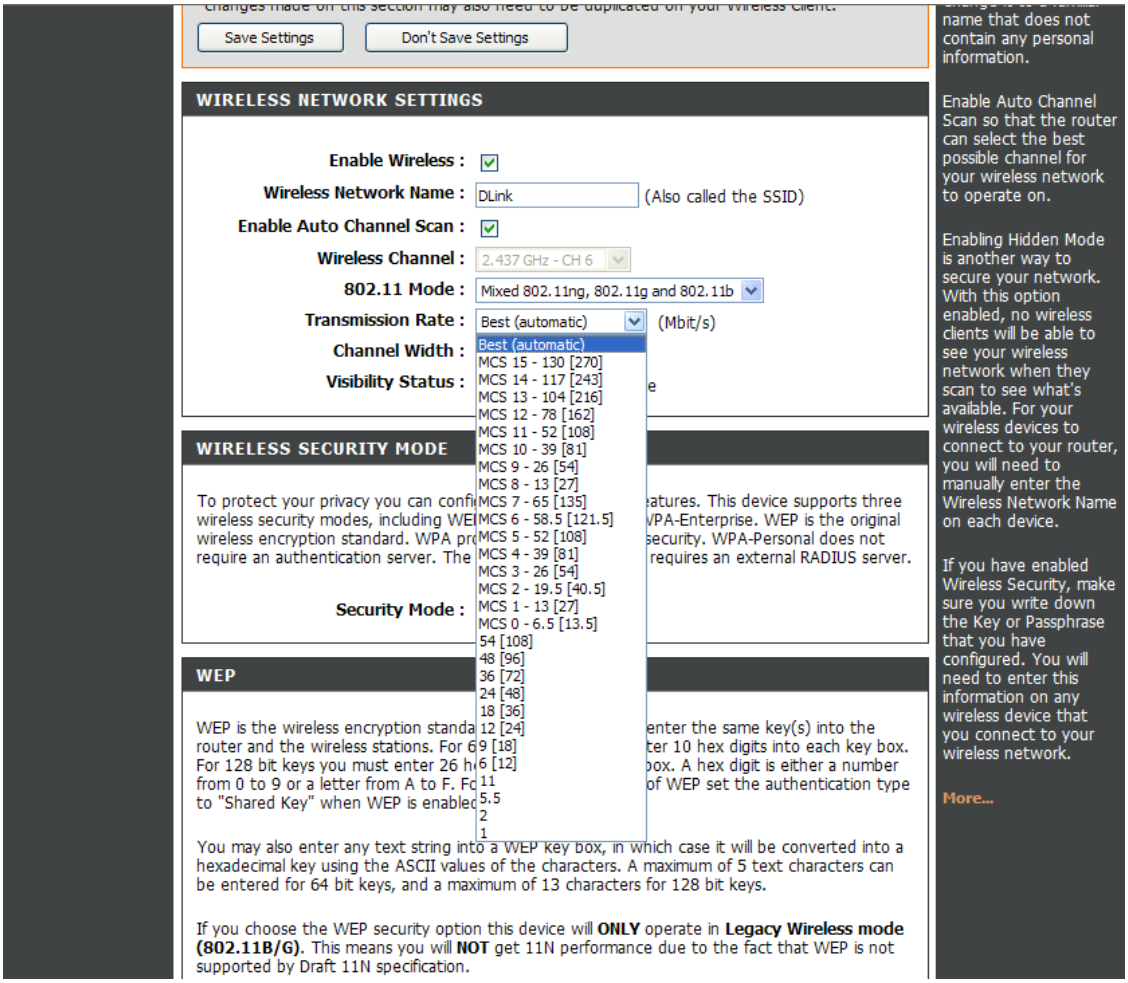
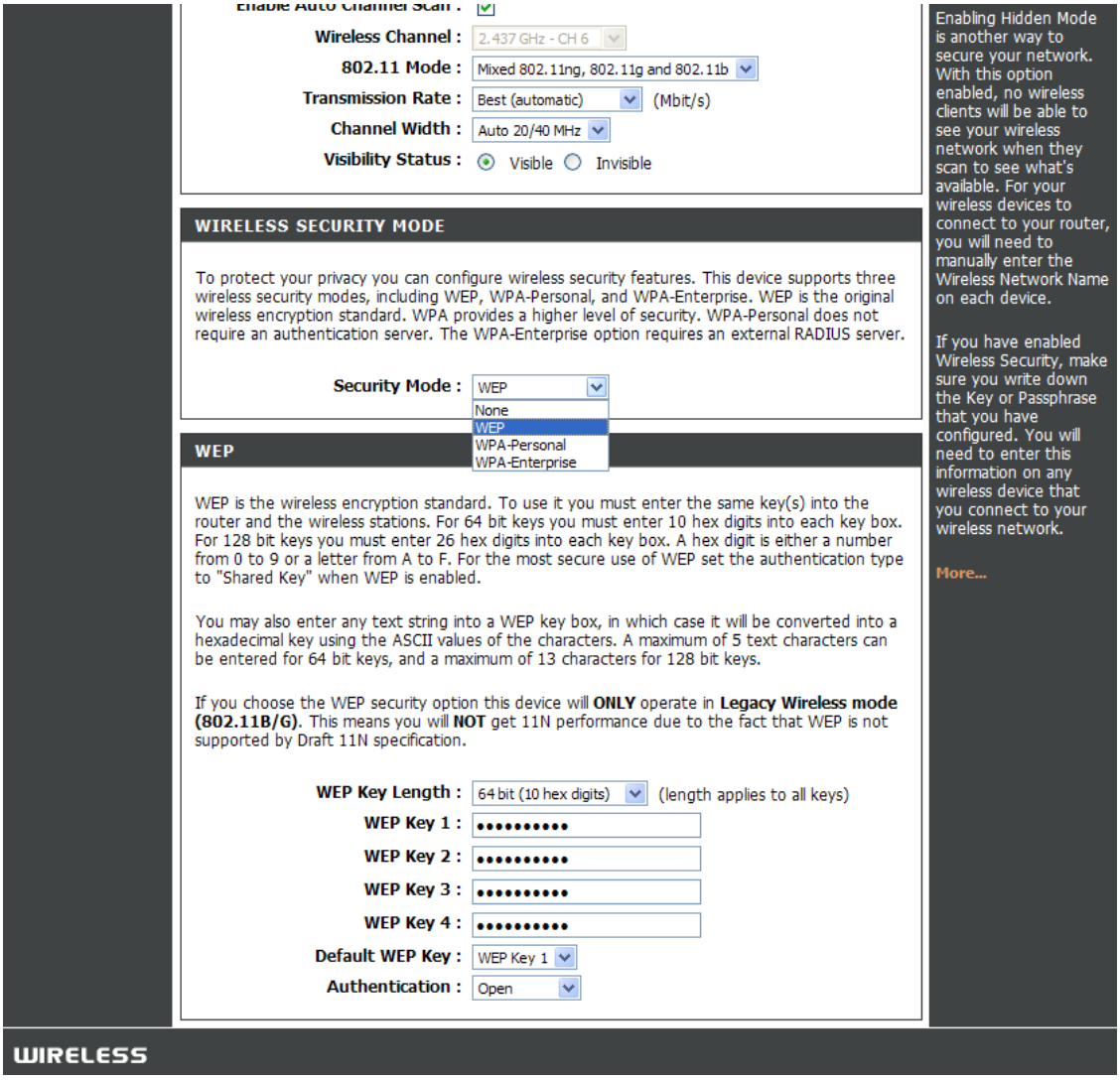
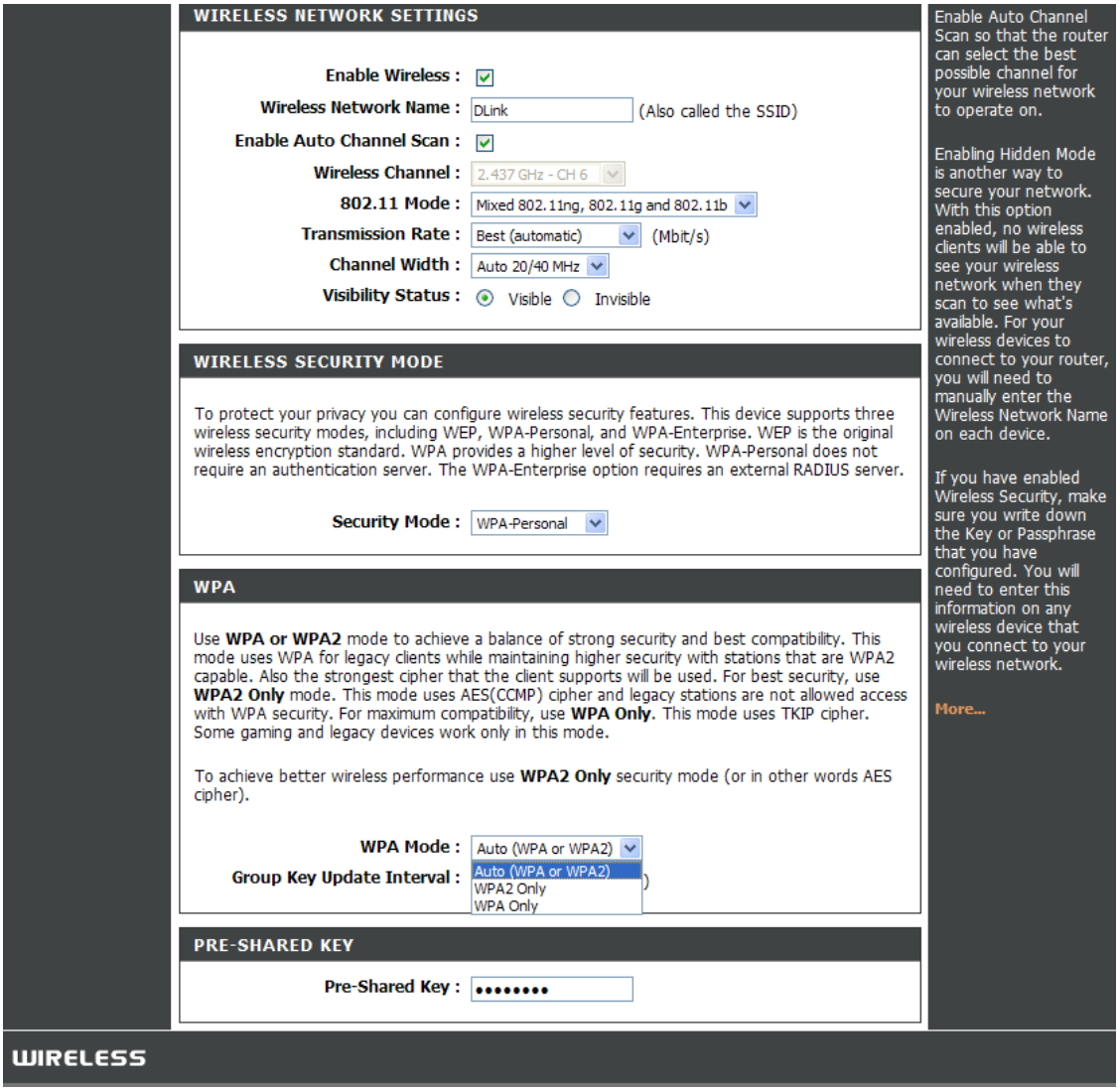
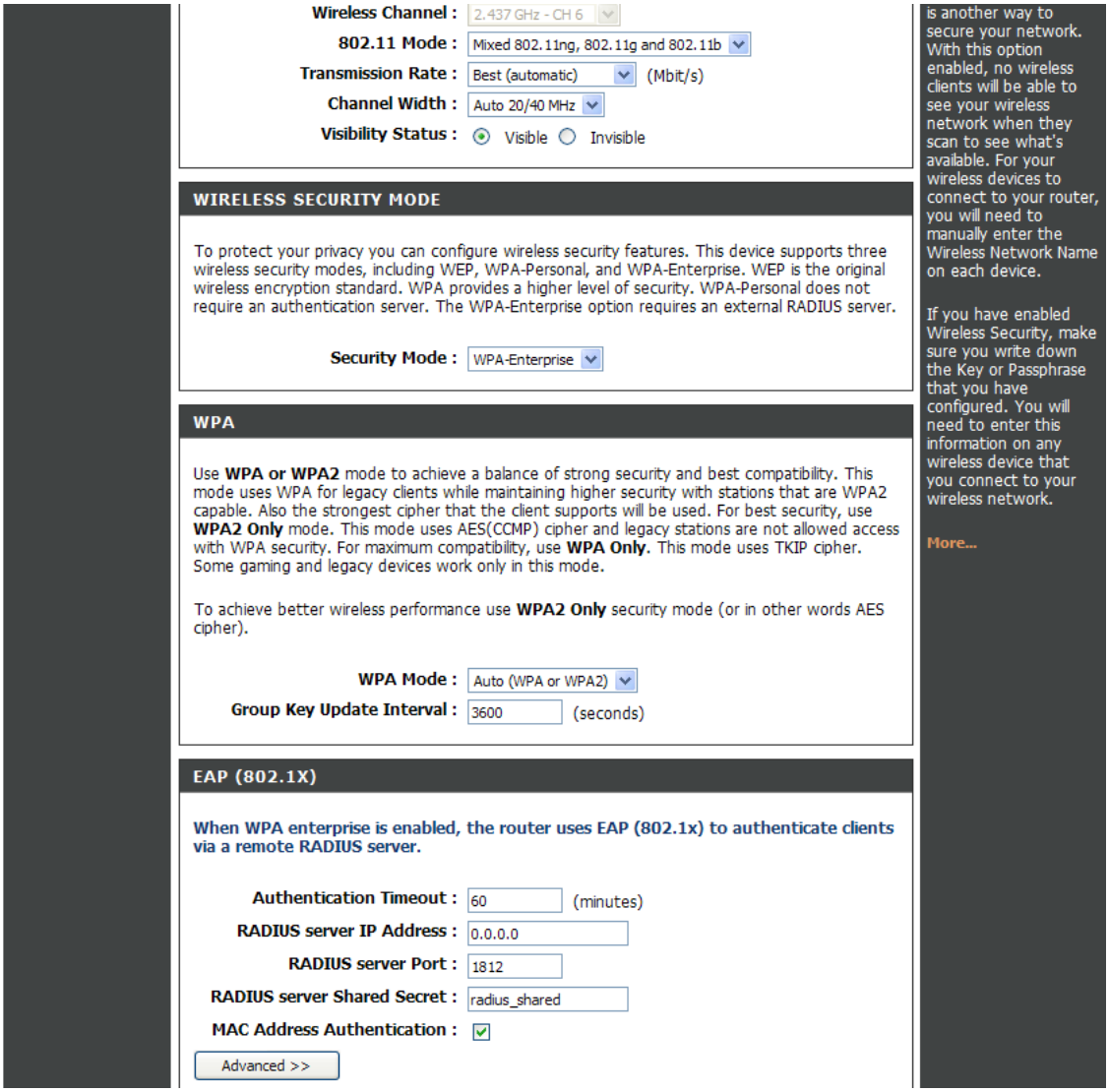
WIRELESS SETTINGS
NETWORK SETTINGS
WIRELESS
Wireless Network Settings
Use this section to configure the wireless settings for your D-Link Router. Please note that changes made on this section may also need to be duplicated on your Wireless Client.
Save Settings
Don't Save Settings
WIRELESS NETWORK SETTINGS
Enable Wireless :
Wireless Network Name : DLink (Also called the SSID)
Enable Auto Channel Scan :
Wireless Channel : 2.437 GHz - CH 6
802.11 Mode : Mixed 802.11ng, 802.11g and 802.11b
Transmission Rate : Best (automatic) (Mbit/s)
Channel Width : Auto 20/40 MHz
Visibility Status : Visible Invisible
WIRELESS SECURITY MODE
To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.
Security Mode : None
Helpful Hints...
Changing your Wireless Network Name is the first step in securing your wireless network. Change it to a familiar name that does not contain any personal information.
Enable Auto Channel Scan so that the router can select the best possible channel for your wireless network to operate on.
Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they scan to see what's available. For your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.
If you have enabled Wireless Security, make sure you write down the Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your


Save Settings
Don't Save Settings
WIRELESS NETWORK SETTINGS
Enable Wireless :
Wireless Network Name :
DLink
(Also called the SSID)
Enable Auto Channel Scan :
Wireless Channel :
2.437 GHz - CH 6
802.11 Mode :
Mixed 802.11ng, 802.11g and 802.11b
Transmission Rate :
Channel Width :
Visibility Status :
802.11g only
Mixed 802.11g and 802.11b
802.11b only
802.11ng only
Mixed 802.11ng, 802.11g and 802.11b
WIRELESS SECURITY MODE
To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.
Security Mode :
WEP
WEP
WEP is the wireless encryption standard. To use it you must enter the same key(s) into the router and the wireless stations. For 64 bit keys you must enter 10 hex digits into each key box. For 128 bit keys you must enter 26 hex digits into each key box. A hex digit is either a number from 0 to 9 or a letter from A to F. For the most secure use of WEP set the authentication type to "Shared Key" when WEP is enabled.
You may also enter any text string into a WEP key box, in which case it will be converted into a hexadecimal key using the ASCII values of the characters. A maximum of 5 text characters can be entered for 64 bit keys, and a maximum of 13 characters for 128 bit keys.
If you choose the WEP security option this device will ONLY operate in Legacy Wireless mode (802.11B/G). This means you will NOT get 11N performance due to the fact that WEP is not supported by Draft 11N specification.
WEP Key Length :
64 bit (10 hex digits)
(length applies to all keys)
WEP Key 1 :
WEP Key 2 :
name that does not contain any personal information.
Enable Auto Channel Scan so that the router can select the best possible channel for your wireless network to operate on.
Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they scan to see what's available. For your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.
If you have enabled Wireless Security, make sure you write down the Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.
More...


Save Settings
Don't Save Settings
WIRELESS NETWORK SETTINGS
Enable Wireless :
Wireless Network Name : DLink (Also called the SSID)
Enable Auto Channel Scan :
Wireless Channel : 2.437 GHz - CH 6
802.11 Mode : Mixed 802.11ng, 802.11g and 802.11b
Transmission Rate : Best (automatic) (Mbit/s)
Channel Width :
Visibility Status :
Best (automatic)
MCS 15 - 130 [270]
MCS 14 - 117 [243]
MCS 13 - 104 [216]
MCS 12 - 78 [162]
MCS 11 - 52 [108]
MCS 10 - 39 [81]
MCS 9 - 26 [54]
MCS 8 - 13 [27]
MCS 7 - 65 [135]
MCS 6 - 58.5 [121.5]
MCS 5 - 52 [108]
MCS 4 - 39 [81]
MCS 3 - 26 [54]
MCS 2 - 19.5 [40.5]
MCS 1 - 13 [27]
MCS 0 - 6.5 [13.5]
54 [108]
48 [96]
36 [72]
24 [48]
18 [36]
12 [24]
9 [18]
6 [12]
11
5.5
2
1
WIRELESS SECURITY MODE
Security Mode :
WEP
You may also enter any text string into a WEP key box, in which case it will be converted into a hexadecimal key using the ASCII values of the characters. A maximum of 5 text characters can be entered for 64 bit keys, and a maximum of 13 characters for 128 bit keys.
If you choose the WEP security option this device will ONLY operate in Legacy Wireless mode (802.11B/G). This means you will NOT get 11N performance due to the fact that WEP is not supported by Draft 11N specification.
name that does not contain any personal information.
Enable Auto Channel Scan so that the router can select the best possible channel for your wireless network to operate on.
Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they scan to see what's available. For your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.
If you have enabled Wireless Security, make sure you write down the Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.
More...


Enable Auto Channel Scan :
Wireless Channel : 2.437 GHz - CH 6
802.11 Mode : Mixed 802.11ng, 802.11g and 802.11b
Transmission Rate : Best (automatic) (Mbit/s)
Channel Width : Auto 20/40 MHz
Visibility Status : Visible Invisible
WIRELESS SECURITY MODE
To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.
Security Mode : WEP
None
WEP
WPA-Personal
WPA-Enterprise
WEP
WEP is the wireless encryption standard. To use it you must enter the same key(s) into the router and the wireless stations. For 64 bit keys you must enter 10 hex digits into each key box. For 128 bit keys you must enter 26 hex digits into each key box. A hex digit is either a number from 0 to 9 or a letter from A to F. For the most secure use of WEP set the authentication type to "Shared Key" when WEP is enabled.
You may also enter any text string into a WEP key box, in which case it will be converted into a hexadecimal key using the ASCII values of the characters. A maximum of 5 text characters can be entered for 64 bit keys, and a maximum of 13 characters for 128 bit keys.
If you choose the WEP security option this device will ONLY operate in Legacy Wireless mode (802.11B/G). This means you will NOT get 11N performance due to the fact that WEP is not supported by Draft 11N specification.
WEP Key Length : 64 bit (10 hex digits) (length applies to all keys)
WEP Key 1 :
WEP Key 2 :
WEP Key 3 :
WEP Key 4 :
Default WEP Key : WEP Key 1
Authentication : Open
Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they scan to see what's available. For your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.
If you have enabled Wireless Security, make sure you write down the Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.
More...
WIRELESS


WIRELESS NETWORK SETTINGS
Enable Wireless :
Wireless Network Name : DLink (Also called the SSID)
Enable Auto Channel Scan :
Wireless Channel : 2.437 GHz - CH 6
802.11 Mode : Mixed 802.11ng, 802.11g and 802.11b
Transmission Rate : Best (automatic) (Mbit/s)
Channel Width : Auto 20/40 MHz
Visibility Status : Visible Invisible
WIRELESS SECURITY MODE
To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.
Security Mode : WPA-Personal
WPA
Use WPA or WPA2 mode to achieve a balance of strong security and best compatibility. This mode uses WPA for legacy clients while maintaining higher security with stations that are WPA2 capable. Also the strongest cipher that the client supports will be used. For best security, use WPA2 Only mode. This mode uses AES(CCMP) cipher and legacy stations are not allowed access with WPA security. For maximum compatibility, use WPA Only. This mode uses TKIP cipher. Some gaming and legacy devices work only in this mode.
To achieve better wireless performance use WPA2 Only security mode (or in other words AES cipher).
WPA Mode : Auto (WPA or WPA2)
Auto (WPA or WPA2)
WPA2 Only
WPA Only
Group Key Update Interval :
PRE-SHARED KEY
Pre-Shared Key : ••••••••
Enable Auto Channel Scan so that the router can select the best possible channel for your wireless network to operate on.
Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they scan to see what's available. For your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.
If you have enabled Wireless Security, make sure you write down the Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.
More...
WIRELESS


Wireless Channel : 2.437 GHz - CH 6
802.11 Mode : Mixed 802.11ng, 802.11g and 802.11b
Transmission Rate : Best (automatic) (Mbit/s)
Channel Width : Auto 20/40 MHz
Visibility Status : Visible Invisible
WIRELESS SECURITY MODE
To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.
Security Mode : WPA-Enterprise
WPA
Use WPA or WPA2 mode to achieve a balance of strong security and best compatibility. This mode uses WPA for legacy clients while maintaining higher security with stations that are WPA2 capable. Also the strongest cipher that the client supports will be used. For best security, use WPA2 Only mode. This mode uses AES(CCMP) cipher and legacy stations are not allowed access with WPA security. For maximum compatibility, use WPA Only. This mode uses TKIP cipher. Some gaming and legacy devices work only in this mode.
To achieve better wireless performance use WPA2 Only security mode (or in other words AES cipher).
WPA Mode : Auto (WPA or WPA2)
Group Key Update Interval : 3600 (seconds)
EAP (802.1X)
When WPA enterprise is enabled, the router uses EAP (802.1x) to authenticate clients via a remote RADIUS server.
Authentication Timeout : 60 (minutes)
RADIUS server IP Address : 0.0.0.0
RADIUS server Port : 1812
RADIUS server Shared Secret : radius_shared
MAC Address Authentication :
Advanced >>
is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they scan to see what's available. For your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device.
If you have enabled Wireless Security, make sure you write down the Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.
More...

To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.

Security Mode : WPA-Enterprise

WPA

Use **WPA or WPA2** mode to achieve a balance of strong security and best compatibility. This mode uses WPA for legacy clients while maintaining higher security with stations that are WPA2 capable. Also the strongest cipher that the client supports will be used. For best security, use **WPA2 Only** mode. This mode uses AES(CCMP) cipher and legacy stations are not allowed access with WPA security. For maximum compatibility, use **WPA Only**. This mode uses TKIP cipher. Some gaming and legacy devices work only in this mode.

To achieve better wireless performance use **WPA2 Only** security mode (or in other words AES cipher).

WPA Mode : Auto (WPA or WPA2)

Group Key Update Interval : 3600 (seconds)

EAP (802.1X)

When WPA enterprise is enabled, the router uses EAP (802.1x) to authenticate clients via a remote RADIUS server.

