



# Quick Installation Guide

DIR-655 – Xtreme N Gigabit Router

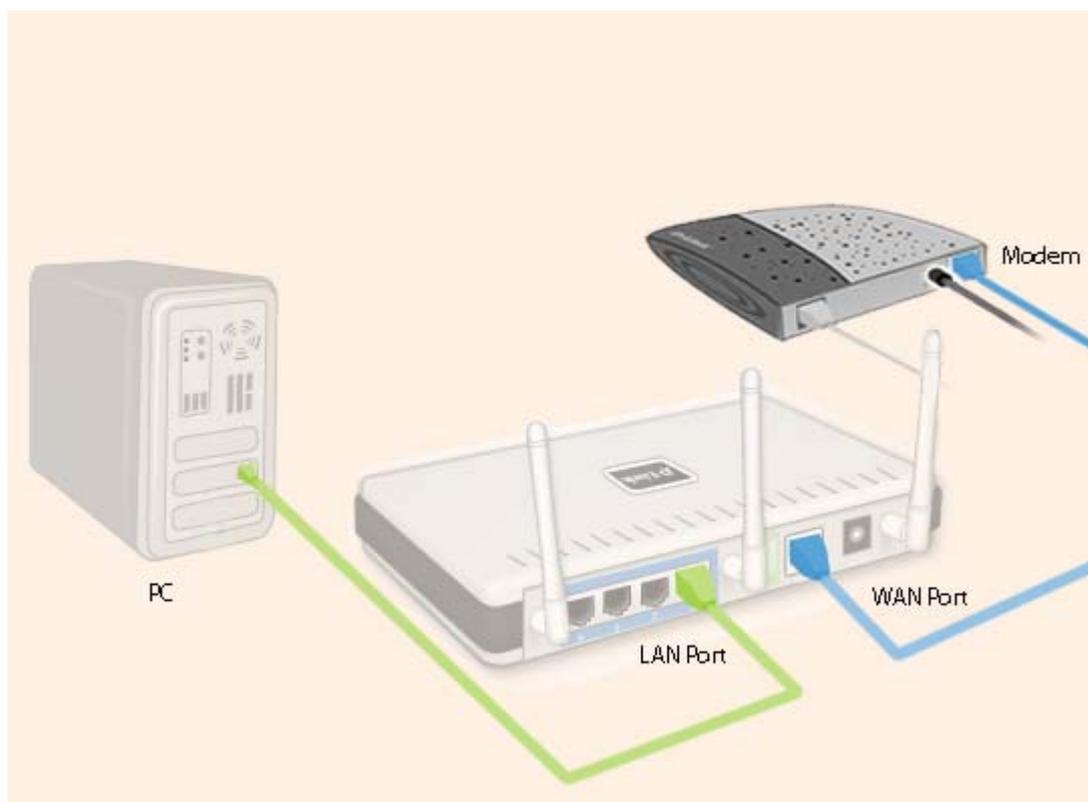
Version 1.0

## Chapter 1: How to setup DIR-655

**IMPORTANT :** Use only hard-wired network connections to do the setup.  
Please disable Windows Firewall on your computer to avoid login problem

**Step A :** Please ensure that the Cable modem or ADSL modem is turn off. Connect the supplied blue Ethernet cable from the WAN port of DIR-655 to the modem, and then connect the Ethernet cable from your computer into any of the 4 available LAN ports on DIR-655.

Please refer to the picture below.



**Step B :** Power up the **modem first** followed by DIR-655 router.

**Step C :** Launch Internet Explorer and enter <http://192.168.0.1> in the Address\URL field. You will see the log in page. Select **Admin** as the User name and leave the Password field empty. Click the "Log In" button.

**LOGIN**

Log in to the router:

User Name :

Password :

**Step D :** (1) Click "SETUP" from the top menu bar. (2) Click "INTERNET" from the left menu and (3) Click "Internet Connection Setup Wizard" button.

Product Page: DIR-655 Hardware Version: A3 Firmware Version: 1.11SH

**D-Link**

DIR-655 // **SETUP 1.** ADVANCED TOOLS STATUS SUPPORT

**INTERNET 2.**

**INTERNET CONNECTION**

There are two ways to set up your Internet connection: you can use the Web-based Internet Connection Setup Wizard, or you can manually configure the connection.