Authentication Timeout : 60 (minutes)

RADIUS server IP Address : 0.0.0.0

RADIUS server Port : 1812

RADIUS server Shared Secret : radius_shared

MAC Address Authentication : ☑

<< Advanced

Optional backup RADIUS server :

Second RADIUS server IP Address : 0.0.0.0

Second RADIUS server Port : 1812

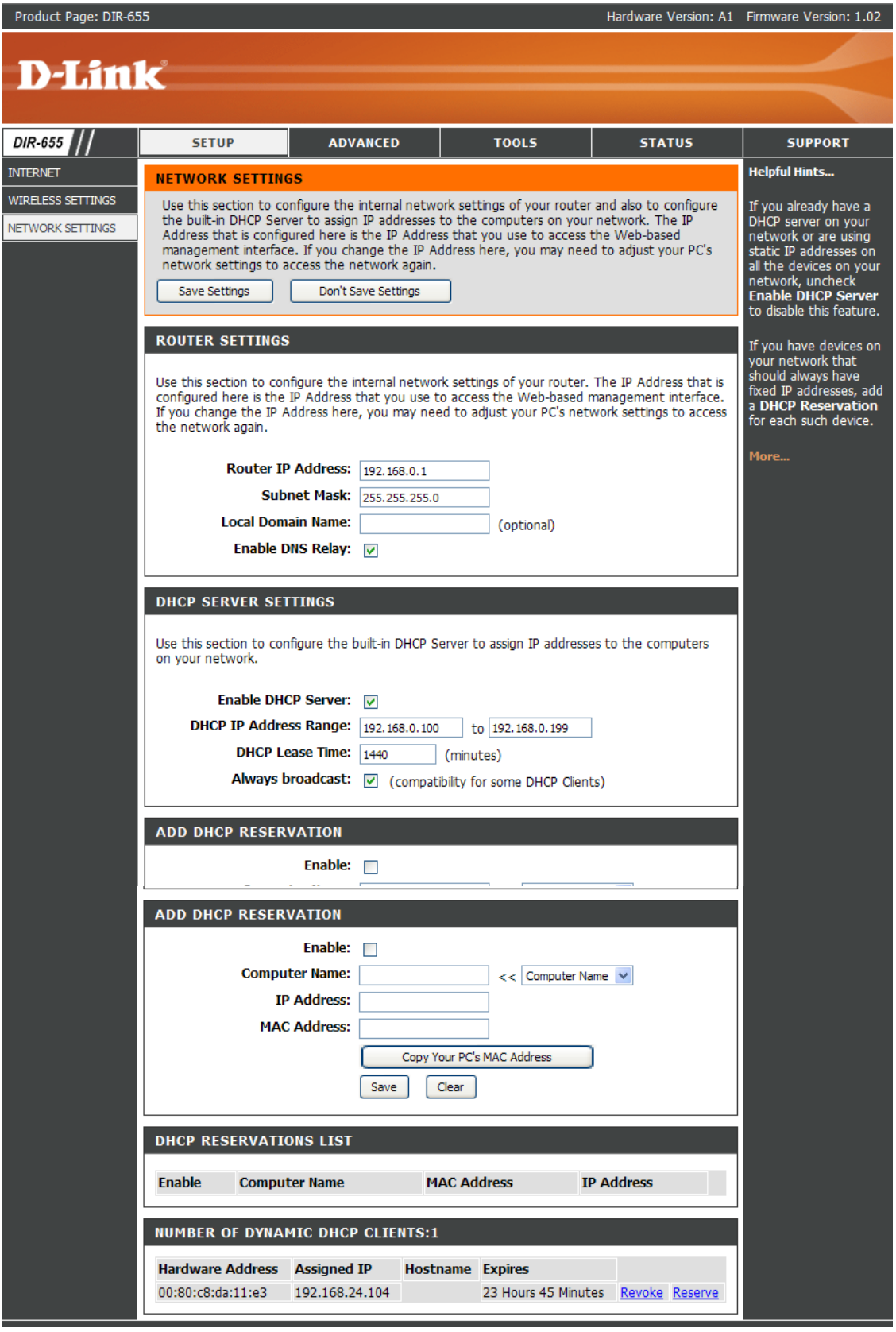
Second RADIUS server Shared Secret : radius_shared

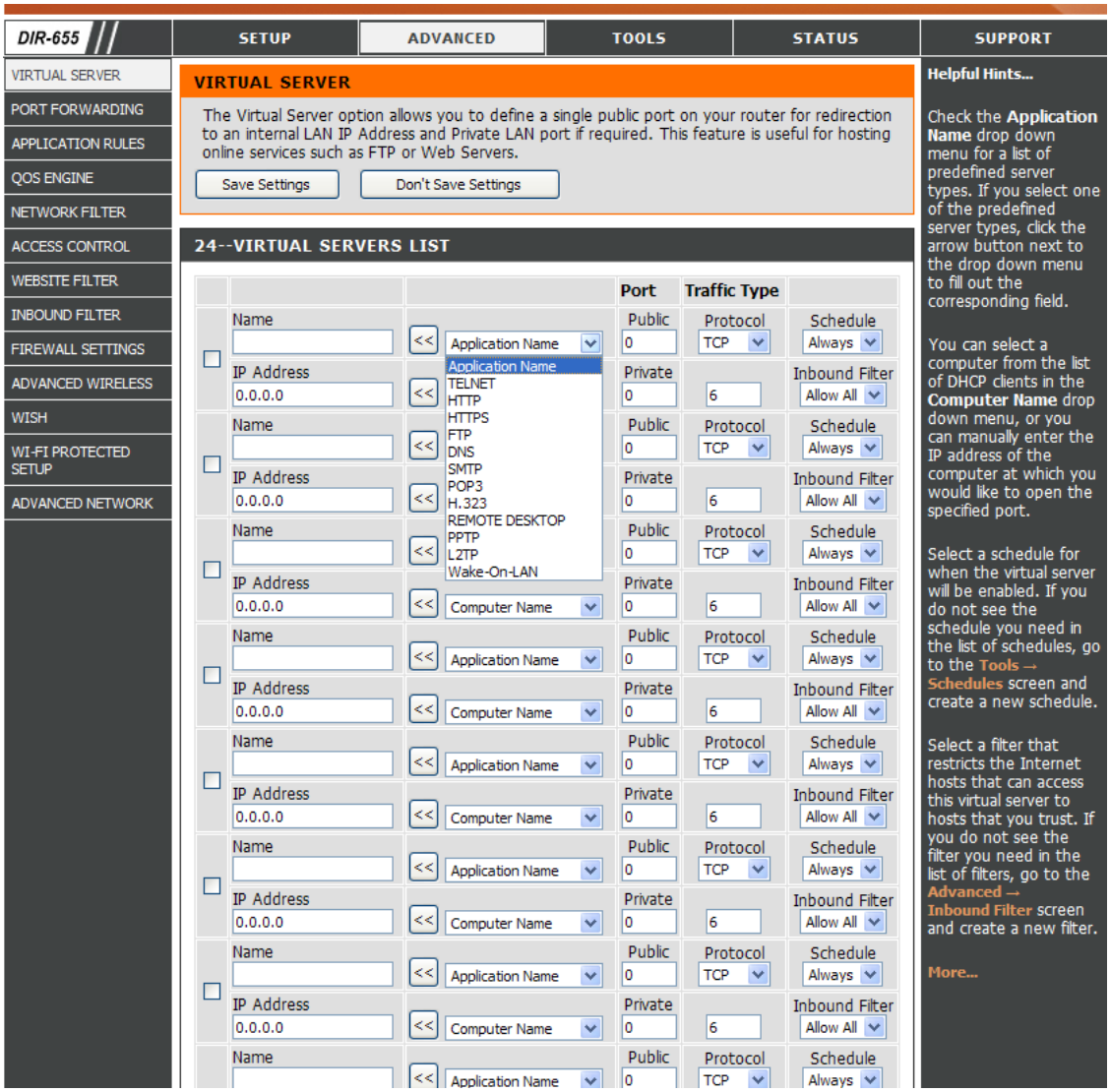
Second MAC Address Authentication : ☑

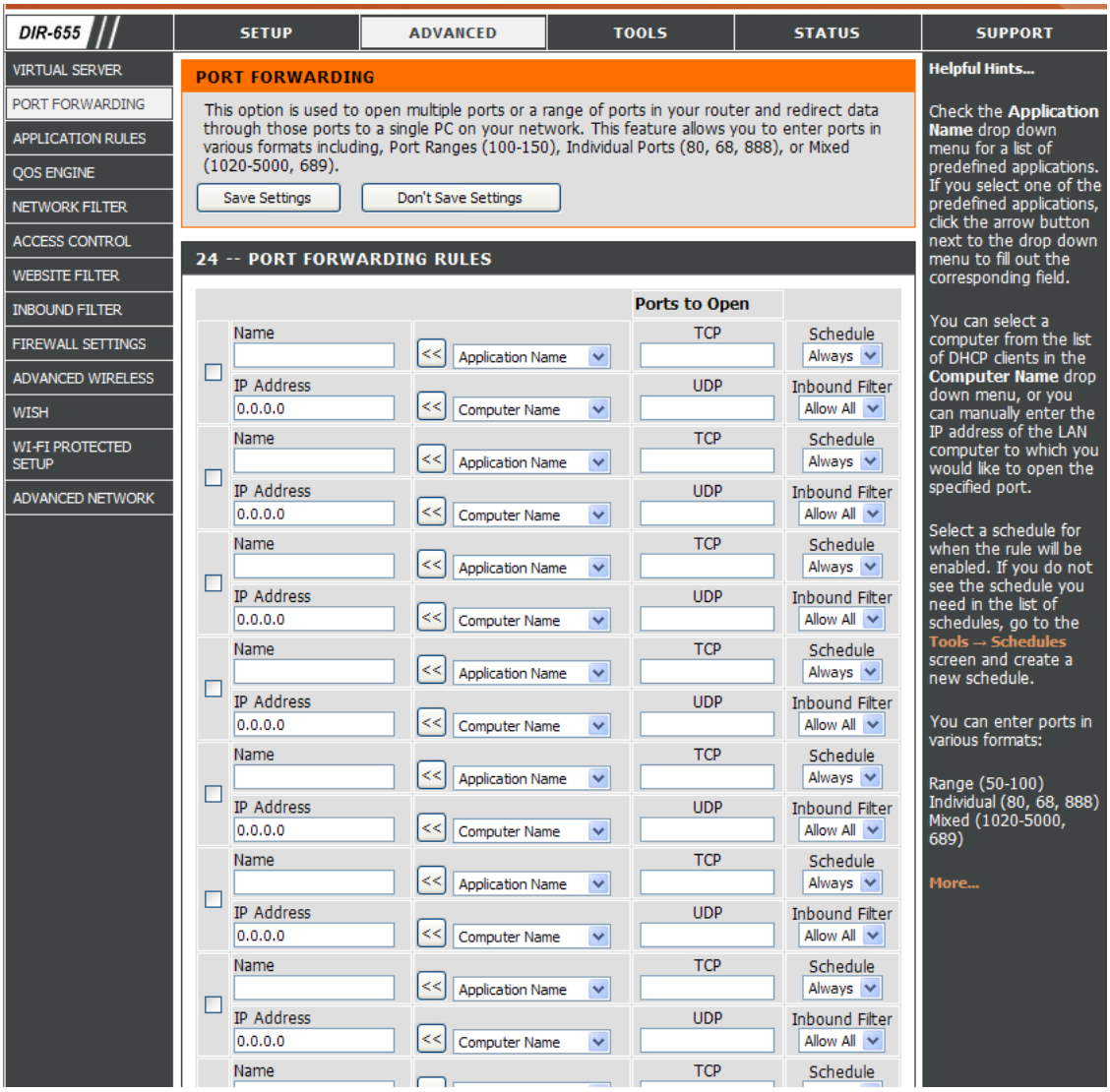
manually enter the Wireless Network Name on each device.

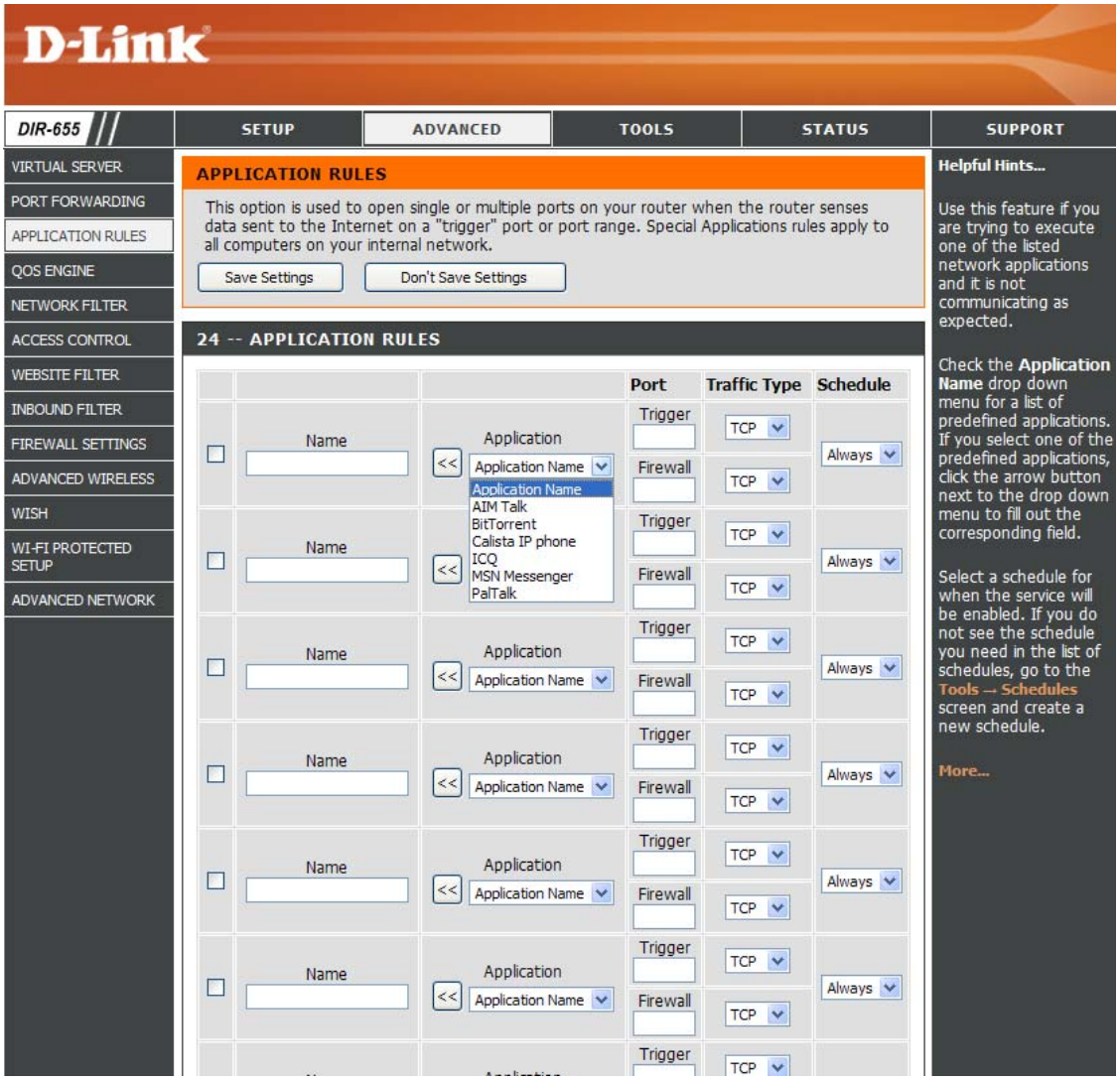
If you have enabled Wireless Security, make sure you write down the Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless network.

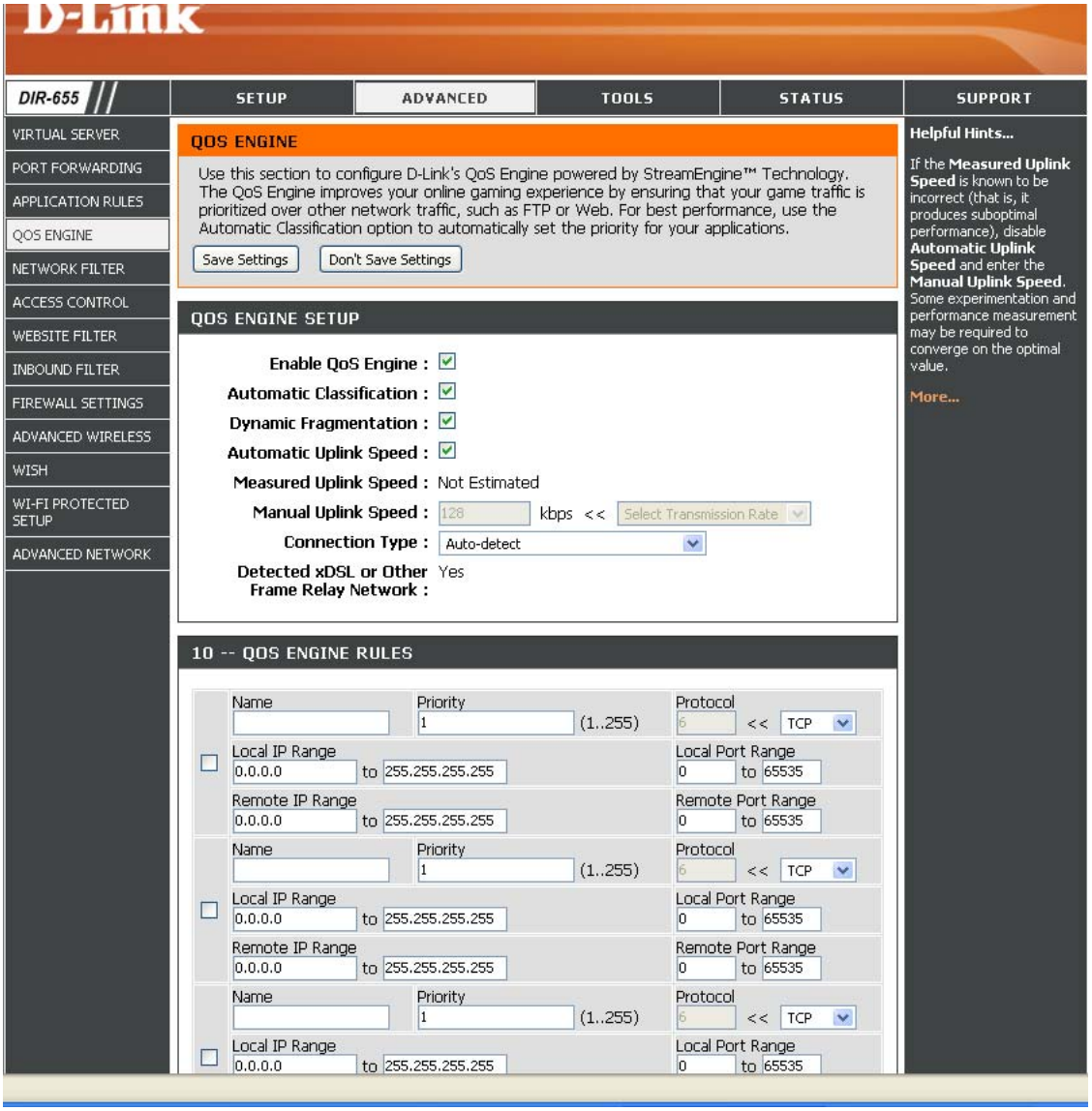
More...

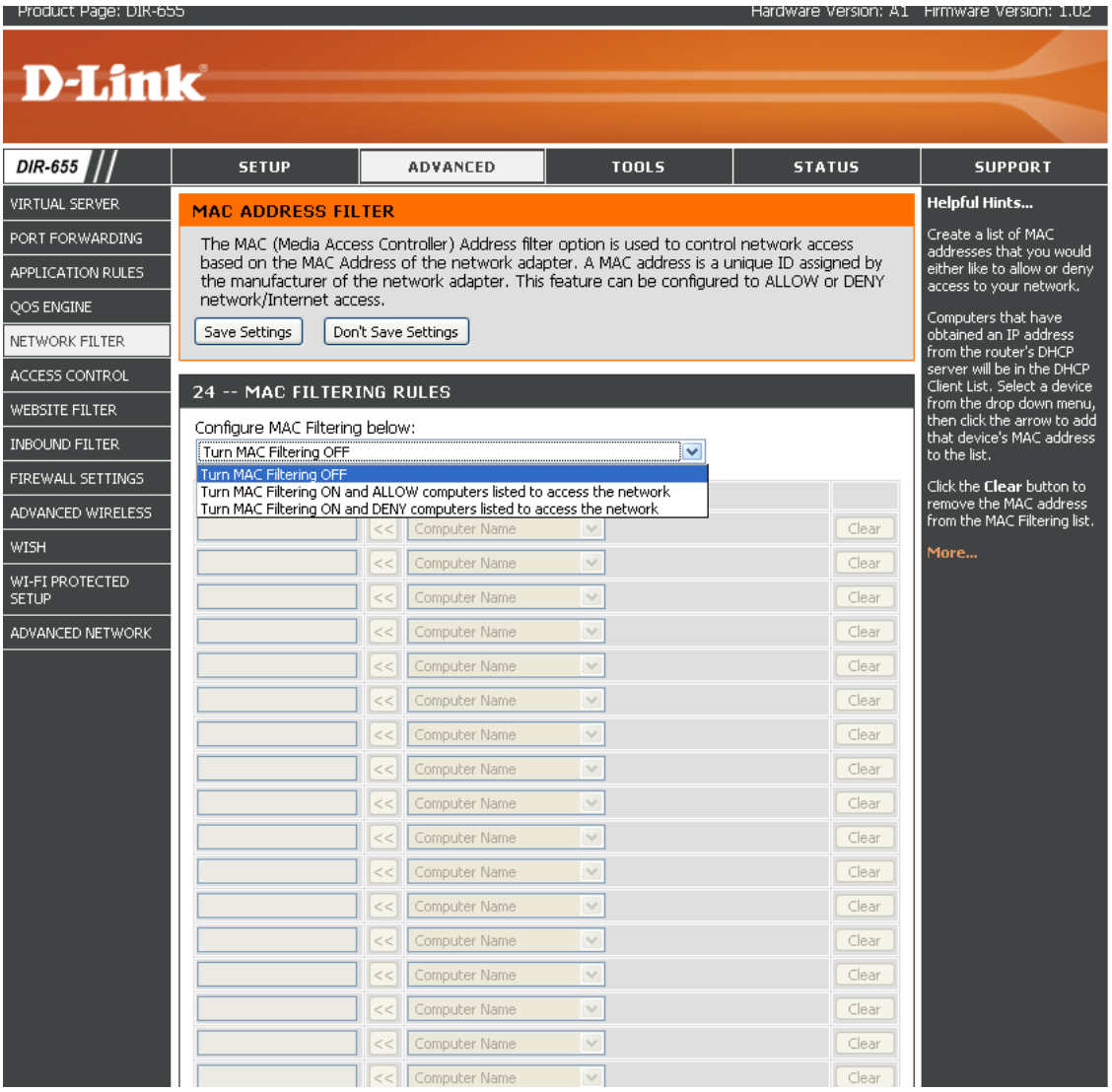

Product Page: DIR-655
Hardware Version: A1
Firmware Version: 1.02
D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
INTERNET
WIRELESS SETTINGS
NETWORK SETTINGS
NETWORK SETTINGS
Use this section to configure the internal network settings of your router and also to configure the built-in DHCP Server to assign IP addresses to the computers on your network. The IP Address that is configured here is the IP Address that you use to access the Web-based management interface. If you change the IP Address here, you may need to adjust your PC's network settings to access the network again.
Save Settings
Don't Save Settings
ROUTER SETTINGS
Use this section to configure the internal network settings of your router. The IP Address that is configured here is the IP Address that you use to access the Web-based management interface. If you change the IP Address here, you may need to adjust your PC's network settings to access the network again.
Router IP Address: 192.168.0.1
Subnet Mask: 255.255.255.0
Local Domain Name: (optional)
Enable DNS Relay:
DHCP SERVER SETTINGS
Use this section to configure the built-in DHCP Server to assign IP addresses to the computers on your network.
Enable DHCP Server:
DHCP IP Address Range: 192.168.0.100 to 192.168.0.199
DHCP Lease Time: 1440 (minutes)
Always broadcast: (compatibility for some DHCP Clients)
ADD DHCP RESERVATION
Enable:
ADD DHCP RESERVATION
Enable:
Computer Name: << Computer Name
IP Address:
MAC Address:
Copy Your PC's MAC Address
Save
Clear
DHCP RESERVATIONS LIST
Enable
Computer Name
MAC Address
IP Address
NUMBER OF DYNAMIC DHCP CLIENTS:1
Hardware Address
Assigned IP
Hostname
Expires
00:80:c8:da:11:e3
192.168.24.104
23 Hours 45 Minutes
Revoke
Reserve
Helpful Hints...
If you already have a DHCP server on your network or are using static IP addresses on all the devices on your network, uncheck Enable DHCP Server to disable this feature.
If you have devices on your network that should always have fixed IP addresses, add a DHCP Reservation for each such device.
More...

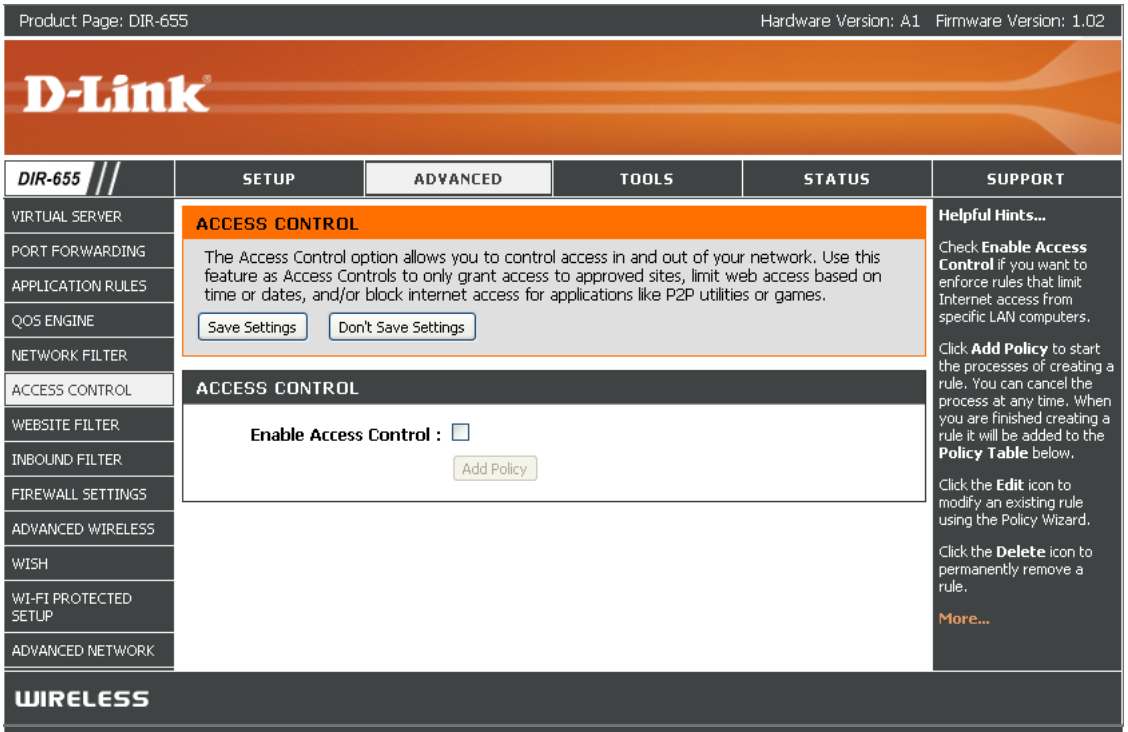

DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
VIRTUAL SERVER
PORT FORWARDING
APPLICATION RULES
QOS ENGINE
NETWORK FILTER
ACCESS CONTROL
WEBSITE FILTER
INBOUND FILTER
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
VIRTUAL SERVER
The Virtual Server option allows you to define a single public port on your router for redirection to an internal LAN IP Address and Private LAN port if required. This feature is useful for hosting online services such as FTP or Web Servers.
Save Settings
Don't Save Settings
24--VIRTUAL SERVERS LIST
Port
Traffic Type
Name
IP Address
Public
Private
Protocol
Schedule
Inbound Filter
Application Name
Computer Name
TELNET
HTTP
HTTPS
FTP
DNS
SMTP
POP3
H.323
REMOTE DESKTOP
PPTP
L2TP
Wake-On-LAN
Always
Allow All
Helpful Hints...
Check the Application Name drop down menu for a list of predefined server types. If you select one of the predefined server types, click the arrow button next to the drop down menu to fill out the corresponding field.
You can select a computer from the list of DHCP clients in the Computer Name drop down menu, or you can manually enter the IP address of the computer at which you would like to open the specified port.
Select a schedule for when the virtual server will be enabled. If you do not see the schedule you need in the list of schedules, go to the Tools → Schedules screen and create a new schedule.
Select a filter that restricts the Internet hosts that can access this virtual server to hosts that you trust. If you do not see the filter you need in the list of filters, go to the Advanced → Inbound Filter screen and create a new filter.
More...


DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
VIRTUAL SERVER
PORT FORWARDING
APPLICATION RULES
QOS ENGINE
NETWORK FILTER
ACCESS CONTROL
WEBSITE FILTER
INBOUND FILTER
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
PORT FORWARDING
This option is used to open multiple ports or a range of ports in your router and redirect data through those ports to a single PC on your network. This feature allows you to enter ports in various formats including, Port Ranges (100-150), Individual Ports (80, 68, 888), or Mixed (1020-5000, 689).
Save Settings
Don't Save Settings
24 -- PORT FORWARDING RULES
Ports to Open
Name
Application Name
TCP
Schedule
Always
IP Address
0.0.0.0
Computer Name
UDP
Inbound Filter
Allow All
Helpful Hints...
Check the Application Name drop down menu for a list of predefined applications. If you select one of the predefined applications, click the arrow button next to the drop down menu to fill out the corresponding field.
You can select a computer from the list of DHCP clients in the Computer Name drop down menu, or you can manually enter the IP address of the LAN computer to which you would like to open the specified port.
Select a schedule for when the rule will be enabled. If you do not see the schedule you need in the list of schedules, go to the Tools → Schedules screen and create a new schedule.
You can enter ports in various formats:
Range (50-100)
Individual (80, 68, 888)
Mixed (1020-5000, 689)
More...


D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
VIRTUAL SERVER
PORT FORWARDING
APPLICATION RULES
QOS ENGINE
NETWORK FILTER
ACCESS CONTROL
WEBSITE FILTER
INBOUND FILTER
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
APPLICATION RULES
This option is used to open single or multiple ports on your router when the router senses data sent to the Internet on a "trigger" port or port range. Special Applications rules apply to all computers on your internal network.
Save Settings
Don't Save Settings
24 -- APPLICATION RULES
Port
Traffic Type
Schedule
Name
Application
Trigger
Firewall
TCP
Always
Application Name
AIM Talk
BitTorrent
Calista IP phone
ICQ
MSN Messenger
PalTalk
Helpful Hints...
Use this feature if you are trying to execute one of the listed network applications and it is not communicating as expected.
Check the Application Name drop down menu for a list of predefined applications. If you select one of the predefined applications, click the arrow button next to the drop down menu to fill out the corresponding field.
Select a schedule for when the service will be enabled. If you do not see the schedule you need in the list of schedules, go to the Tools → Schedules screen and create a new schedule.
More...


D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
VIRTUAL SERVER
PORT FORWARDING
APPLICATION RULES
QOS ENGINE
NETWORK FILTER
ACCESS CONTROL
WEBSITE FILTER
INBOUND FILTER
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
QOS ENGINE
Use this section to configure D-Link's QoS Engine powered by StreamEngine™ Technology. The QoS Engine improves your online gaming experience by ensuring that your game traffic is prioritized over other network traffic, such as FTP or Web. For best performance, use the Automatic Classification option to automatically set the priority for your applications.
Save Settings
Don't Save Settings
QOS ENGINE SETUP
Enable QoS Engine :
Automatic Classification :
Dynamic Fragmentation :
Automatic Uplink Speed :
Measured Uplink Speed : Not Estimated
Manual Uplink Speed : 128 kbps << Select Transmission Rate
Connection Type : Auto-detect
Detected xDSL or Other Frame Relay Network : Yes
10 -- QOS ENGINE RULES
Name
Priority
(1..255)
Protocol
<< TCP
Local IP Range
0.0.0.0 to 255.255.255.255
Local Port Range
0 to 65535
Remote IP Range
0.0.0.0 to 255.255.255.255
Remote Port Range
0 to 65535
Helpful Hints...
If the Measured Uplink Speed is known to be incorrect (that is, it produces suboptimal performance), disable Automatic Uplink Speed and enter the Manual Uplink Speed. Some experimentation and performance measurement may be required to converge on the optimal value.
More...


Product Page: DIR-655
Hardware Version: A1
Firmware Version: 1.02
D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
VIRTUAL SERVER
PORT FORWARDING
APPLICATION RULES
QOS ENGINE
NETWORK FILTER
ACCESS CONTROL
WEBSITE FILTER
INBOUND FILTER
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
MAC ADDRESS FILTER
The MAC (Media Access Controller) Address filter option is used to control network access based on the MAC Address of the network adapter. A MAC address is a unique ID assigned by the manufacturer of the network adapter. This feature can be configured to ALLOW or DENY network/Internet access.
Save Settings
Don't Save Settings
24 -- MAC FILTERING RULES
Configure MAC Filtering below:
Turn MAC Filtering OFF
Turn MAC Filtering OFF
Turn MAC Filtering ON and ALLOW computers listed to access the network
Turn MAC Filtering ON and DENY computers listed to access the network
<<
Computer Name
Clear
Helpful Hints...
Create a list of MAC addresses that you would either like to allow or deny access to your network.
Computers that have obtained an IP address from the router's DHCP server will be in the DHCP Client List. Select a device from the drop down menu, then click the arrow to add that device's MAC address to the list.
Click the Clear button to remove the MAC address from the MAC Filtering list.
More...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D-Link
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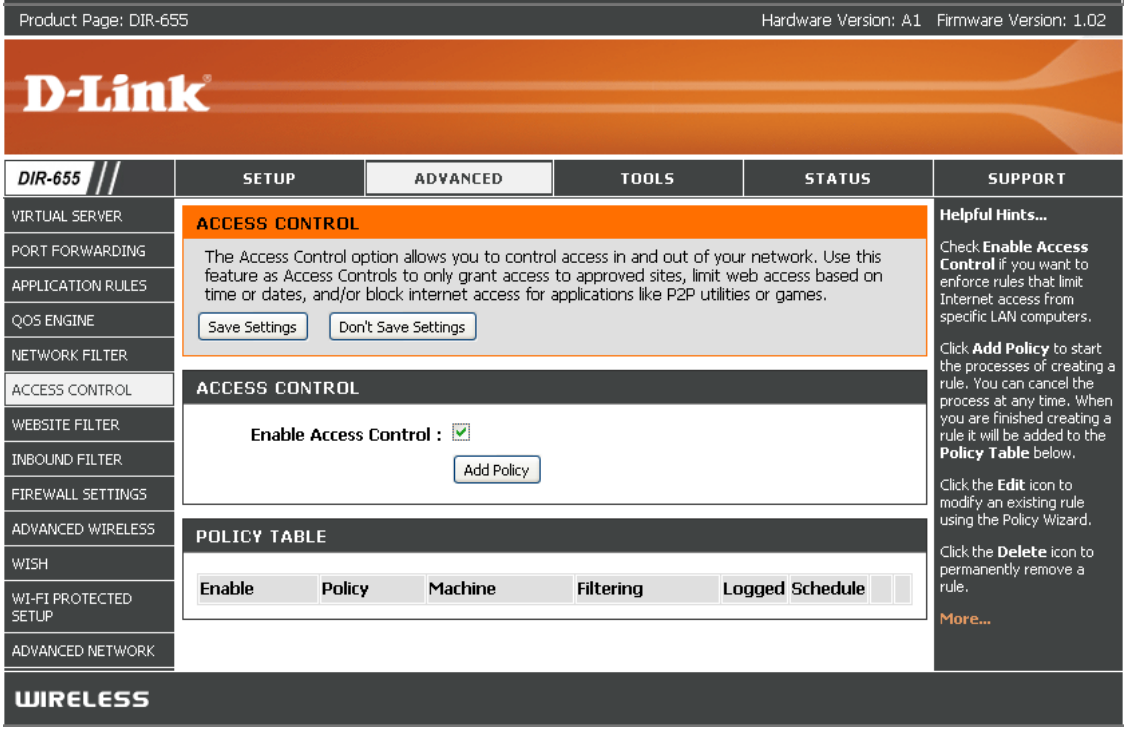
INBOUND FILTER
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
ACCESS CONTROL
The Access Control option allows you to control access in and out of your network. Use this feature as Access Controls to only grant access to approved sites, limit web access based on time or dates, and/or block internet access for applications like P2P utilities or games.
Save Settings
Don't Save Settings
ACCESS CONTROL
Enable Access Control :
Add Policy
Helpful Hints...
Check Enable Access Control if you want to enforce rules that limit Internet access from specific LAN computers.
Click Add Policy to start the processes of creating a rule. You can cancel the process at any time. When you are finished creating a rule it will be added to the Policy Table below.
Click the Edit icon to modify an existing rule using the Policy Wizard.
Click the Delete icon to permanently remove a rule.
More...
WIRELESS


Product Page: DIR-655
Hardware Version: A1
Firmware Version: 1.02
D-Link
DIR-655
SETUP
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QOS ENGINE
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WI-FI PROTECTED SETUP
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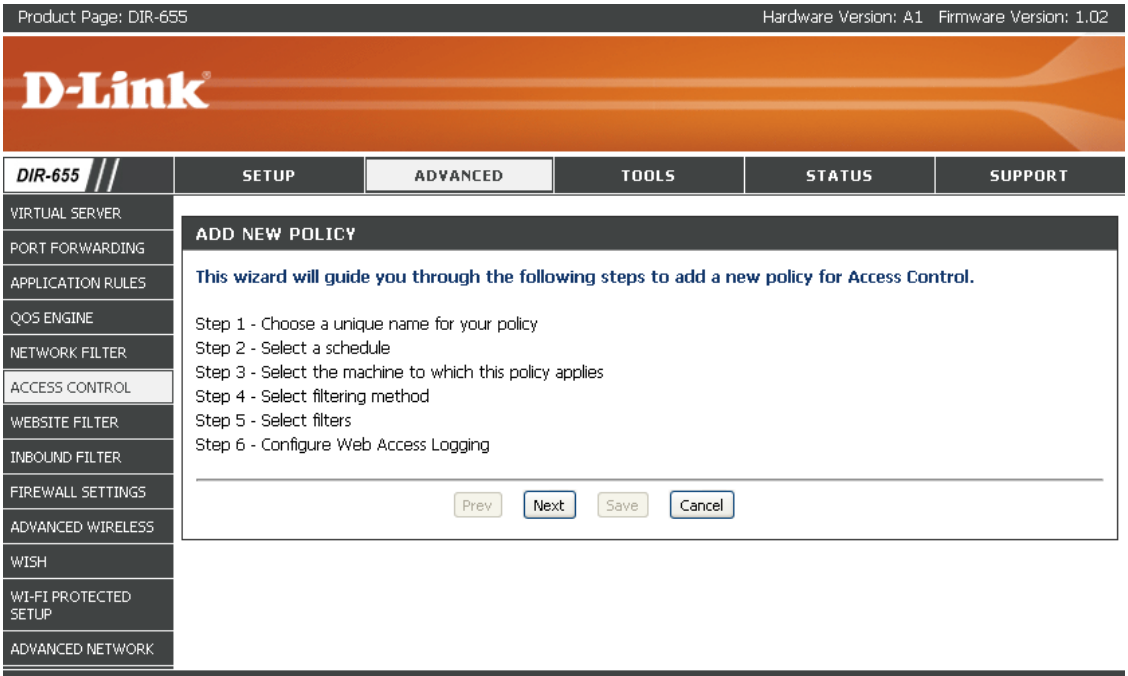
ACCESS CONTROL
The Access Control option allows you to control access in and out of your network. Use this feature as Access Controls to only grant access to approved sites, limit web access based on time or dates, and/or block internet access for applications like P2P utilities or games.
Save Settings
Don't Save Settings
ACCESS CONTROL
Enable Access Control :
Add Policy
POLICY TABLE
Enable
Policy
Machine
Filtering
Logged
Schedule
Helpful Hints...
Check Enable Access Control if you want to enforce rules that limit Internet access from specific LAN computers.
Click Add Policy to start the processes of creating a rule. You can cancel the process at any time. When you are finished creating a rule it will be added to the Policy Table below.
Click the Edit icon to modify an existing rule using the Policy Wizard.
Click the Delete icon to permanently remove a rule.
More...
WIRELESS


Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
DIR-655
SETUP
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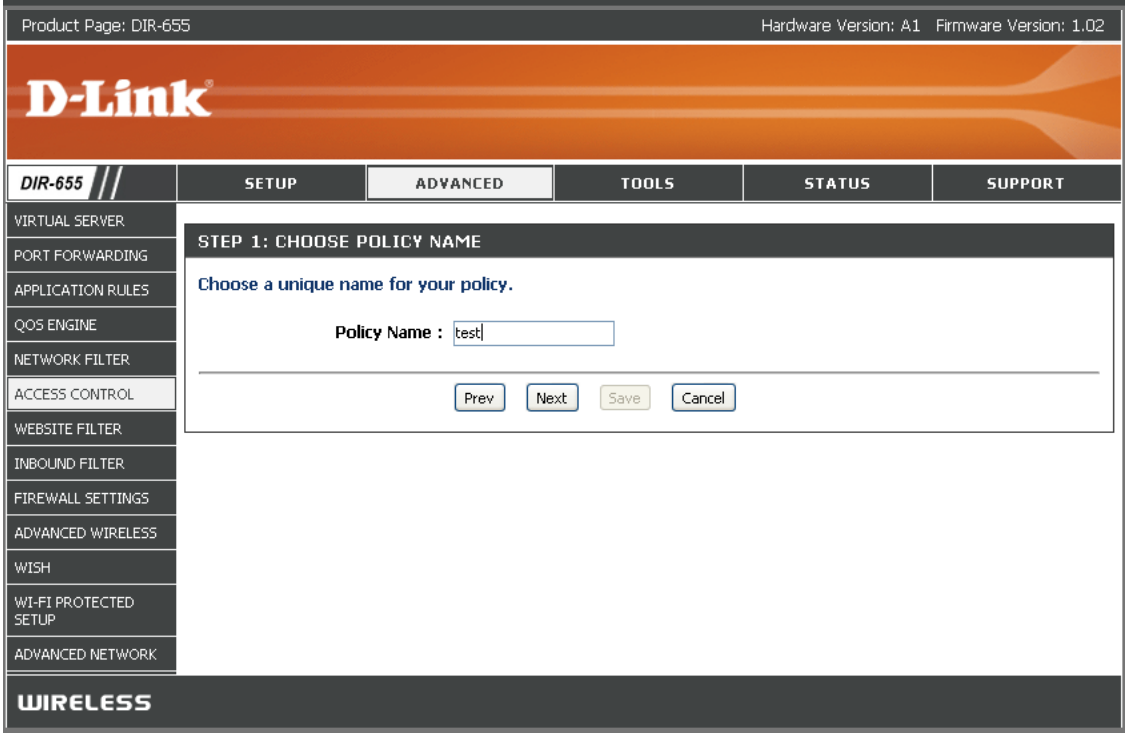
INBOUND FILTER
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
ADD NEW POLICY
This wizard will guide you through the following steps to add a new policy for Access Control.
Step 1 - Choose a unique name for your policy
Step 2 - Select a schedule
Step 3 - Select the machine to which this policy applies
Step 4 - Select filtering method
Step 5 - Select filters
Step 6 - Configure Web Access Logging
Prev
Next
Save
Cancel
WIRELESS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D-Link
DIR-655
SETUP
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QOS ENGINE
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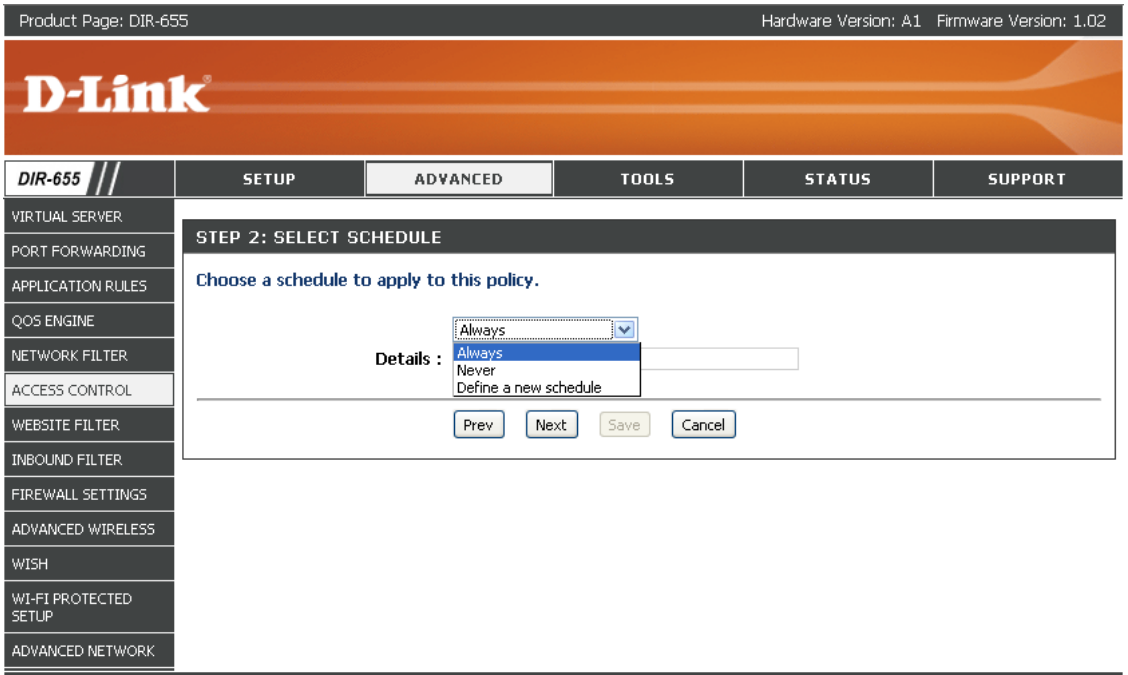
INBOUND FILTER
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
STEP 1: CHOOSE POLICY NAME
Choose a unique name for your policy.
Policy Name : test
Prev
Next
Save
Cancel
WIRELESS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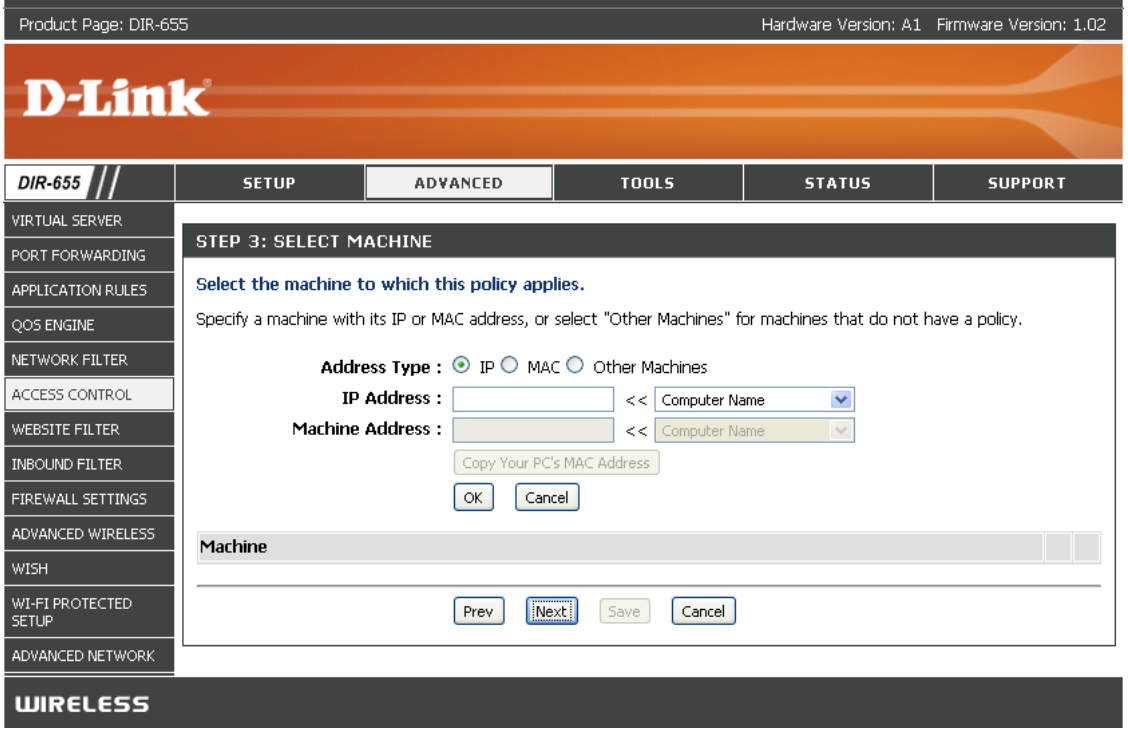
INBOUND FILTER
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
STEP 2: SELECT SCHEDULE
Choose a schedule to apply to this policy.
Details :
Always
Always
Never
Define a new schedule
Prev
Next
Save
Cancel
WIRELESS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Hardware Version: A1 Firmware Version: 1.02
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WEBSITE FILTER
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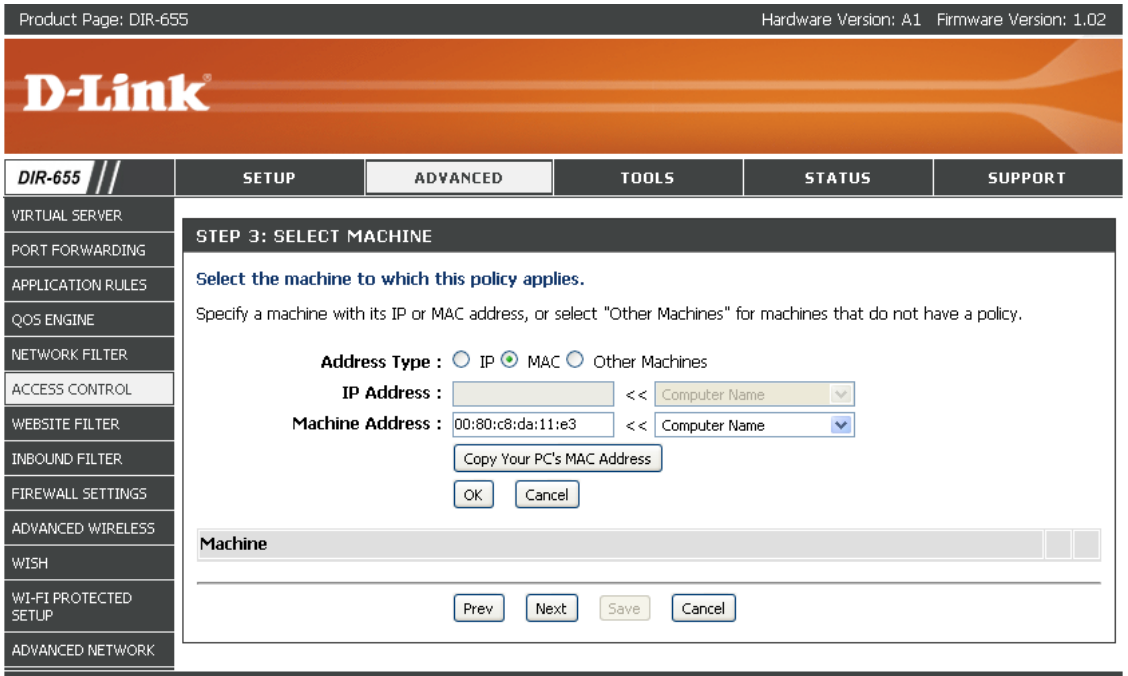
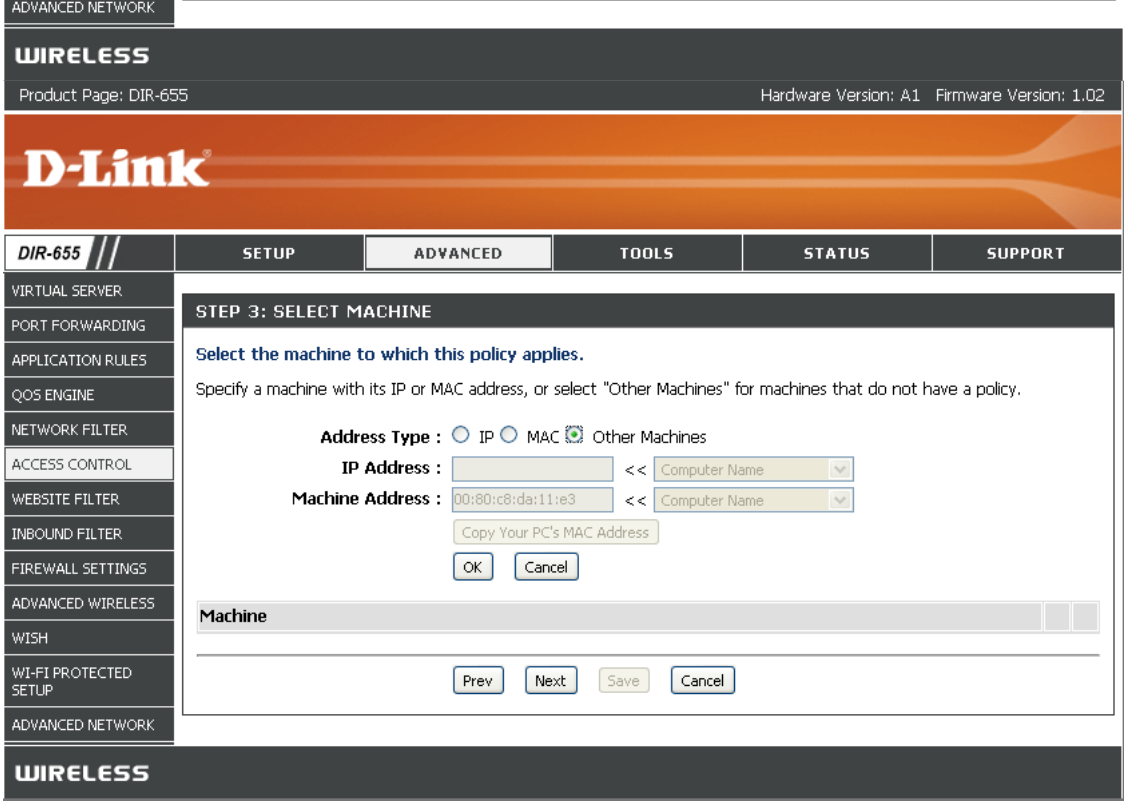
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
STEP 3: SELECT MACHINE
Select the machine to which this policy applies.
Specify a machine with its IP or MAC address, or select "Other Machines" for machines that do not have a policy.
Address Type : IP MAC Other Machines
IP Address : << Computer Name
Machine Address : << Computer Name
Copy Your PC's MAC Address
OK
Cancel
Machine
Prev
Next
Save
Cancel
WIRELESS


Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
VIRTUAL SERVER
PORT FORWARDING
APPLICATION RULES
QOS ENGINE
NETWORK FILTER
ACCESS CONTROL
WEBSITE FILTER
INBOUND FILTER
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
STEP 3: SELECT MACHINE
Select the machine to which this policy applies.
Specify a machine with its IP or MAC address, or select "Other Machines" for machines that do not have a policy.
Address Type : IP MAC Other Machines
IP Address : << Computer Name
Machine Address : 00:80:c8:da:11:e3 << Computer Name
Copy Your PC's MAC Address
OK Cancel
Machine
Prev Next Save Cancel
WIRELESS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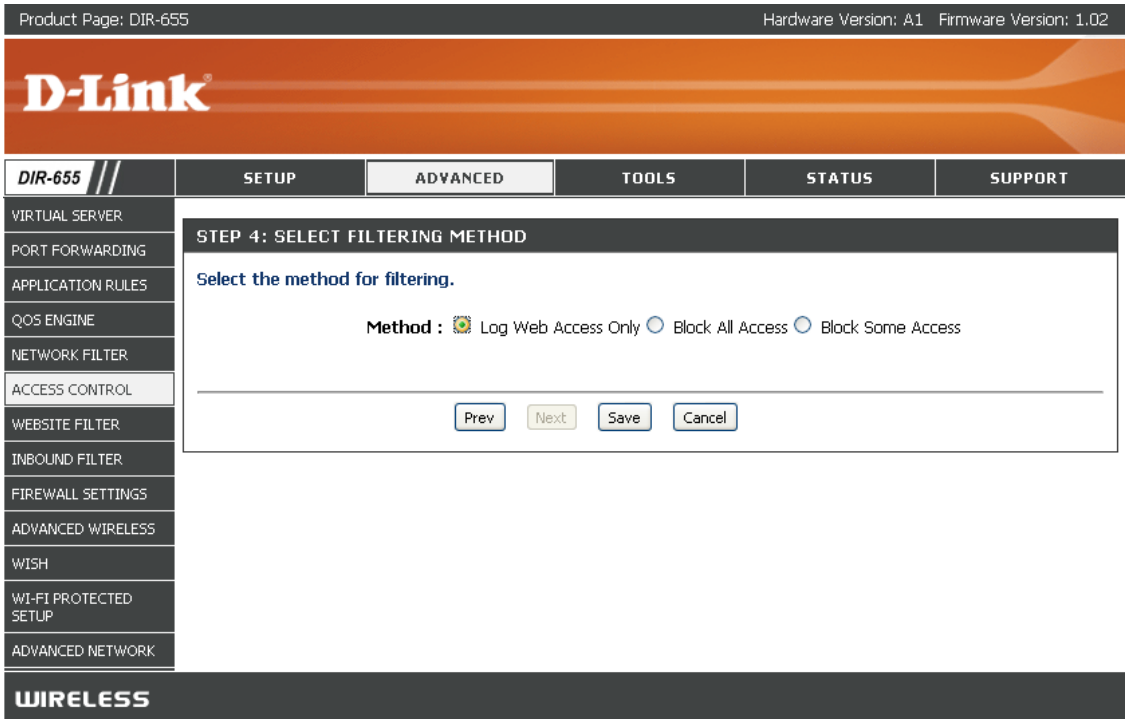
IP Address : << Computer Name
Machine Address : 00:80:c8:da:11:e3 << Computer Name
Copy Your PC's MAC Address
OK Cancel
Machine
Prev Next Save Cancel
WIRELESS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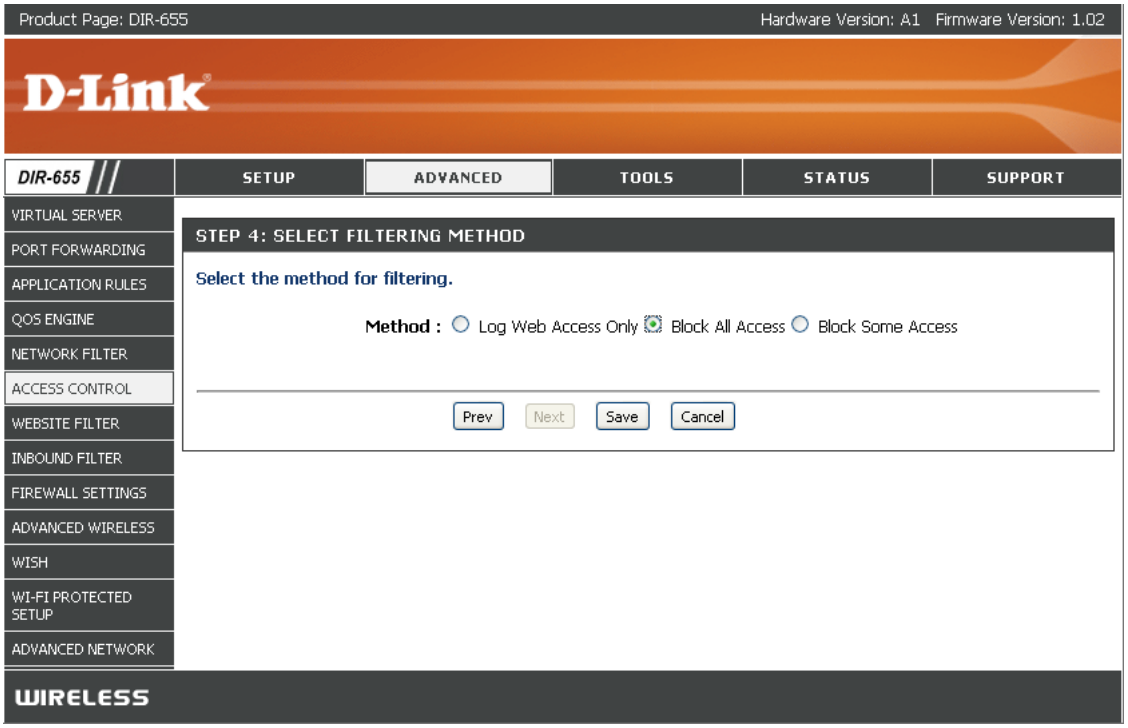
STEP 4: SELECT FILTERING METHOD
Select the method for filtering.
Method : Log Web Access Only Block All Access Block Some Access
Prev
Next
Save
Cancel
WIRELESS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Prev
Next
Save
Cancel
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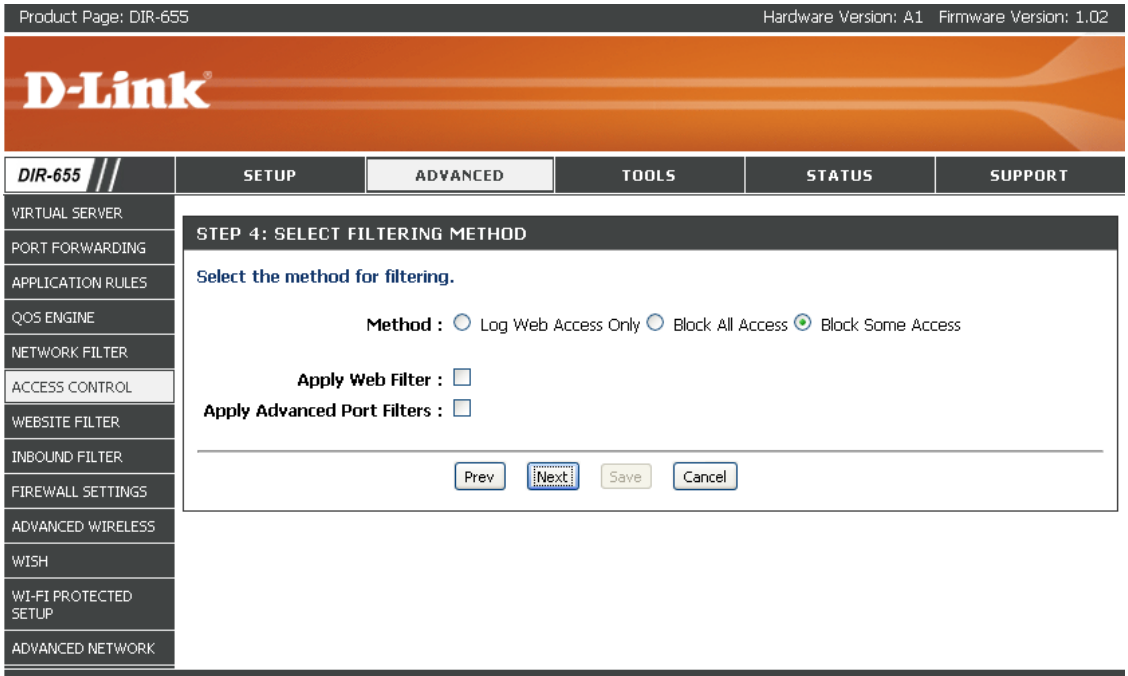
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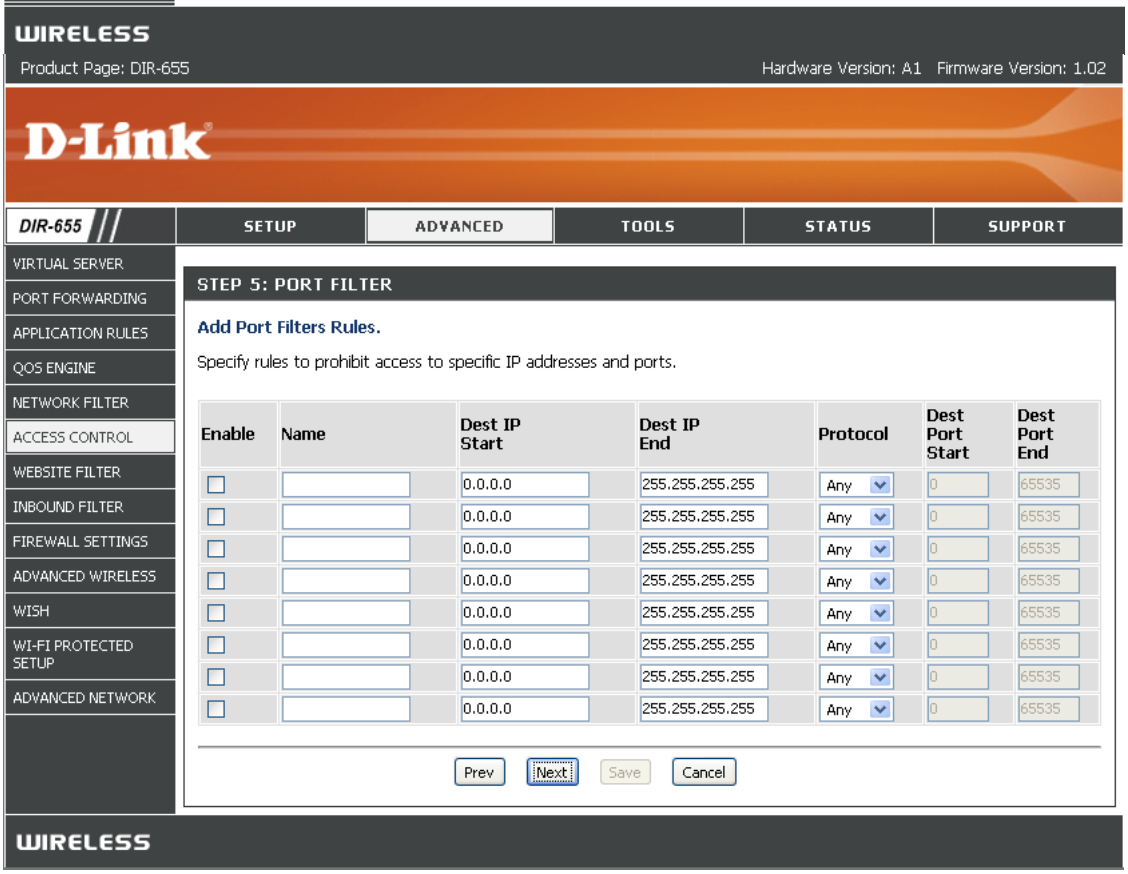
STEP 4: SELECT FILTERING METHOD
Select the method for filtering.
Method : Log Web Access Only Block All Access Block Some Access
Apply Web Filter :
Apply Advanced Port Filters :
Prev
Next
Save
Cancel
WIRELESS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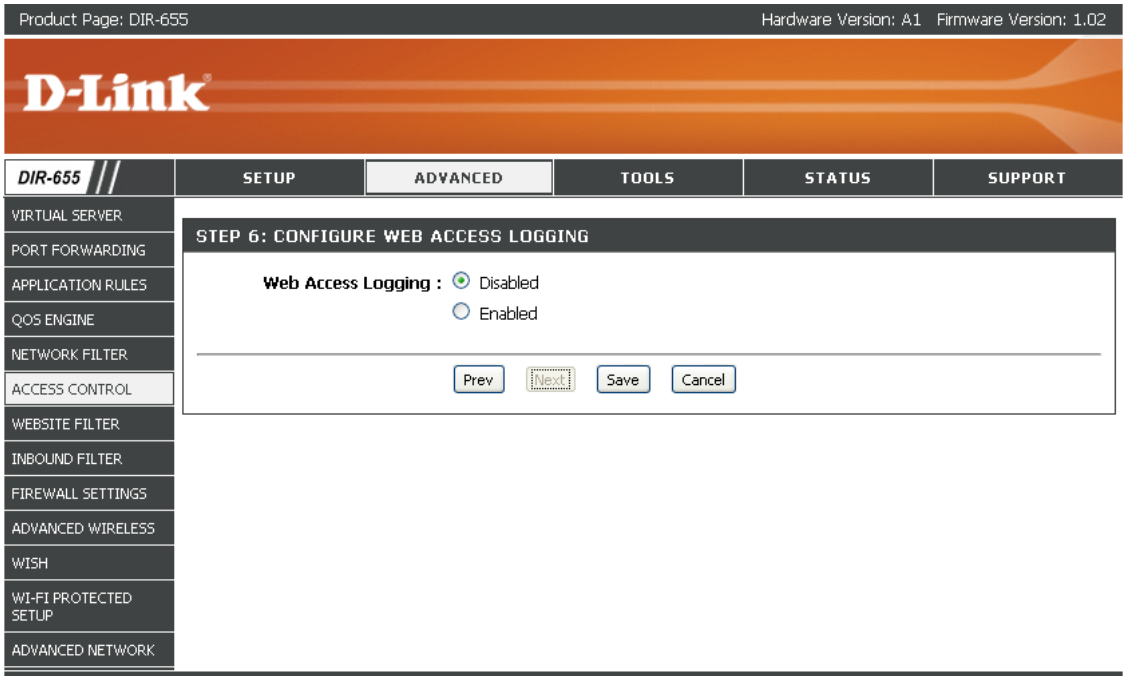
STEP 5: PORT FILTER
Add Port Filters Rules.
Specify rules to prohibit access to specific IP addresses and ports.
Enable
Name
Dest IP Start
Dest IP End
Protocol
Dest Port Start
Dest Port End
0.0.0.0
255.255.255.255
Any
0
65535
Prev
Next
Save
Cancel
WIRELESS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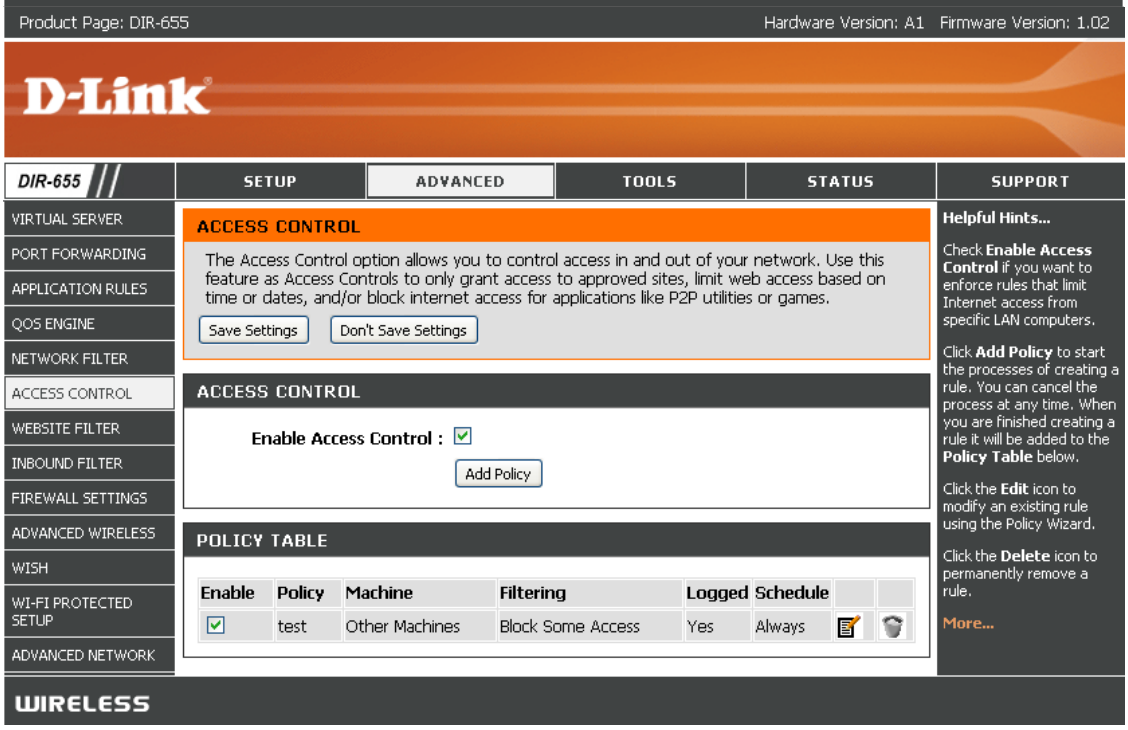
STEP 6: CONFIGURE WEB ACCESS LOGGING
Web Access Logging :
Disabled
Enabled
Prev
Next
Save
Cancel
WIRELESS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ACCESS CONTROL
The Access Control option allows you to control access in and out of your network. Use this feature as Access Controls to only grant access to approved sites, limit web access based on time or dates, and/or block internet access for applications like P2P utilities or games.
Save Settings
Don't Save Settings
ACCESS CONTROL
Enable Access Control :
Add Policy
POLICY TABLE
Enable
Policy
Machine
Filtering
Logged
Schedule
test
Other Machines
Block Some Access
Yes
Always
Helpful Hints...
Check Enable Access Control if you want to enforce rules that limit Internet access from specific LAN computers.
Click Add Policy to start the processes of creating a rule. You can cancel the process at any time. When you are finished creating a rule it will be added to the Policy Table below.
Click the Edit icon to modify an existing rule using the Policy Wizard.
Click the Delete icon to permanently remove a rule.
More...
WIRELESS

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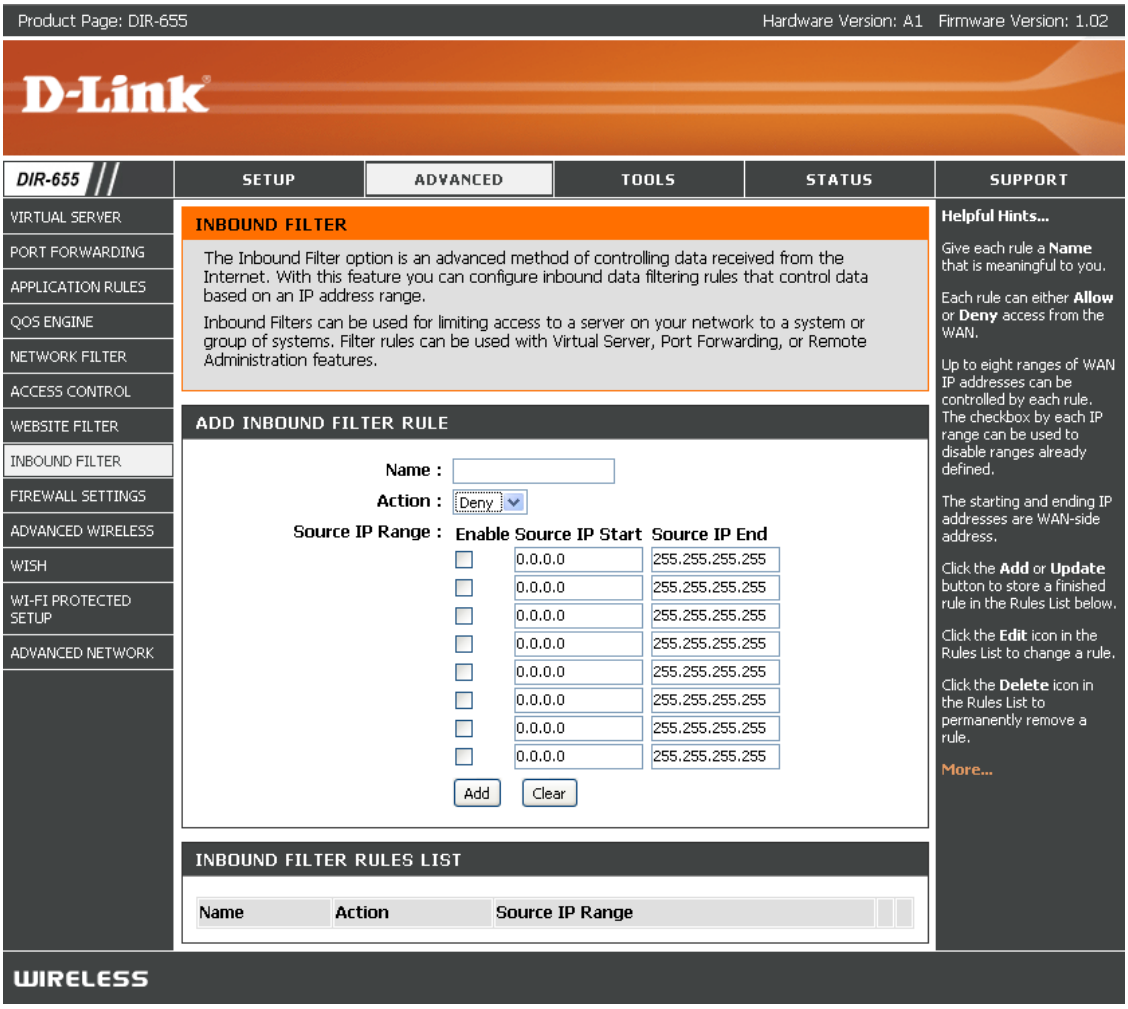
WEBSITE FILTER
The Web Filter option allows you to set up a list of allowed Web sites that can be used by multiple users. When Web Filter is enabled, all Web sites not listed on this page will be blocked. To use this feature, you must also select the "Apply Web Filter" checkbox in the Access Control section.
Save Settings
Don't Save Settings
40 -- WEBSITE FILTERING RULES
Clear the list below...
Website URL/Domain
Helpful Hints...
Create a list of Web sites to which you would like to allow access from the devices on your network.
Use with Advanced → Access Control.
More...
WIRELESS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INBOUND FILTER
The Inbound Filter option is an advanced method of controlling data received from the Internet. With this feature you can configure inbound data filtering rules that control data based on an IP address range.
Inbound Filters can be used for limiting access to a server on your network to a system or group of systems. Filter rules can be used with Virtual Server, Port Forwarding, or Remote Administration features.
ADD INBOUND FILTER RULE
Name :
Action :
Deny
Source IP Range :
Enable Source IP Start Source IP End
0.0.0.0 255.255.255.255
Add
Clear
INBOUND FILTER RULES LIST
Name
Action
Source IP Range
Helpful Hints...
Give each rule a Name that is meaningful to you.
Each rule can either Allow or Deny access from the WAN.
Up to eight ranges of WAN IP addresses can be controlled by each rule. The checkbox by each IP range can be used to disable ranges already defined.
The starting and ending IP addresses are WAN-side address.
Click the Add or Update button to store a finished rule in the Rules List below.
Click the Edit icon in the Rules List to change a rule.
Click the Delete icon in the Rules List to permanently remove a rule.
More...
WIRELESS