**INTERNET CONNECTION SETUP WIZARD**

If you would like to utilize our easy to use Web-based Wizards to assist you in connecting your new D-Link Systems Router to the Internet, click on the button below.

**Internet Connection Setup Wizard 3.**

**Note:** Before launching these wizards, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.

**MANUAL INTERNET CONNECTION OPTIONS**

If you would like to configure the Internet settings of your new D-Link Systems Router manually, then click on the button below.

Manual Internet Connection Setup

**Helpful Hints...**

If you are new to networking and have never configured a router before, click on **Internet Connection Setup Wizard** and the router will guide you through a few simple steps to get your network up and running.

If you consider yourself an advanced user and have configured a router before, click **Manual Internet Connection Setup** to input all the settings manually.

[More...](#)

**Step E :** To setup Internet Access, click "Next" button on the Welcome Screen.

Product Page: DIR-655 Hardware Version: A3 Firmware Version: 1.11SH

**D-Link**

**WELCOME TO THE D-LINK INTERNET CONNECTION SETUP WIZARD**

It appears that you have already successfully connected your new router to the Internet.

Click Next if you still want to secure the router with a password and set the time zone.

- Step 1: Set your Password
- Step 2: Select your Time Zone
- Step 3: Configure your Internet Connection
- Step 4: Save Settings and Connect

**1.**

Prev **Next** Cancel Connect

**WIRELESS**

**Step F :** (1) To prevent un-authorized amendments to your DIR-655 router settings, secure it by entering a password of your choice in the Password field. If you do not wish to secure your DIR-655 router, leave the Password field empty. (2) Click "Next" button to continue.

Product Page: DIR-655

Hardware Version: A3 Firmware Version: 1.11SH

**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:

1.

1. Password :

2. Verify Password :

Prev **Next** Cancel Connect

2.

## WIRELESS

**NOTE :** It is important that you remember the password of your router so that you are able to re-configure your router again in future. If you had forgotten your password, locate the "Reset" button behind the router. Press and hold the "Reset" button for 20 seconds in order to regain access to the configuration options.

**Step G :** (1) Select your country from the "Time Zone" drop down list. (2) Click "Next" button to continue.

Product Page: DIR-655

Hardware Version: A3 Firmware Version: 1.11SH

**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.

1.

1. Time Zone : (GMT+08:00) Kuala Lumpur, Singapore

2. Prev **Next** Cancel Connect

2.

## WIRELESS

**Step H :** If you are a ADSL modem subscriber, please skip Step H – Step K and proceed to **Step L**. If you are a Cable modem subscriber such as **‘StarHub MaxOnline’ (1)** Please select “DHCP Connection (Dynamic IP Address)” from the list and **(2)** Click “Next” button to proceed.



**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)** **1.**  
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)

**2.**

**Step I :** **(1)** Click “Clone Your PC’s MAC Address” if your Internet Service Provider requires it, else simply ignore and **(2)** Click “Next” button.

Product Page: DIR-655 Hardware Version: A3 Firmware Version: 1.11SH

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**DHCP CONNECTION (DYNAMIC IP ADDRESS)**

To set up this connection, please make sure that you are connected to the D-Link Router with the PC that was originally connected to your broadband connection. If you are, then click the Clone MAC button to copy your computer's MAC Address to the D-Link Router.

**MAC Address :**  (optional) **1.**  
  
**Host Name :**

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

**2.**

**WIRELESS**

**Step J :** Click the "Connect" button to complete setting Internet Access on your DIR-655 router.

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**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** 1.



**Step K :** (1) If you are shown with **REBOOT NEEDED** screen click the "Reboot Now" button so that changes can take effect on your DIR-655 router. (2) If not, to secure your Wireless Network, proceed to Chapter 2.

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Hardware Version: A3 Firmware Version: 1.11SH



**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



**Step L :** (1) Enter User Name and Password assigned by your ADSL Internet Service Provider in the field and (2) Click "Next" to continue.

**IMPORTANT :** Please enter User name and Password correctly as assigned by your Internet Service Provider. Failure to do so may prevent your router from connecting to the Internet.