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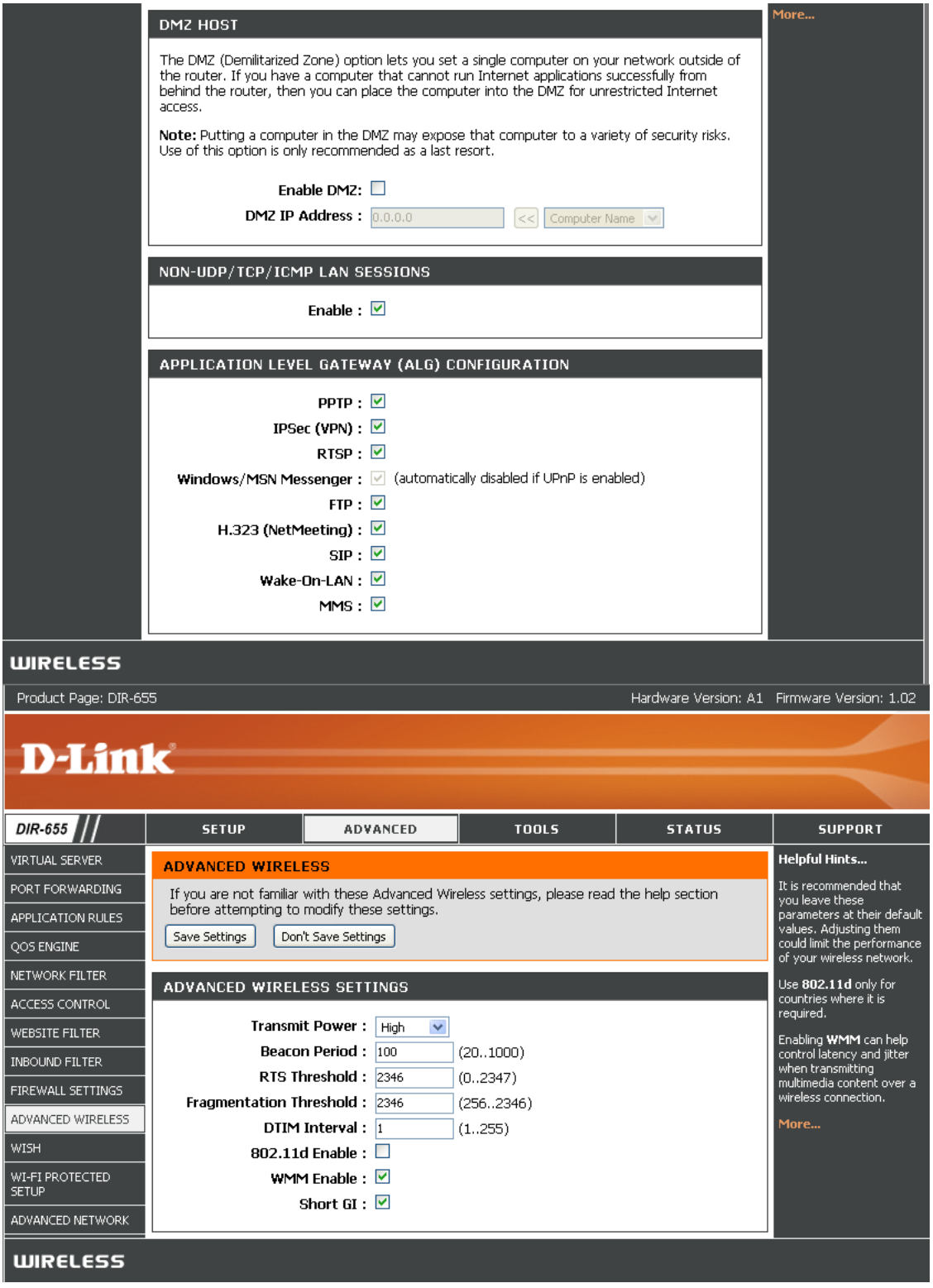
FIREWALL SETTINGS
The Firewall Settings allow you to set a single computer on your network outside of the router.
Save Settings
Don't Save Settings
FIREWALL SETTINGS
Enable SPI :
NAT ENDPOINT FILTERING
UDP Endpoint Filtering:
Endpoint Independent
Address Restricted
Port And Address Restricted
TCP Endpoint Filtering:
Endpoint Independent
Address Restricted
Port And Address Restricted
DMZ HOST
The DMZ (Demilitarized Zone) option lets you set a single computer on your network outside of the router. If you have a computer that cannot run Internet applications successfully from behind the router, then you can place the computer into the DMZ for unrestricted Internet access.
Note: Putting a computer in the DMZ may expose that computer to a variety of security risks. Use of this option is only recommended as a last resort.
Enable DMZ:
DMZ IP Address :
0.0.0.0
<<
Computer Name
Helpful Hints...
Enable the DMZ option only as a last resort. If you are having trouble using an application from a computer behind the router, first try opening ports associated with the application in the Virtual Server or Port Forwarding sections.
Non-UDP/TCP/ICMP LAN Sessions is normally enabled. It facilitates single VPN connections to a remote host.
ALGs provide special handling of the IP payload for some protocols and applications to make them work with network address translation (NAT). If you are having trouble using any of these applications, try both enabling and disabling the corresponding ALG.
More...


DMZ HOST
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Note: Putting a computer in the DMZ may expose that computer to a variety of security risks. Use of this option is only recommended as a last resort.
Enable DMZ:
DMZ IP Address :
0.0.0.0
<<
Computer Name
More...
NON-UDP/TCP/ICMP LAN SESSIONS
Enable :
APPLICATION LEVEL GATEWAY (ALG) CONFIGURATION
PPTP :
IPSec (VPN) :
RTSP :
Windows/MSN Messenger :
(automatically disabled if UPnP is enabled)
FTP :
H.323 (NetMeeting) :
SIP :
Wake-On-LAN :
MMS :
WIRELESS
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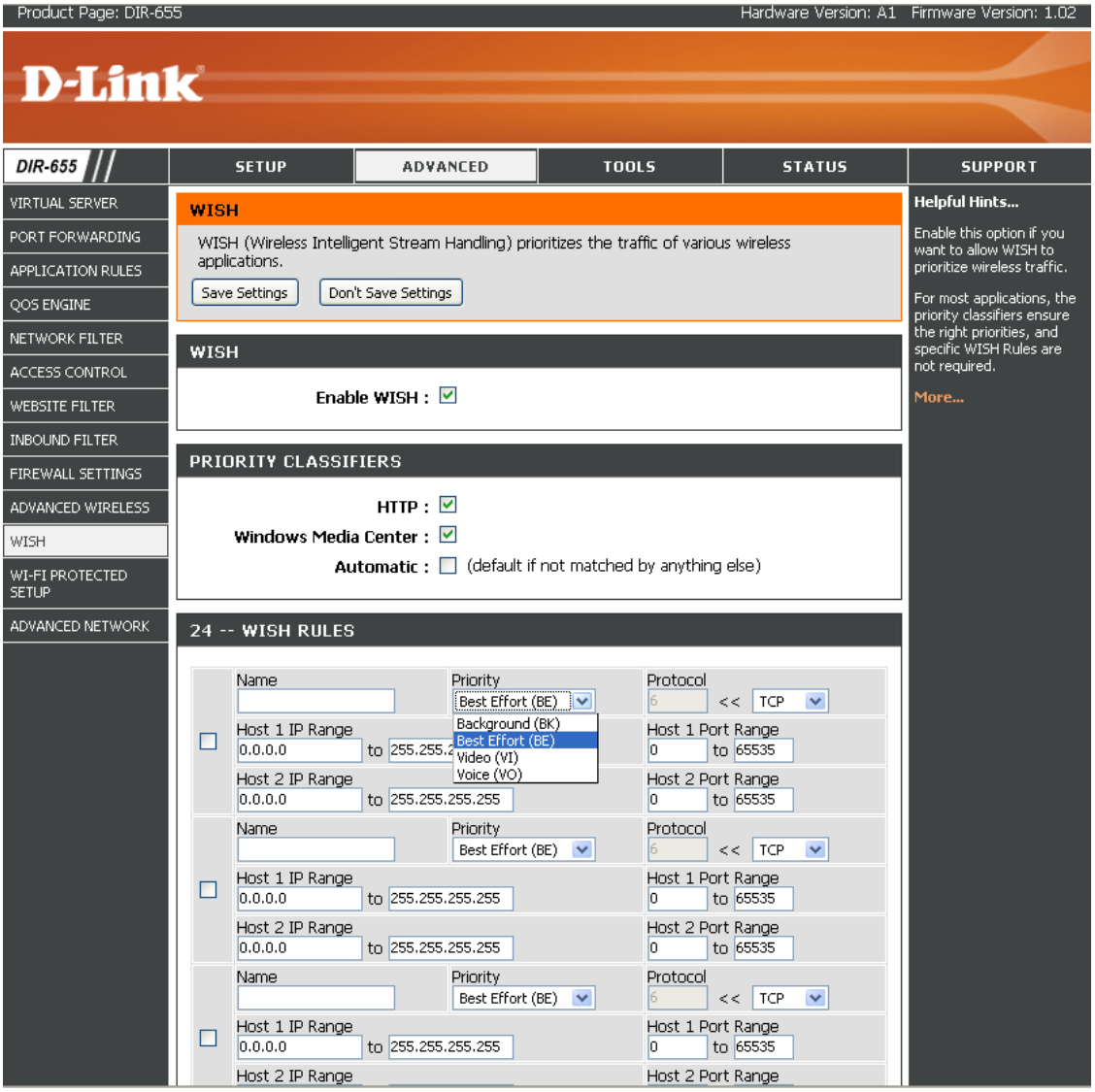
ACCESS CONTROL
WEBSITE FILTER
INBOUND FILTER
FIREWALL SETTINGS
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK
ADVANCED WIRELESS
If you are not familiar with these Advanced Wireless settings, please read the help section before attempting to modify these settings.
Save Settings
Don't Save Settings
ADVANCED WIRELESS SETTINGS
Transmit Power :
High
Beacon Period :
100
(20..1000)
RTS Threshold :
2346
(0..2347)
Fragmentation Threshold :
2346
(256..2346)
DTIM Interval :
1
(1..255)
802.11d Enable :
WMM Enable :
Short GI :
Helpful Hints...
It is recommended that you leave these parameters at their default values. Adjusting them could limit the performance of your wireless network.
Use 802.11d only for countries where it is required.
Enabling WMM can help control latency and jitter when transmitting multimedia content over a wireless connection.
More...
WIRELESS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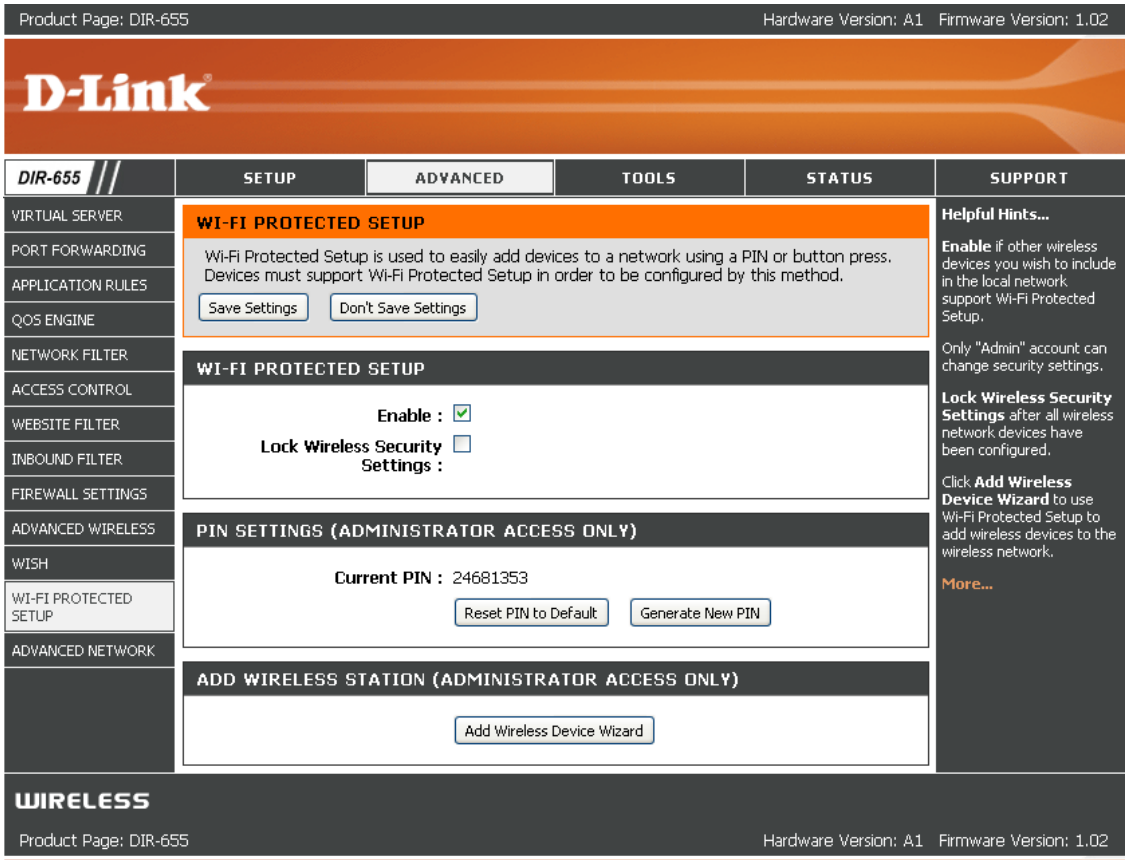
WISH
WISH (Wireless Intelligent Stream Handling) prioritizes the traffic of various wireless applications.
Save Settings
Don't Save Settings
WISH
Enable WISH :
PRIORITY CLASSIFIERS
HTTP :
Windows Media Center :
Automatic : (default if not matched by anything else)
24 -- WISH RULES
Name
Priority
Best Effort (BE)
Background (BK)
Best Effort (BE)
Video (VI)
Voice (VO)
Protocol
TCP
Host 1 IP Range
0.0.0.0 to 255.255.255.255
Host 1 Port Range
0 to 65535
Host 2 IP Range
0.0.0.0 to 255.255.255.255
Host 2 Port Range
0 to 65535
Helpful Hints...
Enable this option if you want to allow WISH to prioritize wireless traffic.
For most applications, the priority classifiers ensure the right priorities, and specific WISH Rules are not required.
More...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ADVANCED NETWORK
WI-FI PROTECTED SETUP
Wi-Fi Protected Setup is used to easily add devices to a network using a PIN or button press. Devices must support Wi-Fi Protected Setup in order to be configured by this method.
Save Settings
Don't Save Settings
WI-FI PROTECTED SETUP
Enable :
Lock Wireless Security Settings :
PIN SETTINGS (ADMINISTRATOR ACCESS ONLY)
Current PIN : 24681353
Reset PIN to Default
Generate New PIN
ADD WIRELESS STATION (ADMINISTRATOR ACCESS ONLY)
Add Wireless Device Wizard
Helpful Hints...
Enable if other wireless devices you wish to include in the local network support Wi-Fi Protected Setup.
Only "Admin" account can change security settings.
Lock Wireless Security Settings after all wireless network devices have been configured.
Click Add Wireless Device Wizard to use Wi-Fi Protected Setup to add wireless devices to the wireless network.
More...
WIRELESS
Product Page: DIR-655
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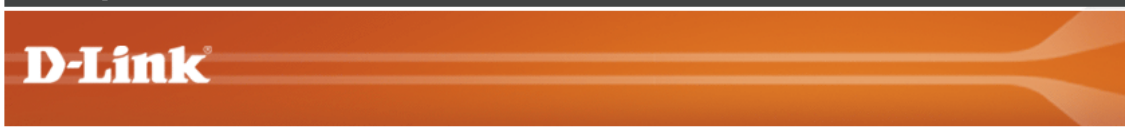
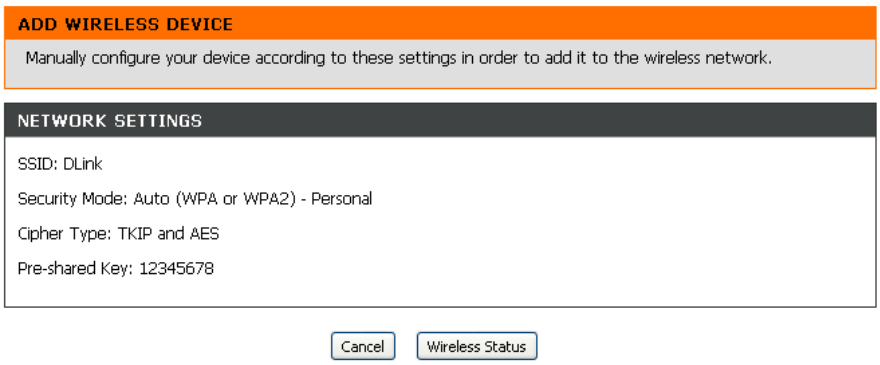

D-Link


ADD WIRELESS DEVICE
Manually configure your device according to these settings in order to add it to the wireless network.
NETWORK SETTINGS
SSID: DLink
Security Mode: Auto (WPA or WPA2) - Personal
Cipher Type: TKIP and AES
Pre-shared Key: 12345678
Cancel
Wireless Status