**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 :**

**User Name :**

**Password :**

**Verify Password :**

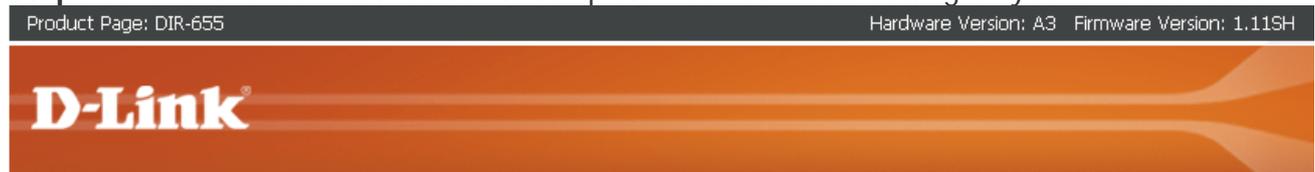
**Service Name :**  (optional)

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

2.

**WIRELESS**

**Step M :** Click the "Connect" button to complete Internet Access setting on your DIR-655 router.



**SETUP COMPLETE!**

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

1.

**WIRELESS**

**Step N :** If you are shown with **REBOOT NEEDED** screen , click the “Reboot Now” button so that changes can take effect on your DIR-655 router.

Product Page: DIR-655

Hardware Version: A3 Firmware Version: 1.11SH

**D-Link**

**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

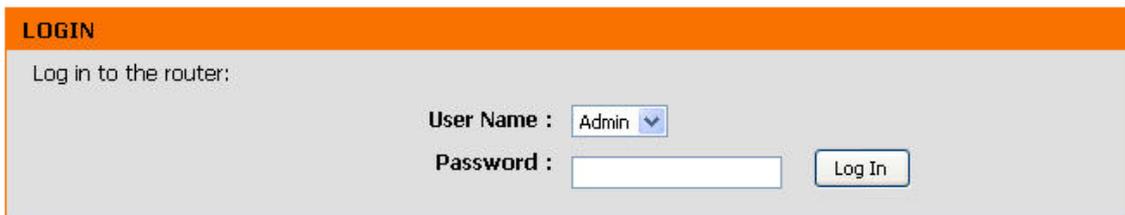
**WIRELESS**

**NOTE :** To Secure your Wireless Network, proceed to Chapter 2

## Chapter 2: How to secure your wireless network

**Note:** It is strongly recommended that you secure your wireless network to prevent intruders from accessing your personal resources. Intrusion to your private network can have adverse effects such as viewing your shared files, forging your identity online to commit crimes and etc. Therefore, you are strongly advised to follow the following steps to secure your private network.

**Step A :** Launch Internet Explorer and enter <http://192.168.0.1> in the Address\URL field. You will see the log in page. Select **Admin** as the User name and leave the Password field empty. Click the "Log In" button



**LOGIN**

Log in to the router:

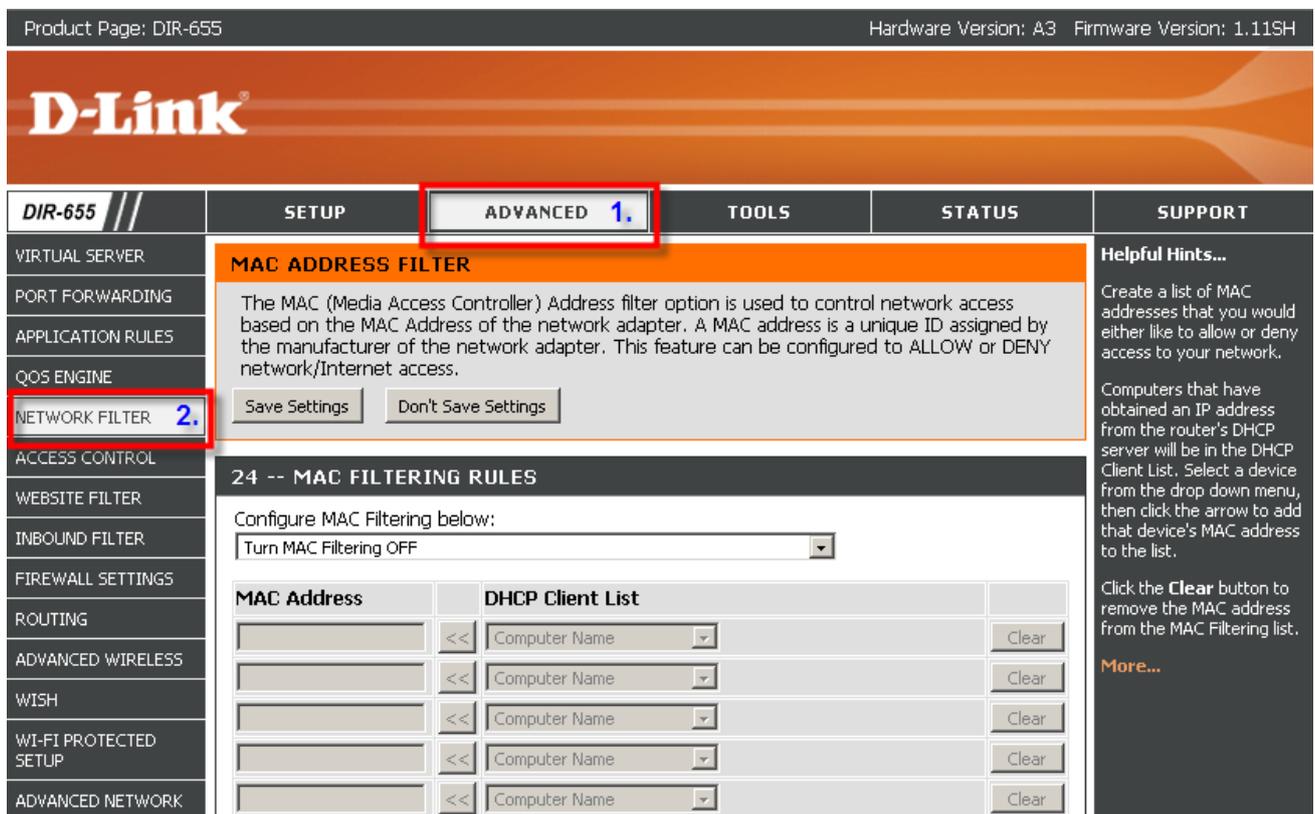
User Name : Admin ▾

Password :

Log In

**Step B :** If you prefer to secure your wireless network using WEP or WPA, please skip Step B to Step C and proceed to **Step D**.

To set up MAC Address Filtering (1) Click "ADVANCED" on the top menu bar and (2) Click "NETWORK FILTER" on the left menu.



Product Page: DIR-655 Hardware Version: A3 Firmware Version: 1.11SH

**D-Link**

DIR-655 // SETUP **ADVANCED 1.** TOOLS STATUS SUPPORT

VIRTUAL SERVER  
PORT FORWARDING  
APPLICATION RULES  
QOS ENGINE  
**NETWORK FILTER 2.**  
ACCESS CONTROL  
WEBSITE FILTER  
INBOUND FILTER  
FIREWALL SETTINGS  
ROUTING  
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 ▾

MAC Address		DHCP Client List	
<input type="text"/>	<<	Computer Name ▾	Clear
<input type="text"/>	<<	Computer Name ▾	Clear
<input type="text"/>	<<	Computer Name ▾	Clear
<input type="text"/>	<<	Computer Name ▾	Clear
<input type="text"/>	<<	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...**

**Step C :** (1) Under **MAC FILTERING RULES** and on the “Configure MAC Filtering below” drop down list, select “**Turn MAC Filtering ON and ALLOW computers listed to access the network**” (2) Under “MAC Address” field, enter the MAC address of the computers that you wish to allow network access. (3) After you have keyed in all your MAC address of the computers you wish to give access to, click the “Save Settings” button.

**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

3.

**24 -- MAC FILTERING RULES**

Configure MAC Filtering below:  
Turn MAC Filtering ON and ALLOW computers listed to access the network

MAC Address		DHCP Client List	
00:1c:f1:00:00:00	<<	Computer Name	Clear
00:19:5b:00:00:00	<<	Computer Name	Clear
00:13:47:00:00:00	<<	Computer Name	Clear
00:13:47:00:00:00	<<	Computer Name	Clear
	<<	Computer Name	Clear
	<<	Computer Name	Clear
	<<	Computer Name	Clear
	<<	Computer Name	Clear