WIRELESS

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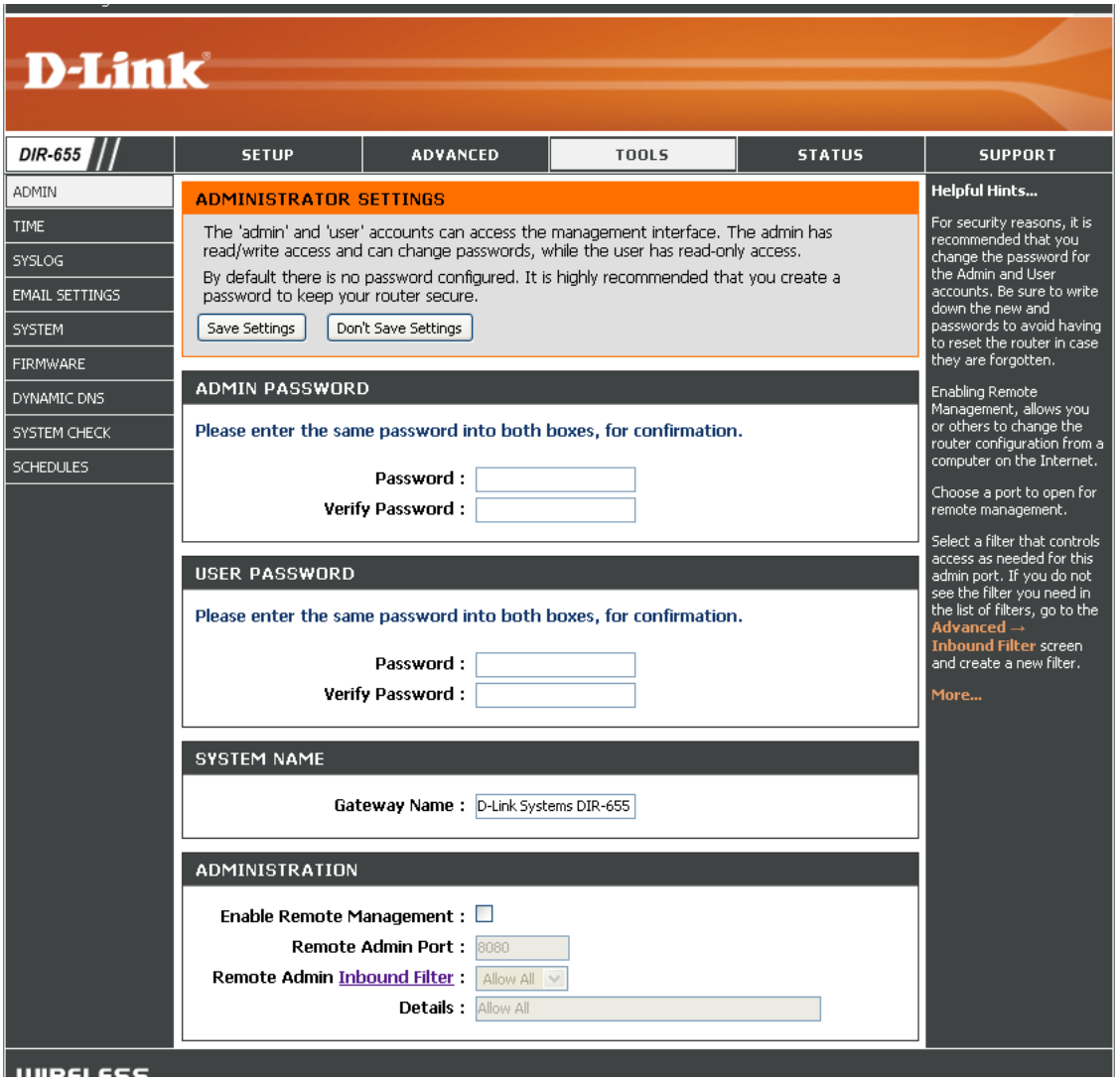
ADVANCED NETWORK
ADVANCED NETWORK
If you are not familiar with these Advanced Network settings, please read the help section before attempting to modify these settings.
Save Settings
Don't Save Settings
UPNP
Universal Plug and Play (UPnP) supports peer-to-peer Plug and Play functionality for network devices.
Enable UPnP :
WAN PING
If you enable this feature, the WAN port of your router will respond to ping requests from the Internet that are sent to the WAN IP Address.
Enable WAN Ping Respond :
WAN Ping Inbound Filter :
Allow All
Details :
Allow All
WAN PORT SPEED
WAN Port Speed :
Auto 10/100/1000Mbps
MULTICAST STREAMS
Enable Multicast Streams :
Helpful Hints...
UPnP helps other UPnP LAN hosts interoperate with the router. Leave the UPnP option enabled as long as the LAN has other UPnP applications.
For added security, it is recommended that you disable the WAN Ping Respond option. Ping is often used by malicious Internet users to locate active networks or PCs.
The WAN speed is usually detected automatically. If you are having problems connecting to the WAN, try selecting the speed manually.
If you are having trouble receiving multicast streams from the Internet, make sure the Multicast Streams option is enabled.
More...
WIRELESS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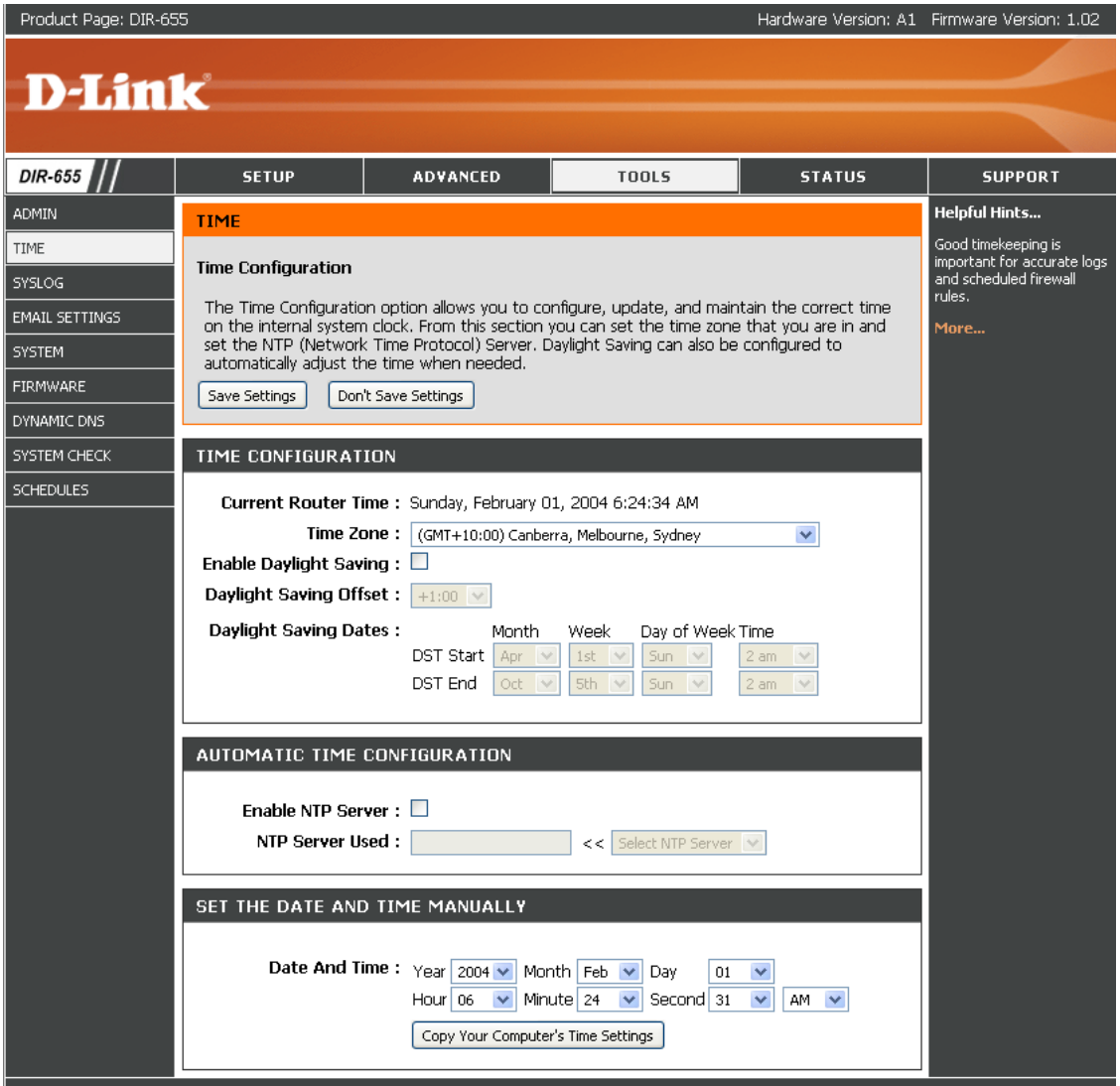
SUPPORT
ADMIN
TIME
SYSLOG
EMAIL SETTINGS
SYSTEM
FIRMWARE
DYNAMIC DNS
SYSTEM CHECK
SCHEDULES
ADMINISTRATOR SETTINGS
The 'admin' and 'user' accounts can access the management interface. The admin has read/write access and can change passwords, while the user has read-only access.
By default there is no password configured. It is highly recommended that you create a password to keep your router secure.
Save Settings
Don't Save Settings
ADMIN PASSWORD
Please enter the same password into both boxes, for confirmation.
Password :
Verify Password :
USER PASSWORD
Please enter the same password into both boxes, for confirmation.
Password :
Verify Password :
SYSTEM NAME
Gateway Name :
D-Link Systems DIR-655
ADMINISTRATION
Enable Remote Management :
Remote Admin Port :
8080
Remote Admin Inbound Filter :
Allow All
Details :
Allow All
Helpful Hints...
For security reasons, it is recommended that you change the password for the Admin and User accounts. Be sure to write down the new and passwords to avoid having to reset the router in case they are forgotten.
Enabling Remote Management, allows you or others to change the router configuration from a computer on the Internet.
Choose a port to open for remote management.
Select a filter that controls access as needed for this admin port. If you do not see the filter you need in the list of filters, go to the Advanced → Inbound Filter screen and create a new filter.
More...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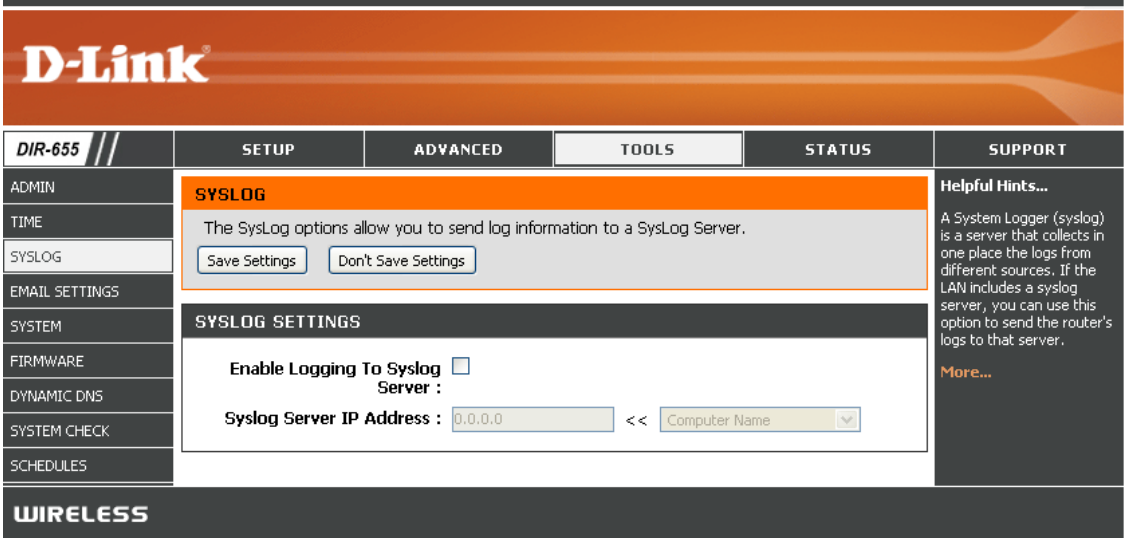
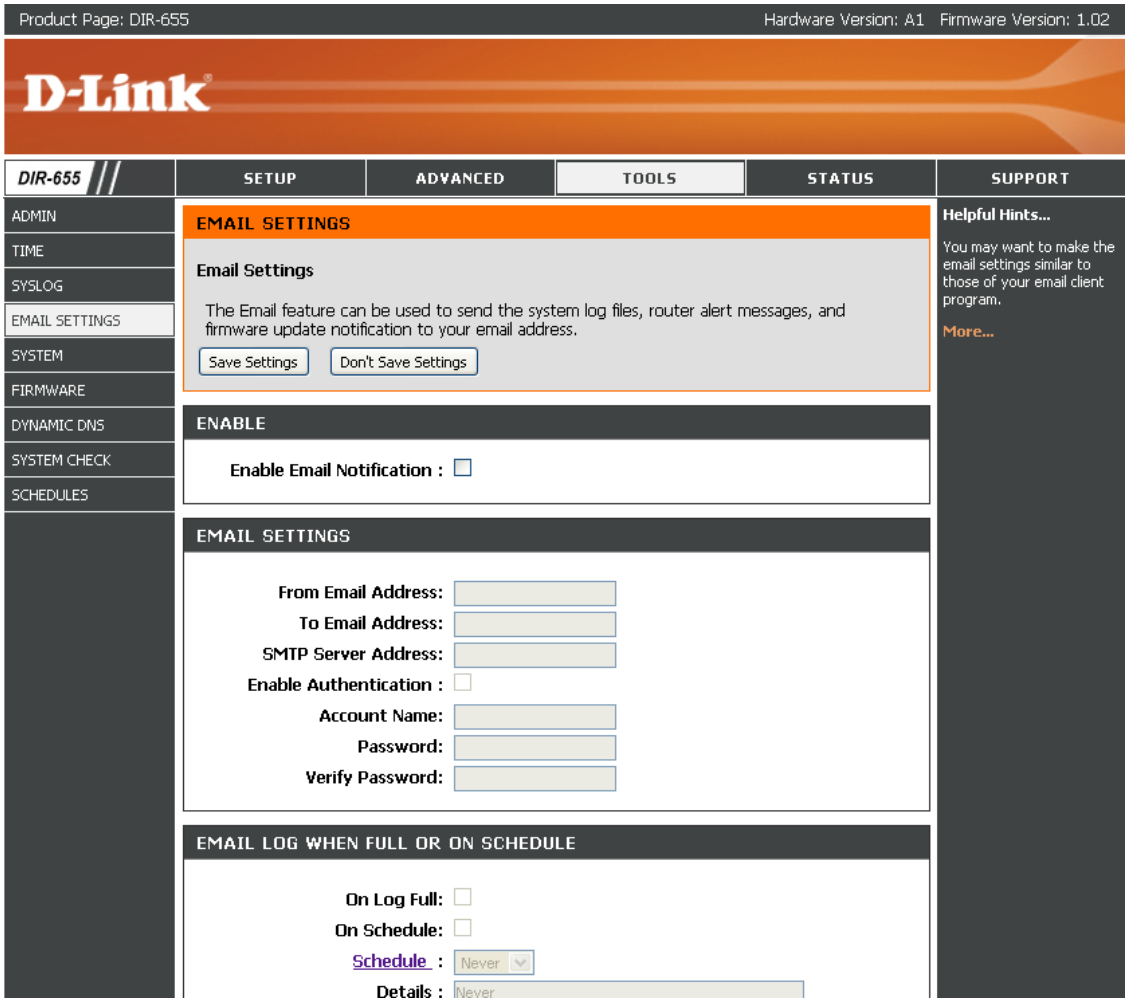
TIME
Time Configuration
The Time Configuration option allows you to configure, update, and maintain the correct time on the internal system clock. From this section you can set the time zone that you are in and set the NTP (Network Time Protocol) Server. Daylight Saving can also be configured to automatically adjust the time when needed.
Save Settings
Don't Save Settings
TIME CONFIGURATION
Current Router Time : Sunday, February 01, 2004 6:24:34 AM
Time Zone : (GMT+10:00) Canberra, Melbourne, Sydney
Enable Daylight Saving :
Daylight Saving Offset : +1:00
Daylight Saving Dates : Month Week Day of Week Time
DST Start Apr 1st Sun 2 am
DST End Oct 5th Sun 2 am
AUTOMATIC TIME CONFIGURATION
Enable NTP Server :
NTP Server Used : << Select NTP Server
SET THE DATE AND TIME MANUALLY
Date And Time : Year 2004 Month Feb Day 01
Hour 06 Minute 24 Second 31 AM
Copy Your Computer's Time Settings
Helpful Hints...
Good timekeeping is important for accurate logs and scheduled firewall rules.
More...


Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
ADMIN
TIME
SYSLOG
EMAIL SETTINGS
SYSTEM
FIRMWARE
DYNAMIC DNS
SYSTEM CHECK
SCHEDULES
SYSLOG
The SysLog options allow you to send log information to a SysLog Server.
Save Settings
Don't Save Settings
SYSLOG SETTINGS
Enable Logging To Syslog Server :
Syslog Server IP Address : 0.0.0.0 << Computer Name
Helpful Hints...
A System Logger (syslog) is a server that collects in one place the logs from different sources. If the LAN includes a syslog server, you can use this option to send the router's logs to that server.
More...
WIRELESS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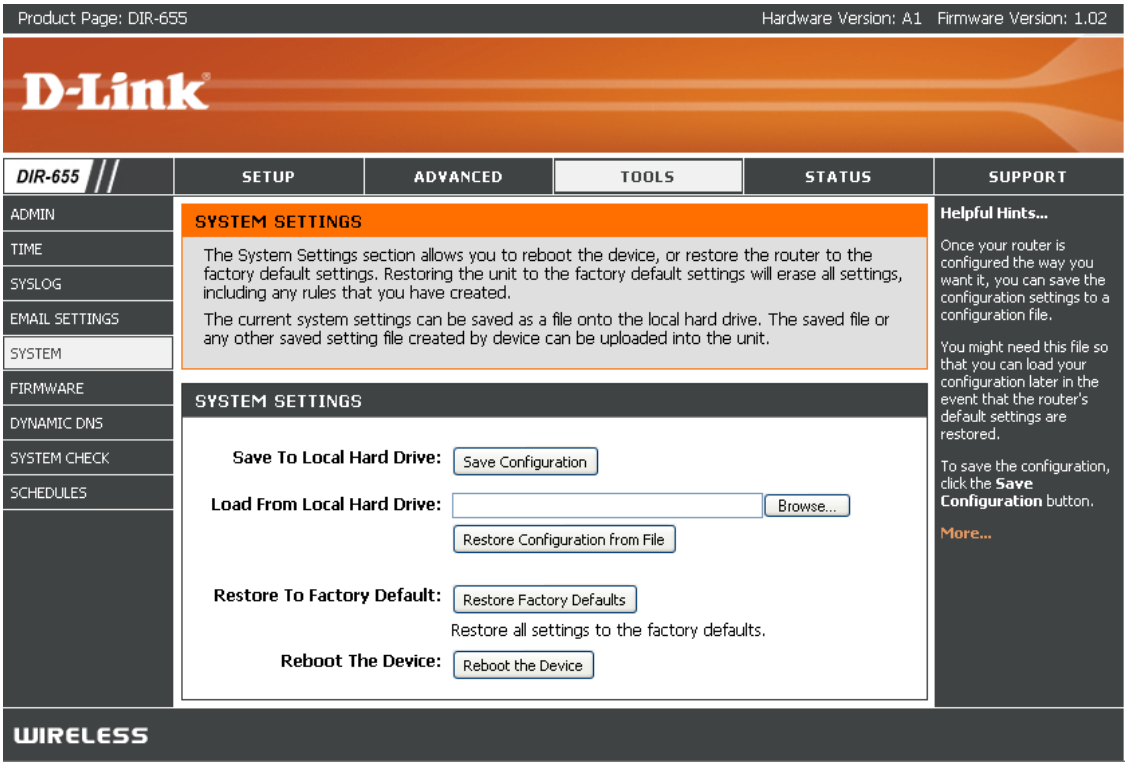
SYSTEM CHECK
SCHEDULES
EMAIL SETTINGS
Email Settings
The Email feature can be used to send the system log files, router alert messages, and firmware update notification to your email address.
Save Settings
Don't Save Settings
ENABLE
Enable Email Notification :
EMAIL SETTINGS
From Email Address:
To Email Address:
SMTP Server Address:
Enable Authentication :
Account Name:
Password:
Verify Password:
EMAIL LOG WHEN FULL OR ON SCHEDULE
On Log Full:
On Schedule:
Schedule :
Never
Details :
Never
Helpful Hints...
You may want to make the email settings similar to those of your email client program.
More...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SYSTEM CHECK
SCHEDULES
SYSTEM SETTINGS
The System Settings section allows you to reboot the device, or restore the router to the factory default settings. Restoring the unit to the factory default settings will erase all settings, including any rules that you have created.
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 device can be uploaded into the unit.
SYSTEM SETTINGS
Save To Local Hard Drive:
Save Configuration
Load From Local Hard Drive:
Browse...
Restore Configuration from File
Restore To Factory Default:
Restore Factory Defaults
Restore all settings to the factory defaults.
Reboot The Device:
Reboot the Device
Helpful Hints...
Once your router is configured the way you want it, you can save the configuration settings to a configuration file.
You might need this file so that you can load your configuration later in the event that the router's default settings are restored.
To save the configuration, click the Save Configuration button.
More...
WIRELESS

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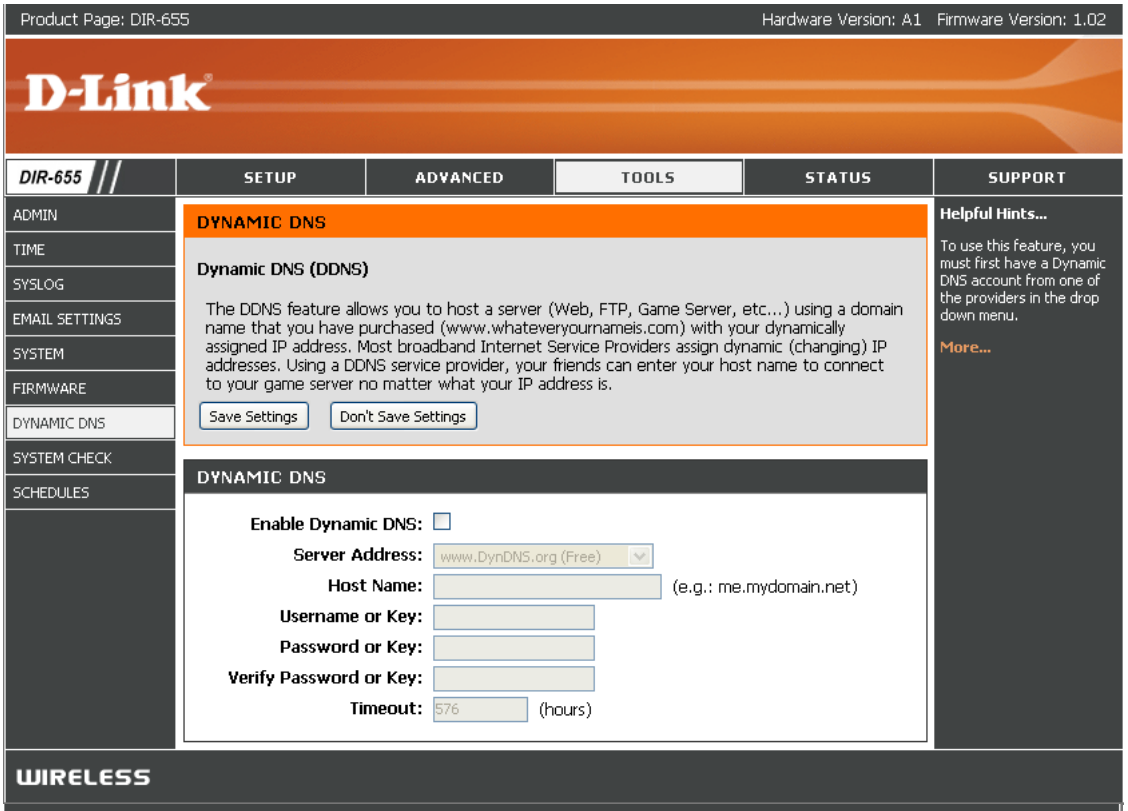
FIRMWARE
The Firmware Upgrade section can be used to update to the latest firmware code to improve functionality and performance.
If you would like to be notified when new firmware is released, place a checkmark in the box next to Email Notification of Newer Firmware Version.
Save Settings
Don't Save Settings
FIRMWARE INFORMATION
Current Firmware Version : 1.02
Current Firmware Date : 2006/10/13
Latest Firmware Version : 1.02
Click here to access firmware online.
FIRMWARE UPGRADE
Note: Some firmware upgrades reset the configuration options to the factory defaults. Before performing an upgrade, be sure to save the current configuration from the Tools -> Admin screen.
To upgrade the firmware, your PC must have a wired connection to the router. Enter the name of the firmware upgrade file, and click on the Upload button.
Upload :
Browse...
Upload
FIRMWARE UPGRADE NOTIFICATION OPTIONS
Automatically Check Online for Latest Firmware Version :
Email Notification of Newer Firmware Version :
Helpful Hints...
Firmware updates are released periodically to improve the functionality of your router and to add features. If you run into a problem with a specific feature of the router, check if updated firmware is available for your router.
More...
WIRELESS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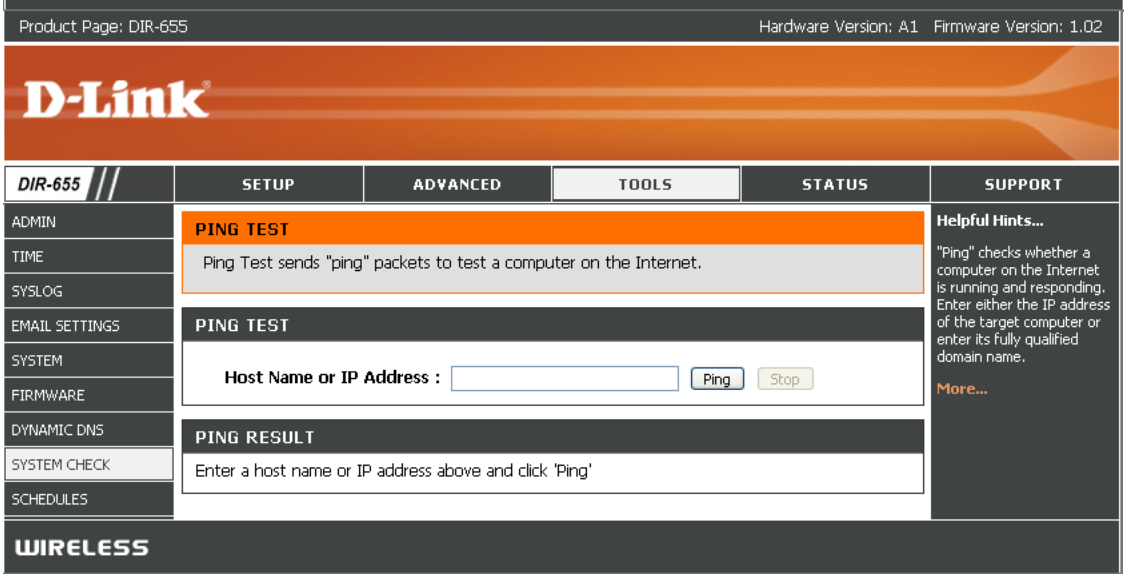
SCHEDULES
DYNAMIC DNS
Dynamic DNS (DDNS)
The DDNS feature allows you to host a server (Web, FTP, Game Server, etc...) using a domain name that you have purchased (www.whateveryournameis.com) with your dynamically assigned IP address. Most broadband Internet Service Providers assign dynamic (changing) IP addresses. Using a DDNS service provider, your friends can enter your host name to connect to your game server no matter what your IP address is.
Save Settings
Don't Save Settings
DYNAMIC DNS
Enable Dynamic DNS:
Server Address:
www.DynDNS.org (Free)
Host Name:
(e.g.: me.mydomain.net)
Username or Key:
Password or Key:
Verify Password or Key:
Timeout:
576
(hours)
Helpful Hints...
To use this feature, you must first have a Dynamic DNS account from one of the providers in the drop down menu.
More...
WIRELESS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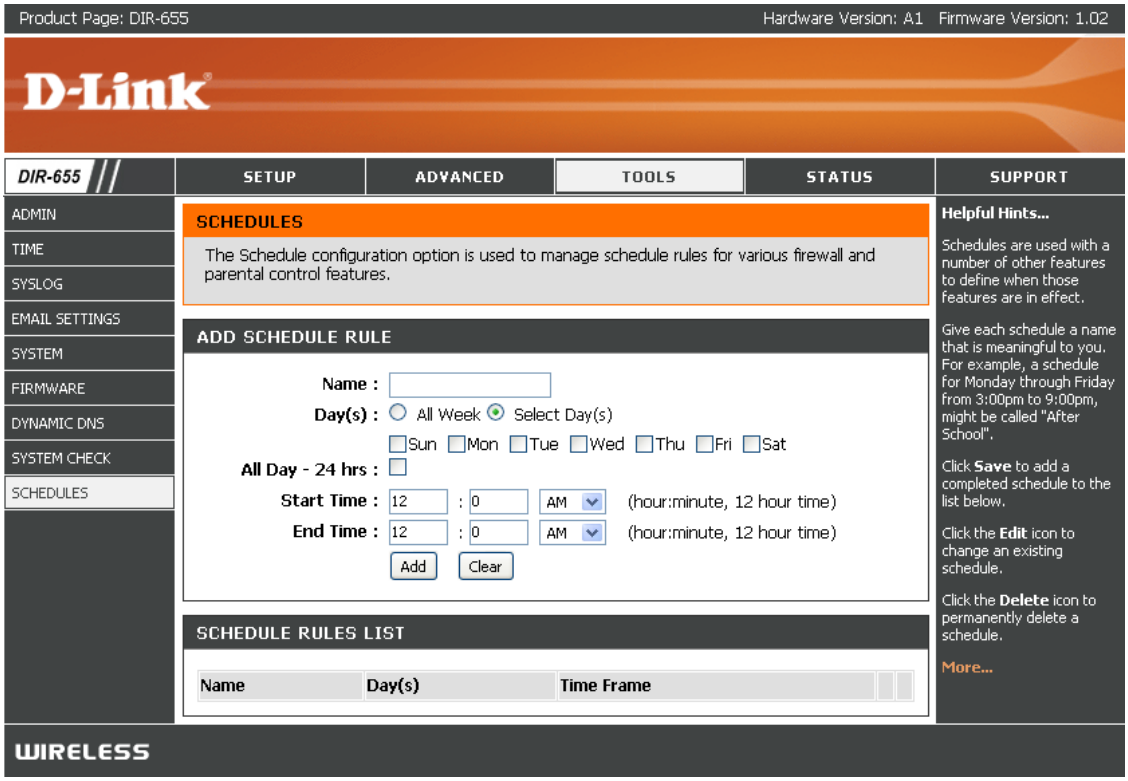
EMAIL SETTINGS
SYSTEM
FIRMWARE
DYNAMIC DNS
SYSTEM CHECK
SCHEDULES
PING TEST
Ping Test sends "ping" packets to test a computer on the Internet.
PING TEST
Host Name or IP Address :
Ping
Stop
PING RESULT
Enter a host name or IP address above and click 'Ping'
Helpful Hints...
"Ping" checks whether a computer on the Internet is running and responding. Enter either the IP address of the target computer or enter its fully qualified domain name.
More...
WIRELESS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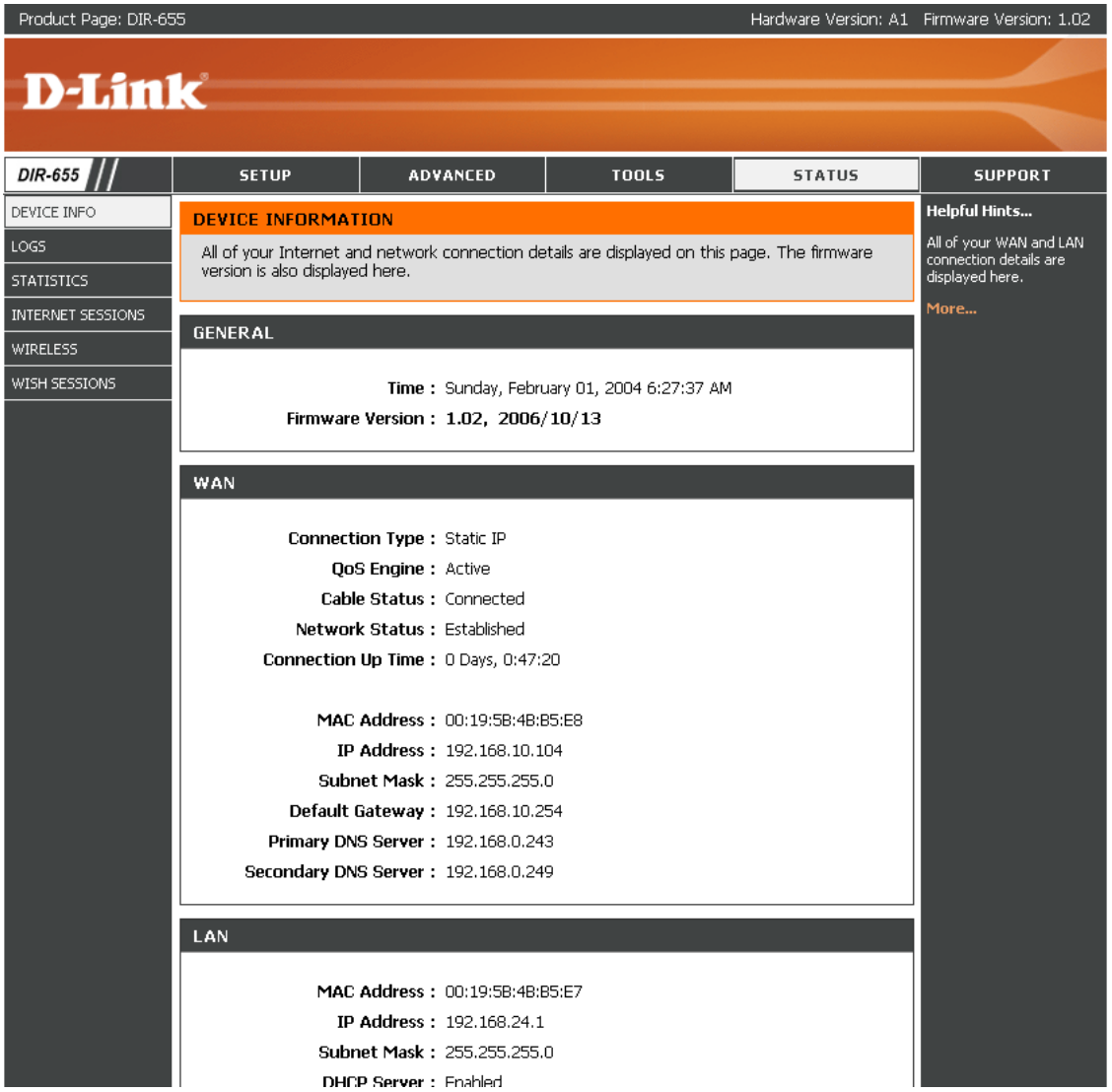
SCHEDULES
The Schedule configuration option is used to manage schedule rules for various firewall and parental control features.
ADD SCHEDULE RULE
Name :
Day(s) : All Week Select Day(s)
Sun Mon Tue Wed Thu Fri Sat
All Day - 24 hrs :
Start Time : 12 : 0 AM (hour:minute, 12 hour time)
End Time : 12 : 0 AM (hour:minute, 12 hour time)
Add Clear
SCHEDULE RULES LIST
Name
Day(s)
Time Frame
Helpful Hints...
Schedules are used with a number of other features to define when those features are in effect.
Give each schedule a name that is meaningful to you. For example, a schedule for Monday through Friday from 3:00pm to 9:00pm, might be called "After School".
Click Save to add a completed schedule to the list below.
Click the Edit icon to change an existing schedule.
Click the Delete icon to permanently delete a schedule.
More...
WIRELESS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Hardware Version: A1 Firmware Version: 1.02
D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
DEVICE INFO
LOGS
STATISTICS
INTERNET SESSIONS
WIRELESS
WISH SESSIONS
DEVICE INFORMATION
All of your Internet and network connection details are displayed on this page. The firmware version is also displayed here.
GENERAL
Time : Sunday, February 01, 2004 6:27:37 AM
Firmware Version : 1.02, 2006/10/13
WAN
Connection Type : Static IP
QoS Engine : Active
Cable Status : Connected
Network Status : Established
Connection Up Time : 0 Days, 0:47:20
MAC Address : 00:19:5B:4B:B5:E8
IP Address : 192.168.10.104
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.10.254
Primary DNS Server : 192.168.0.243
Secondary DNS Server : 192.168.0.249
LAN
MAC Address : 00:19:5B:4B:B5:E7
IP Address : 192.168.24.1
Subnet Mask : 255.255.255.0
DHCP Server : Enabled
Helpful Hints...
All of your WAN and LAN connection details are displayed here.
More...

MAC Address : 00:19:5B:4B:B5:E8
IP Address : 192.168.10.104
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.10.254
Primary DNS Server : 192.168.0.243
Secondary DNS Server : 192.168.0.249

LAN

MAC Address : 00:19:5B:4B:B5:E7
IP Address : 192.168.24.1
Subnet Mask : 255.255.255.0
DHCP Server : Enabled

WIRELESS LAN

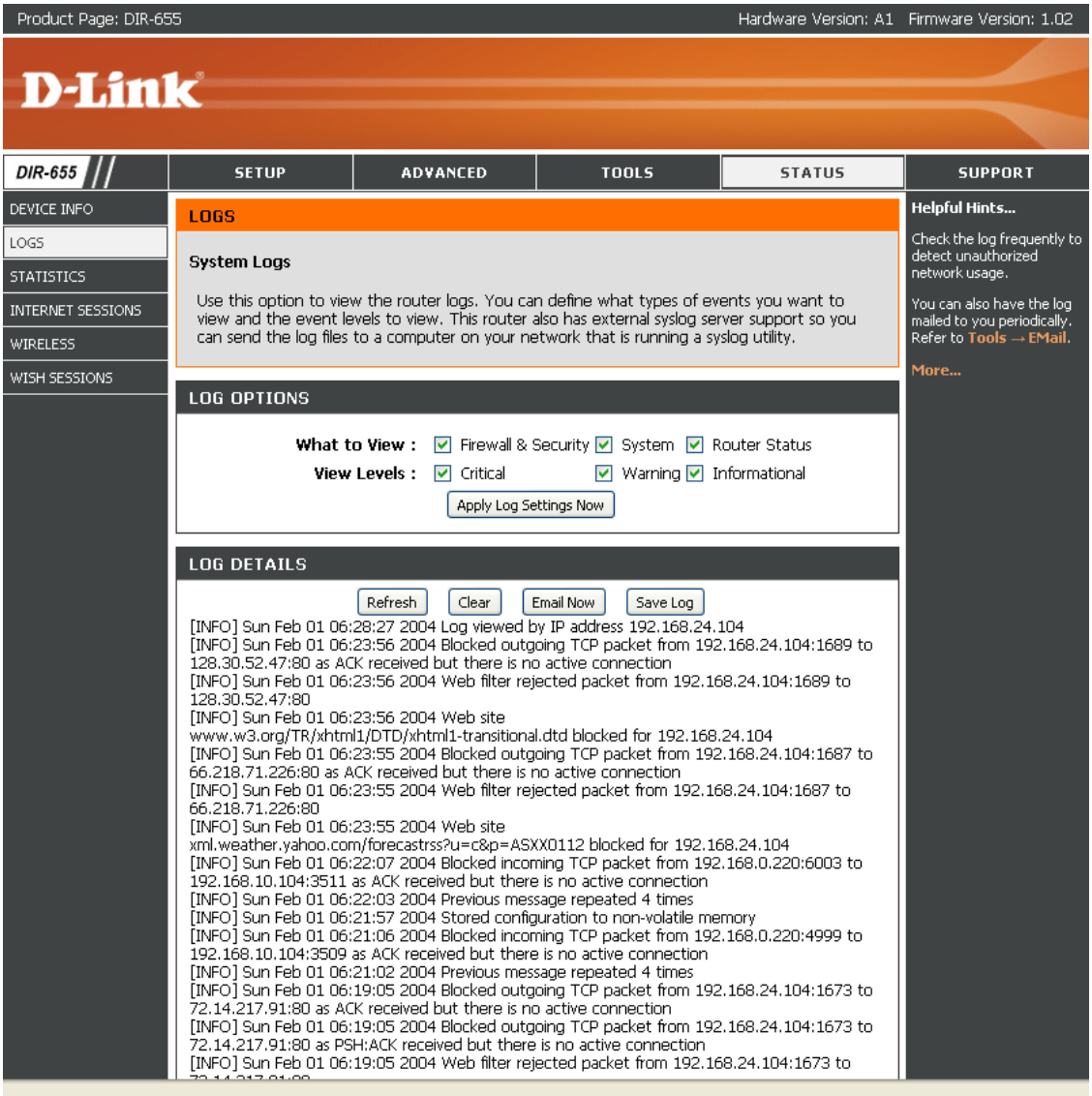
Wireless Radio : Enabled
WISH : Active
MAC Address : 00:19:5B:4B:B5:E7
Network Name (SSID) : DLink
Channel : 2
Security Mode : WPA/WPA2 - Personal
Wi-Fi Protected Setup : Enabled/Configured

LAN COMPUTERS

IP Address	Name (if any)	MAC
192.168.24.104		00:80:c8:da:11:e3

IGMP MULTICAST MEMBERSHIPS

Multicast Group Address
239.255.255.250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DIR-655
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WIRELESS
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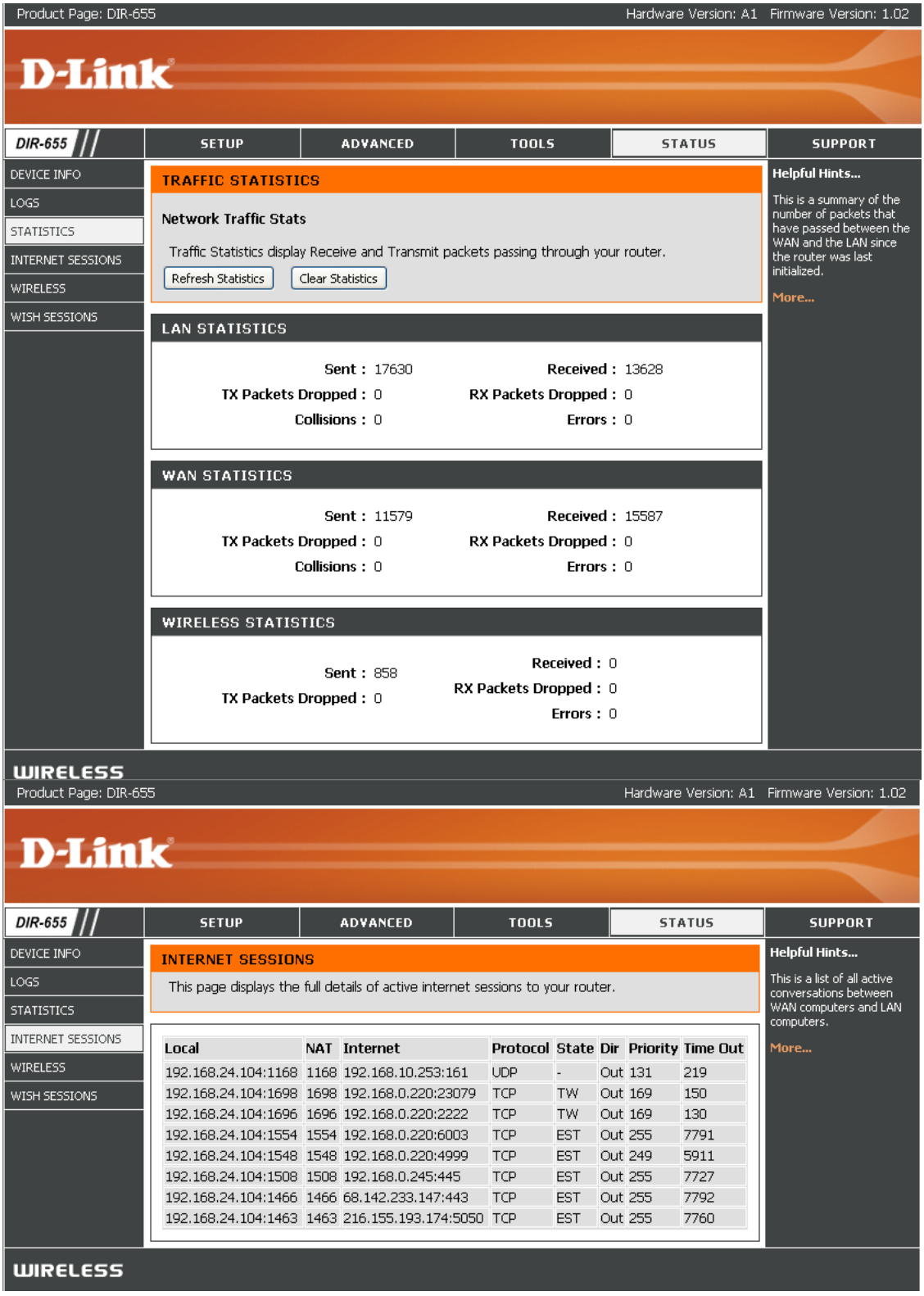
LOGS
System Logs
Use this option to view the router logs. You can define what types of events you want to view and the event levels to view. This router also has external syslog server support so you can send the log files to a computer on your network that is running a syslog utility.
LOG OPTIONS
What to View : Firewall & Security System Router Status
View Levels : Critical Warning Informational
Apply Log Settings Now
LOG DETAILS
Refresh Clear Email Now Save Log
[INFO] Sun Feb 01 06:28:27 2004 Log viewed by IP address 192.168.24.104
[INFO] Sun Feb 01 06:23:56 2004 Blocked outgoing TCP packet from 192.168.24.104:1689 to 128.30.52.47:80 as ACK received but there is no active connection
[INFO] Sun Feb 01 06:23:56 2004 Web filter rejected packet from 192.168.24.104:1689 to 128.30.52.47:80
[INFO] Sun Feb 01 06:23:56 2004 Web site www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd blocked for 192.168.24.104
[INFO] Sun Feb 01 06:23:55 2004 Blocked outgoing TCP packet from 192.168.24.104:1687 to 66.218.71.226:80 as ACK received but there is no active connection
[INFO] Sun Feb 01 06:23:55 2004 Web filter rejected packet from 192.168.24.104:1687 to 66.218.71.226:80
[INFO] Sun Feb 01 06:23:55 2004 Web site xml.weather.yahoo.com/forecastrss?u=c&p=ASXX0112 blocked for 192.168.24.104
[INFO] Sun Feb 01 06:22:07 2004 Blocked incoming TCP packet from 192.168.0.220:6003 to 192.168.10.104:3511 as ACK received but there is no active connection
[INFO] Sun Feb 01 06:22:03 2004 Previous message repeated 4 times
[INFO] Sun Feb 01 06:21:57 2004 Stored configuration to non-volatile memory
[INFO] Sun Feb 01 06:21:06 2004 Blocked incoming TCP packet from 192.168.0.220:4999 to 192.168.10.104:3509 as ACK received but there is no active connection
[INFO] Sun Feb 01 06:21:02 2004 Previous message repeated 4 times
[INFO] Sun Feb 01 06:19:05 2004 Blocked outgoing TCP packet from 192.168.24.104:1673 to 72.14.217.91:80 as ACK received but there is no active connection
[INFO] Sun Feb 01 06:19:05 2004 Blocked outgoing TCP packet from 192.168.24.104:1673 to 72.14.217.91:80 as PSH:ACK received but there is no active connection
[INFO] Sun Feb 01 06:19:05 2004 Web filter rejected packet from 192.168.24.104:1673 to
Helpful Hints...
Check the log frequently to detect unauthorized network usage.
You can also have the log mailed to you periodically. Refer to Tools → EMail.
More...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DIR-655
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INTERNET SESSIONS
WIRELESS
WISH SESSIONS
TRAFFIC STATISTICS
Network Traffic Stats
Traffic Statistics display Receive and Transmit packets passing through your router.
Refresh Statistics
Clear Statistics
LAN STATISTICS
Sent : 17630
Received : 13628
TX Packets Dropped : 0
RX Packets Dropped : 0
Collisions : 0
Errors : 0
WAN STATISTICS
Sent : 11579
Received : 15587
TX Packets Dropped : 0
RX Packets Dropped : 0
Collisions : 0
Errors : 0
WIRELESS STATISTICS
Sent : 858
Received : 0
TX Packets Dropped : 0
RX Packets Dropped : 0
Errors : 0
Helpful Hints...
This is a summary of the number of packets that have passed between the WAN and the LAN since the router was last initialized.
More...
WIRELESS

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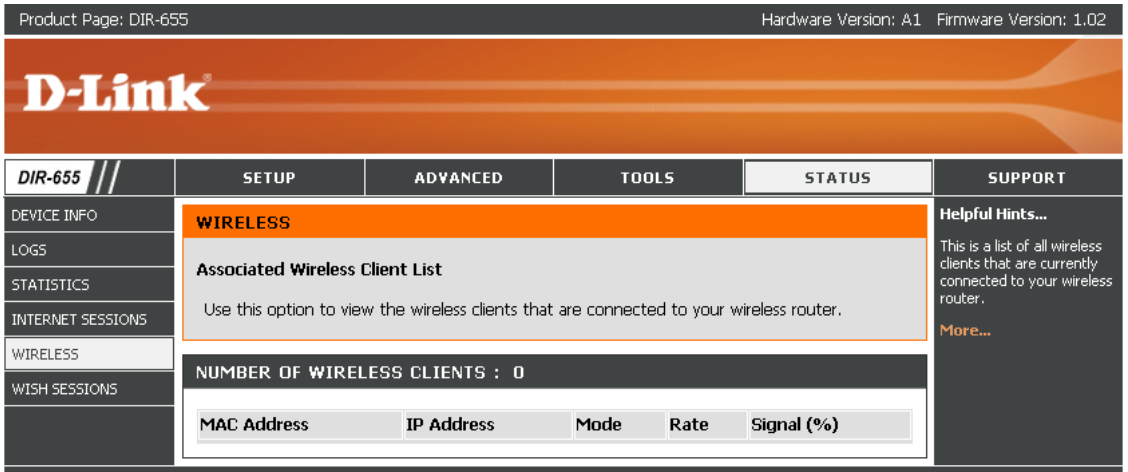
INTERNET SESSIONS
WIRELESS
WISH SESSIONS
INTERNET SESSIONS
This page displays the full details of active internet sessions to your router.
Local NAT Internet Protocol State Dir Priority Time Out
192.168.24.104:1168 1168 192.168.10.253:161 UDP - Out 131 219
192.168.24.104:1698 1698 192.168.0.220:23079 TCP TW Out 169 150
192.168.24.104:1696 1696 192.168.0.220:2222 TCP TW Out 169 130
192.168.24.104:1554 1554 192.168.0.220:6003 TCP EST Out 255 7791
192.168.24.104:1548 1548 192.168.0.220:4999 TCP EST Out 249 5911
192.168.24.104:1508 1508 192.168.0.245:445 TCP EST Out 255 7727
192.168.24.104:1466 1466 68.142.233.147:443 TCP EST Out 255 7792
192.168.24.104:1463 1463 216.155.193.174:5050 TCP EST Out 255 7760
Helpful Hints...
This is a list of all active conversations between WAN computers and LAN computers.
More...
WIRELESS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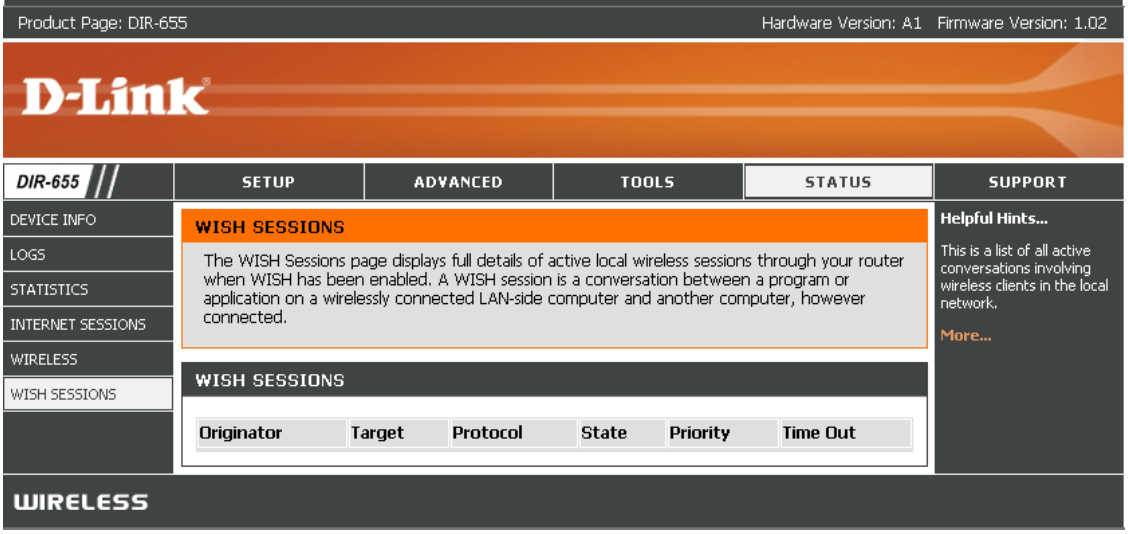
WIRELESS
WISH SESSIONS
WIRELESS
Associated Wireless Client List
Use this option to view the wireless clients that are connected to your wireless router.
NUMBER OF WIRELESS CLIENTS : 0
MAC Address
IP Address
Mode
Rate
Signal (%)
Helpful Hints...
This is a list of all wireless clients that are currently connected to your wireless router.
More...
WIRELESS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DEVICE INFO
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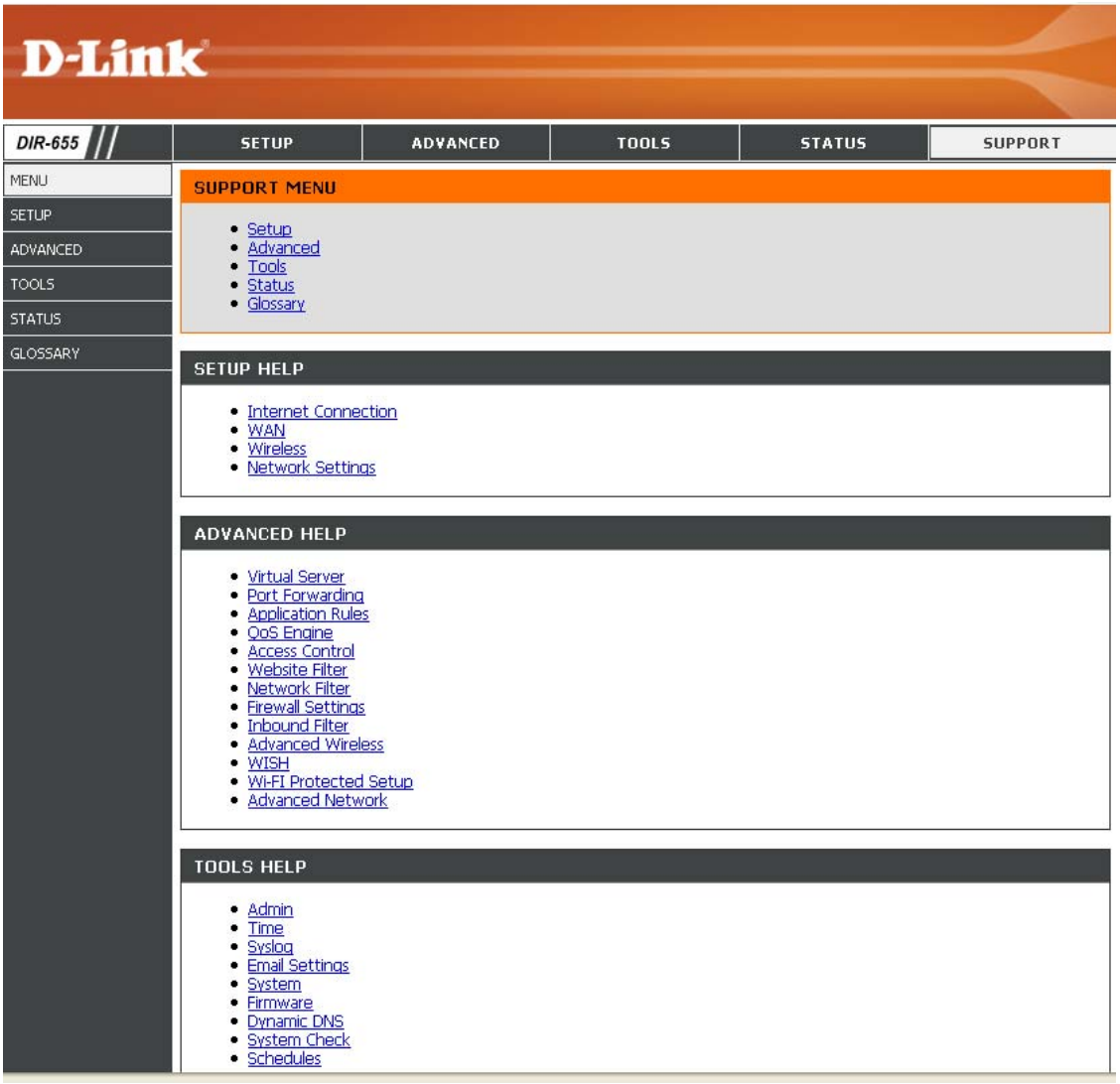
INTERNET SESSIONS
WIRELESS
WISH SESSIONS
WISH SESSIONS
The WISH Sessions page displays full details of active local wireless sessions through your router when WISH has been enabled. A WISH session is a conversation between a program or application on a wirelessly connected LAN-side computer and another computer, however connected.
WISH SESSIONS
Originator
Target
Protocol
State
Priority
Time Out
Helpful Hints...
This is a list of all active conversations involving wireless clients in the local network.
More...
WIRELESS