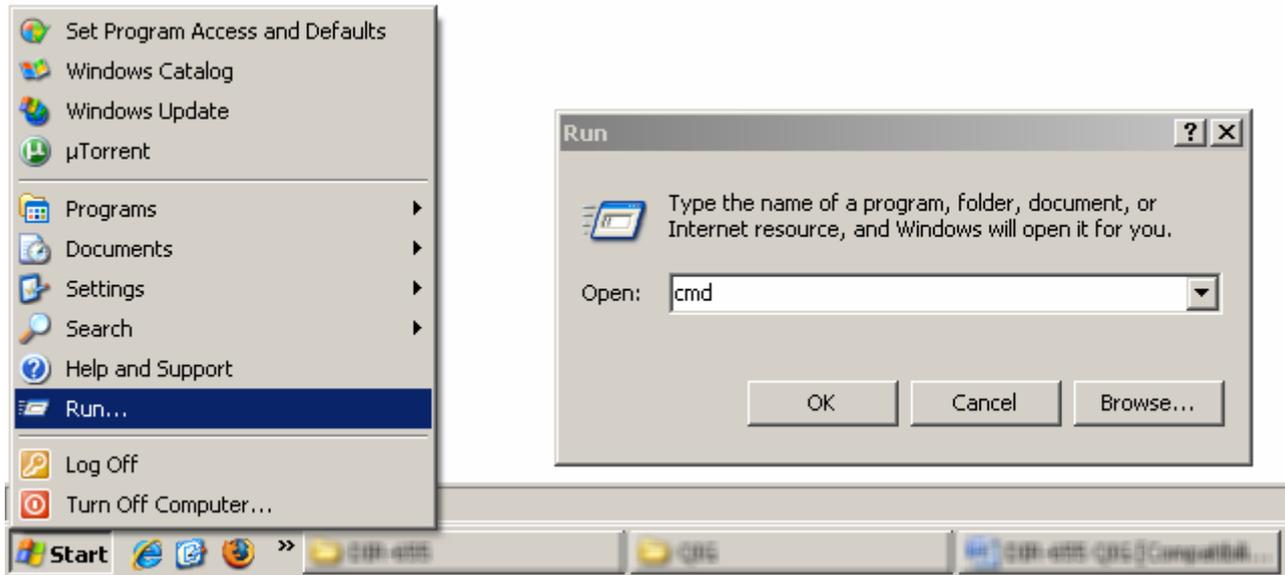
1.

2.

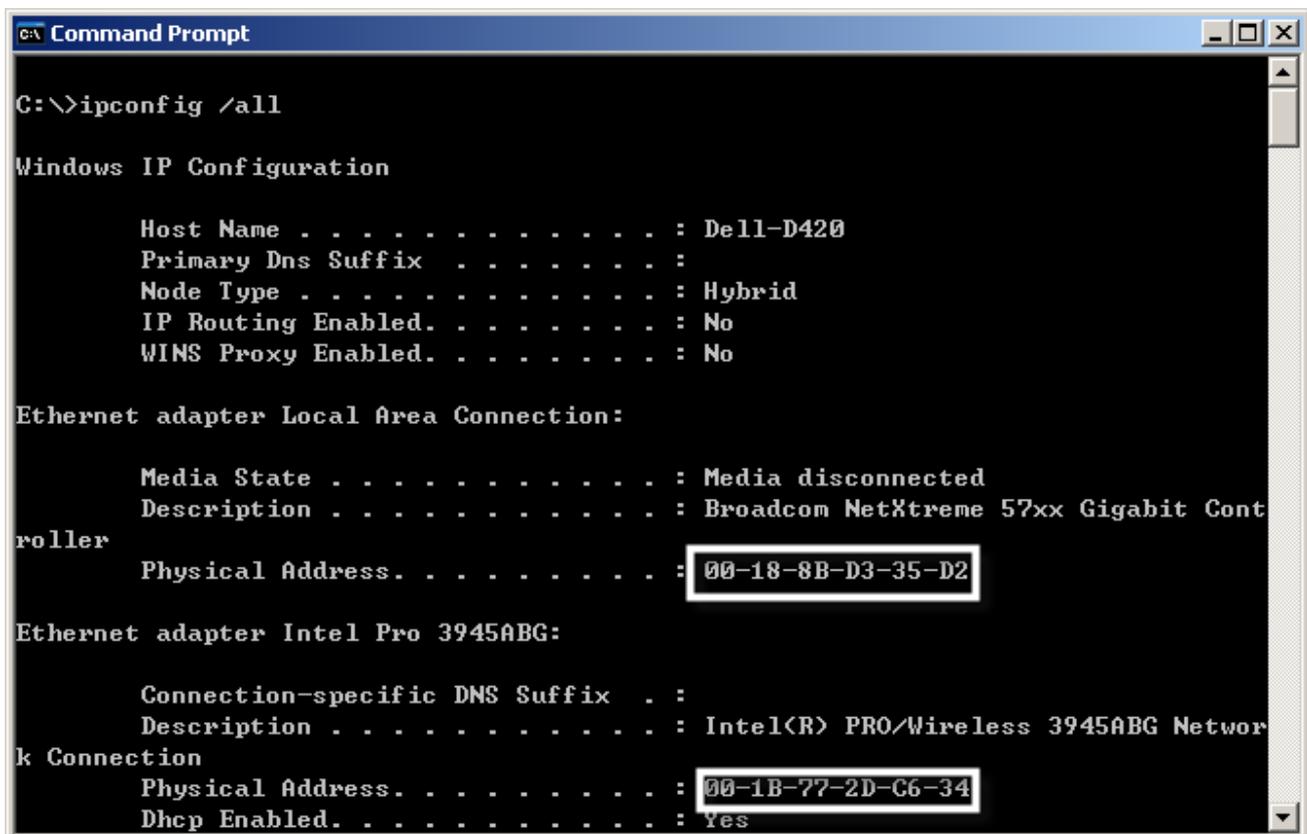
**NOTE:** Your wireless network is now secured. If you wish to secure your wireless network using WPA or WEP, you may proceed to STEP D – STEP J. Else, your DIR-655 router set up is now complete.