D-Link
DIR-655
SETUP
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MENU
SETUP
ADVANCED
TOOLS
STATUS
GLOSSARY
SUPPORT MENU
Setup
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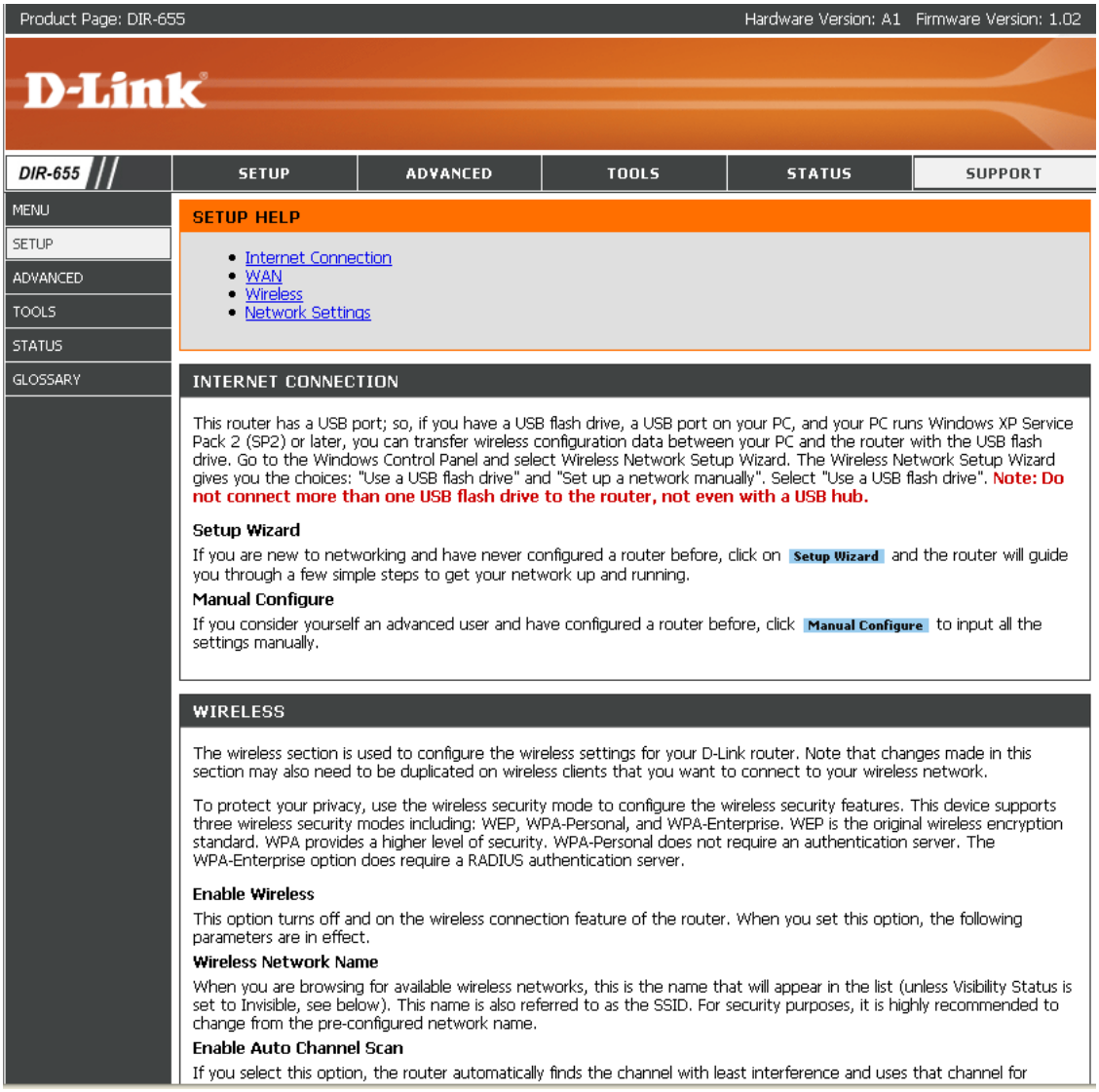
Tools
Status
Glossary
SETUP HELP
Internet Connection
WAN
Wireless
Network Settings
ADVANCED HELP
Virtual Server
Port Forwarding
Application Rules
QoS Engine
Access Control
Website Filter
Network Filter
Firewall Settings
Inbound Filter
Advanced Wireless
WISH
Wi-FI Protected Setup
Advanced Network
TOOLS HELP
Admin
Time
Syslog
Email Settings
System
Firmware
Dynamic DNS
System Check
Schedules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DIR-655
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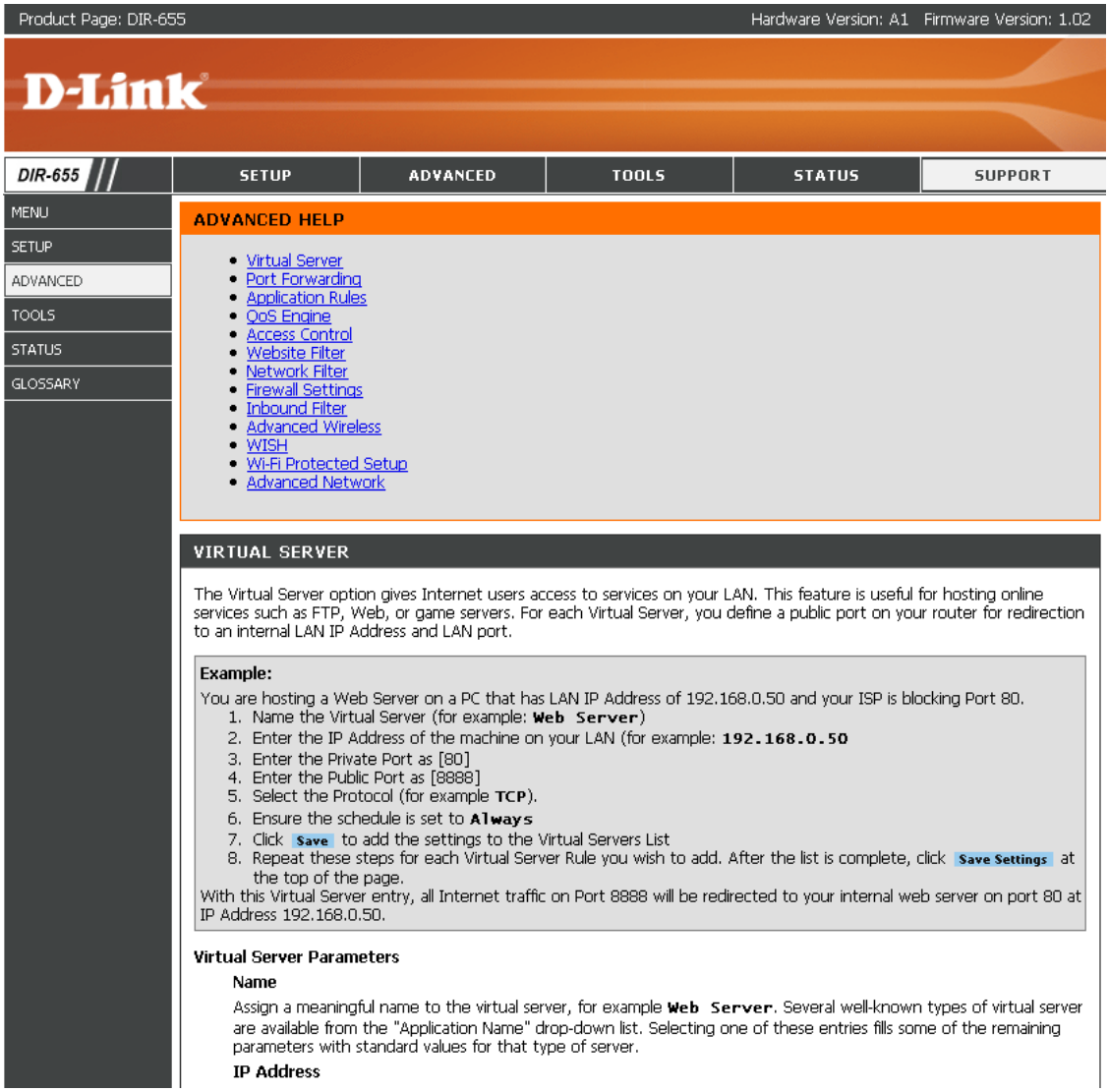
ADVANCED
TOOLS
STATUS
SUPPORT
MENU
SETUP
ADVANCED
TOOLS
STATUS
GLOSSARY
SETUP HELP
Internet Connection
WAN
Wireless
Network Settings
INTERNET CONNECTION
This router has a USB port; so, if you have a USB flash drive, a USB port on your PC, and your PC runs Windows XP Service Pack 2 (SP2) or later, you can transfer wireless configuration data between your PC and the router with the USB flash drive. Go to the Windows Control Panel and select Wireless Network Setup Wizard. The Wireless Network Setup Wizard gives you the choices: "Use a USB flash drive" and "Set up a network manually". Select "Use a USB flash drive". Note: Do not connect more than one USB flash drive to the router, not even with a USB hub.
Setup Wizard
If you are new to networking and have never configured a router before, click on Setup Wizard and the router will guide you through a few simple steps to get your network up and running.
Manual Configure
If you consider yourself an advanced user and have configured a router before, click Manual Configure to input all the settings manually.
WIRELESS
The wireless section is used to configure the wireless settings for your D-Link router. Note that changes made in this section may also need to be duplicated on wireless clients that you want to connect to your wireless network.
To protect your privacy, use the wireless security mode to configure the wireless security features. This device supports three wireless security modes including: WEP, WPA-Personal, and WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option does require a RADIUS authentication server.
Enable Wireless
This option turns off and on the wireless connection feature of the router. When you set this option, the following parameters are in effect.
Wireless Network Name
When you are browsing for available wireless networks, this is the name that will appear in the list (unless Visibility Status is set to Invisible, see below). This name is also referred to as the SSID. For security purposes, it is highly recommended to change from the pre-configured network name.
Enable Auto Channel Scan
If you select this option, the router automatically finds the channel with least interference and uses that channel for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DIR-655
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MENU
SETUP
ADVANCED
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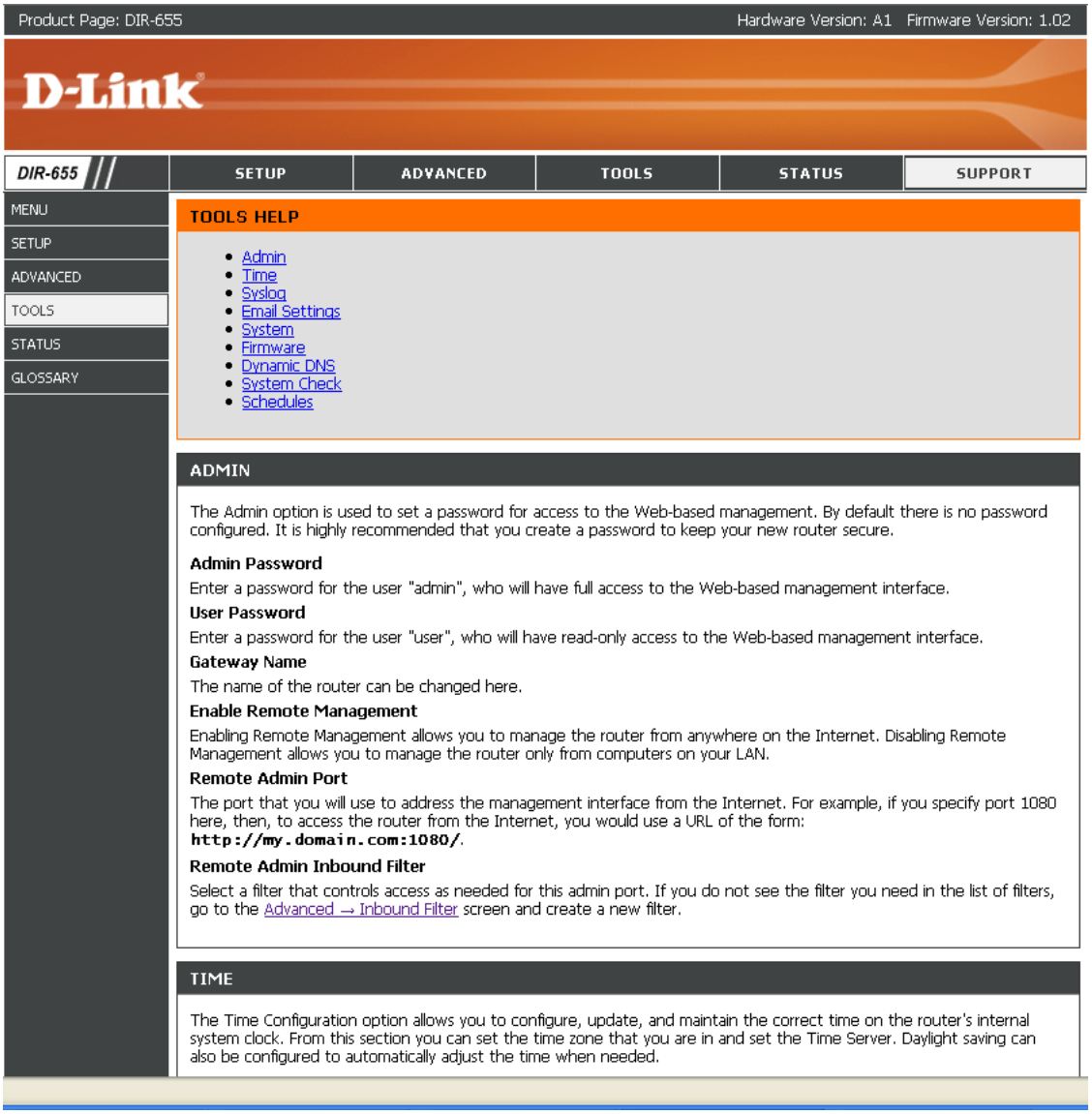
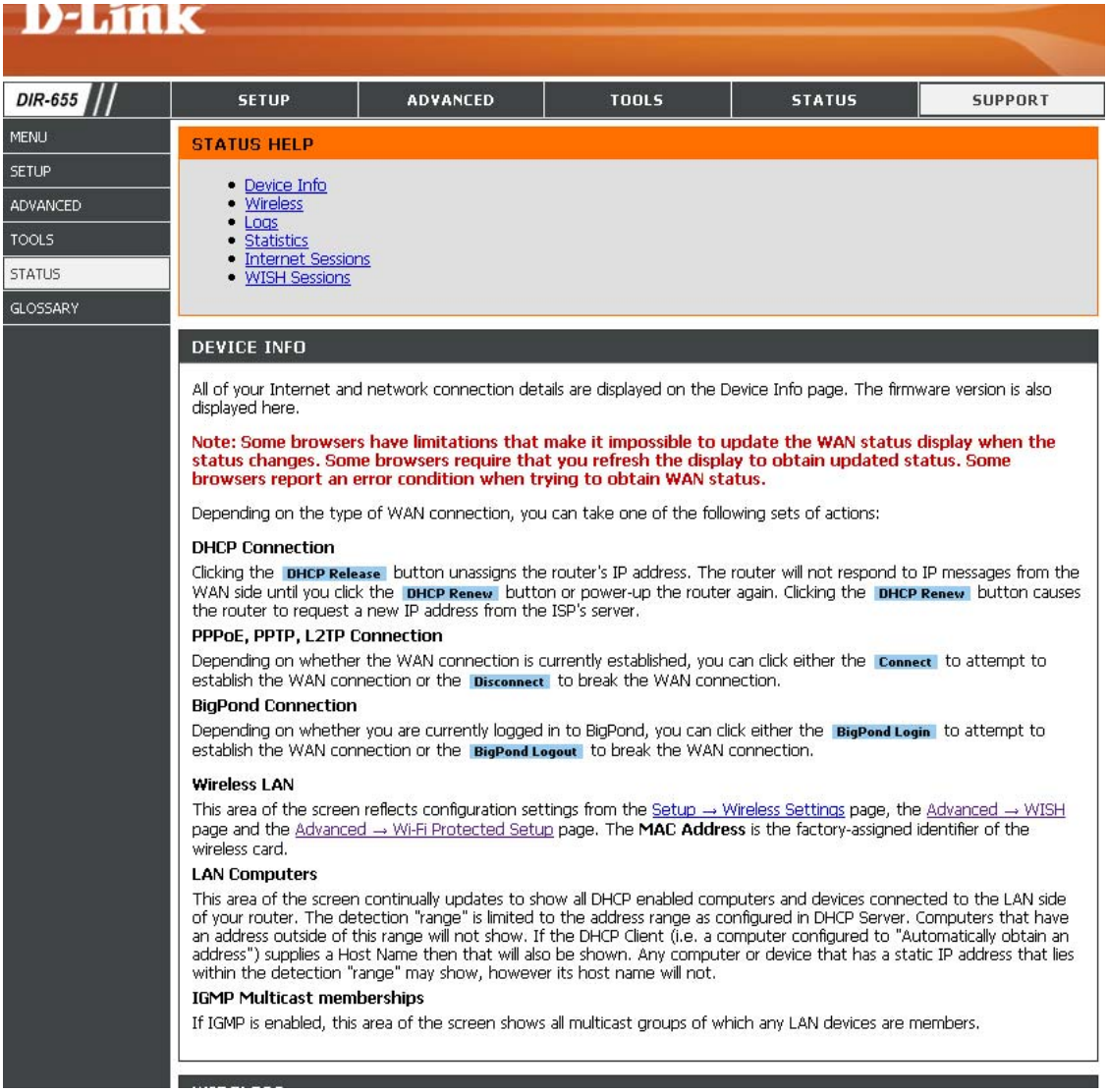
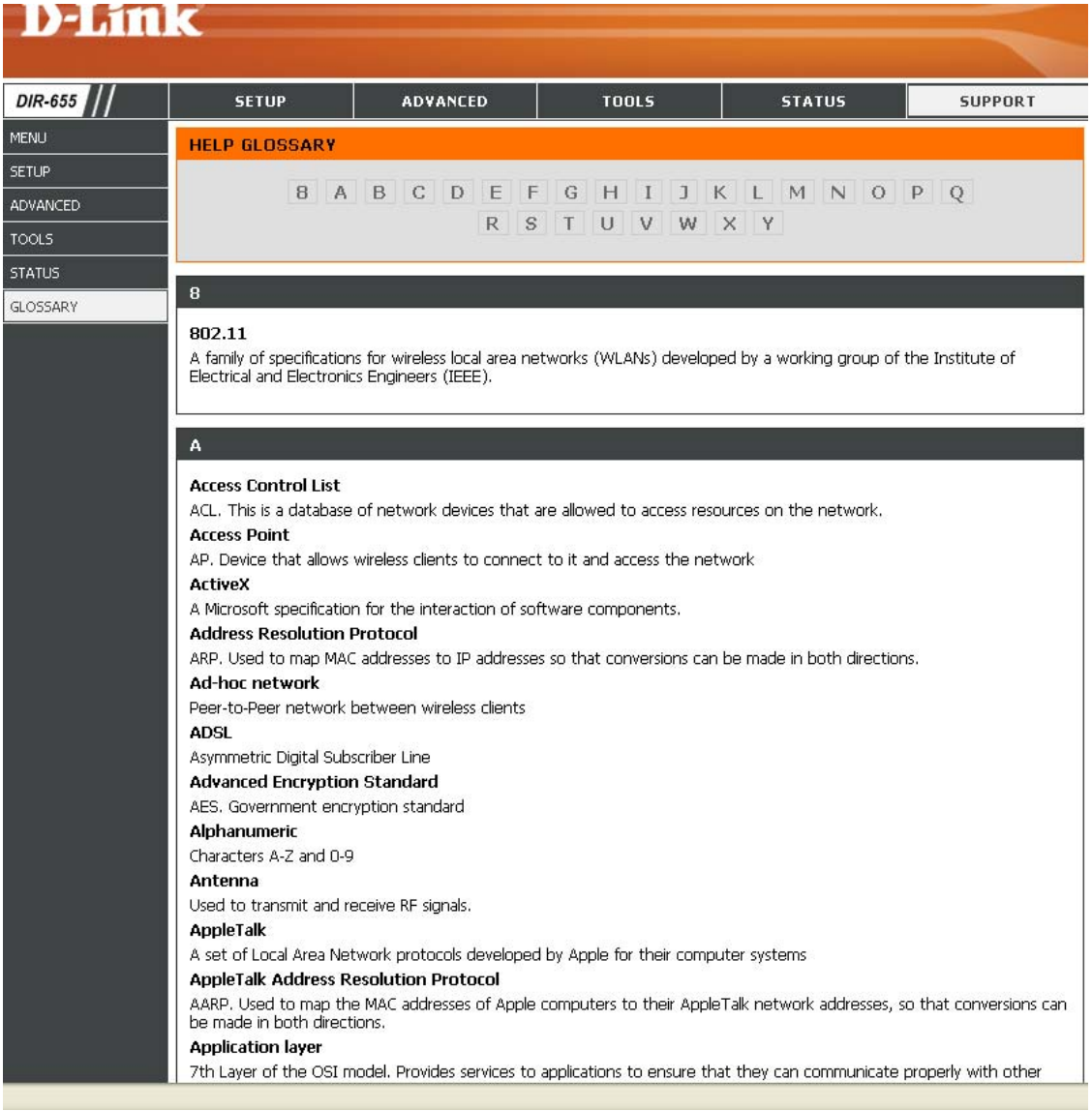
ADVANCED HELP
Virtual Server
Port Forwarding
Application Rules
QoS Engine
Access Control
Website Filter
Network Filter
Firewall Settings
Inbound Filter
Advanced Wireless
WISH
Wi-Fi Protected Setup
Advanced Network
VIRTUAL SERVER
The Virtual Server option gives Internet users access to services on your LAN. This feature is useful for hosting online services such as FTP, Web, or game servers. For each Virtual Server, you define a public port on your router for redirection to an internal LAN IP Address and LAN port.
Example:
You are hosting a Web Server on a PC that has LAN IP Address of 192.168.0.50 and your ISP is blocking Port 80.
1. Name the Virtual Server (for example: Web Server)
2. Enter the IP Address of the machine on your LAN (for example: 192.168.0.50
3. Enter the Private Port as [80]
4. Enter the Public Port as [8888]
5. Select the Protocol (for example TCP).
6. Ensure the schedule is set to Always
7. Click Save to add the settings to the Virtual Servers List
8. Repeat these steps for each Virtual Server Rule you wish to add. After the list is complete, click Save Settings at the top of the page.
With this Virtual Server entry, all Internet traffic on Port 8888 will be redirected to your internal web server on port 80 at IP Address 192.168.0.50.
Virtual Server Parameters
Name
Assign a meaningful name to the virtual server, for example Web Server. Several well-known types of virtual server are available from the "Application Name" drop-down list. Selecting one of these entries fills some of the remaining parameters with standard values for that type of server.
IP Address


Product Page: DIR-655
Hardware Version: A1 Firmware Version: 1.02
D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
MENU
SETUP
ADVANCED
TOOLS
STATUS
GLOSSARY
TOOLS HELP
Admin
Time
Syslog
Email Settings
System
Firmware
Dynamic DNS
System Check
Schedules
ADMIN
The Admin option is used to set a password for access to the Web-based management. By default there is no password configured. It is highly recommended that you create a password to keep your new router secure.
Admin Password
Enter a password for the user "admin", who will have full access to the Web-based management interface.
User Password
Enter a password for the user "user", who will have read-only access to the Web-based management interface.
Gateway Name
The name of the router can be changed here.
Enable Remote Management
Enabling Remote Management allows you to manage the router from anywhere on the Internet. Disabling Remote Management allows you to manage the router only from computers on your LAN.
Remote Admin Port
The port that you will use to address the management interface from the Internet. For example, if you specify port 1080 here, then, to access the router from the Internet, you would use a URL of the form:
http://my.domain.com:1080/.
Remote Admin Inbound Filter
Select a filter that controls access as needed for this admin port. If you do not see the filter you need in the list of filters, go to the Advanced → Inbound Filter screen and create a new filter.
TIME
The Time Configuration option allows you to configure, update, and maintain the correct time on the router's internal system clock. From this section you can set the time zone that you are in and set the Time Server. Daylight saving can also be configured to automatically adjust the time when needed.


D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
MENU
SETUP
ADVANCED
TOOLS
STATUS
GLOSSARY
STATUS HELP
Device Info
Wireless
Logs
Statistics
Internet Sessions
WISH Sessions
DEVICE INFO
All of your Internet and network connection details are displayed on the Device Info page. The firmware version is also displayed here.
Note: Some browsers have limitations that make it impossible to update the WAN status display when the status changes. Some browsers require that you refresh the display to obtain updated status. Some browsers report an error condition when trying to obtain WAN status.
Depending on the type of WAN connection, you can take one of the following sets of actions:
DHCP Connection
Clicking the DHCP Release button unassigns the router's IP address. The router will not respond to IP messages from the WAN side until you click the DHCP Renew button or power-up the router again. Clicking the DHCP Renew button causes the router to request a new IP address from the ISP's server.
PPPoE, PPTP, L2TP Connection
Depending on whether the WAN connection is currently established, you can click either the Connect to attempt to establish the WAN connection or the Disconnect to break the WAN connection.
BigPond Connection
Depending on whether you are currently logged in to BigPond, you can click either the BigPond Login to attempt to establish the WAN connection or the BigPond Logout to break the WAN connection.
Wireless LAN
This area of the screen reflects configuration settings from the Setup → Wireless Settings page, the Advanced → WISH page and the Advanced → Wi-Fi Protected Setup page. The MAC Address is the factory-assigned identifier of the wireless card.
LAN Computers
This area of the screen continually updates to show all DHCP enabled computers and devices connected to the LAN side of your router. The detection "range" is limited to the address range as configured in DHCP Server. Computers that have an address outside of this range will not show. If the DHCP Client (i.e. a computer configured to "Automatically obtain an address") supplies a Host Name then that will also be shown. Any computer or device that has a static IP address that lies within the detection "range" may show, however its host name will not.
IGMP Multicast memberships
If IGMP is enabled, this area of the screen shows all multicast groups of which any LAN devices are members.


D-Link
DIR-655
SETUP
ADVANCED
TOOLS
STATUS
SUPPORT
MENU
SETUP
ADVANCED
TOOLS
STATUS
GLOSSARY
HELP GLOSSARY
8 A B C D E F G H I J K L M N O P Q
R S T U V W X Y
8
802.11
A family of specifications for wireless local area networks (WLANs) developed by a working group of the Institute of Electrical and Electronics Engineers (IEEE).
A
Access Control List
ACL. This is a database of network devices that are allowed to access resources on the network.
Access Point
AP. Device that allows wireless clients to connect to it and access the network
ActiveX
A Microsoft specification for the interaction of software components.
Address Resolution Protocol
ARP. Used to map MAC addresses to IP addresses so that conversions can be made in both directions.
Ad-hoc network
Peer-to-Peer network between wireless clients
ADSL
Asymmetric Digital Subscriber Line
Advanced Encryption Standard
AES. Government encryption standard
Alphanumeric
Characters A-Z and 0-9
Antenna
Used to transmit and receive RF signals.
AppleTalk
A set of Local Area Network protocols developed by Apple for their computer systems
AppleTalk Address Resolution Protocol
AARP. Used to map the MAC addresses of Apple computers to their AppleTalk network addresses, so that conversions can be made in both directions.
Application layer
7th Layer of the OSI model. Provides services to applications to ensure that they can communicate properly with other