## How to find computer MAC Address

To find the MAC address of your computer, on your Windows taskbar, click "Start" and click "Run", then enter "CMD" in the "Open" field and click "OK".



In command prompt, type "ipconfig /all" and hit [Enter] on your keyboard.



**Step D :** To set up WEP or WPA, (1) click “Setup” on the top menu bar (2) select “WIRELESS SETTINGS” from the left menu and (3) click on “Wireless Network Setup Wizard” button.

Product Page: DIR-655 Hardware Version: A3 Firmware Version: 1.11SH

**DIR-655** // **SETUP 1.** **ADVANCED** **TOOLS** **STATUS** **SUPPORT**

**WIRELESS SETTINGS 2.**

**WIRELESS SETTINGS**

The following Web-based wizards are designed to assist you in your wireless network setup and wireless device connection.

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**

This 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 3.**

**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 Wizard** 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

**Step E :** If you want to secure your wireless network using WPA, please skip Step E – Step G and proceed to **Step H.** (1) Assign a name to your wireless network by entering it in the “Network Name (SSID)” field. If you are a StarHub MaxOnline subscriber, you may enter **SHXXXXXXX** where **XXXXXXX** is your StarHub account number. (2) Select “Manually assign a network key” and (3) Click “Next” button to continue.

Product Page: DIR-655 Hardware Version: A3 Firmware Version: 1.11SH

**STEP 1: WELCOME TO THE D-LINK WIRELESS SECURITY SETUP WIZARD**

Give your network a name, using up to 32 characters.

**Network Name (SSID) :** SH1234567 **1.**

Automatically assign a network key (Recommended)

To prevent outsiders from accessing your network, the router will automatically assign a security (also called WEP or WPA key) to your network.

**Manually assign a network key** **2.**  
Use this option if you prefer to create our own key.

Use WPA encryption instead of WEP(WPA is stronger than WEP and all D-Link wireless client adapters support WPA)

**Note: All D-Link wireless adapters currently support WPA.** **3.**

Prev **Next** Cancel Save

**Step F :** Follow the instructions on the screen to select a WEP of your choice and **(1)** enter it into the “Wireless Security Password” field and **(2)** click “Next” button to continue.

Product Page: DIR-655

Hardware Version: A3 Firmware Version: 1.11SH

**D-Link**

**STEP 2: SET YOUR WIRELESS SECURITY PASSWORD**

You have selected your security level - you will need to set a wireless security password.

The WEP ( Wired Equivalent Privacy) key must meet one of following guidelines:

- Exactly 5 or 13 characters
- Exactly 10 or 26 characters using 0-9 and A-F

A longer WEP key is more secure than a short one

Wireless Security Password :  **1.**

Note: You will need to enter the same password as keys in this step into your wireless clients in order to enable proper wireless communication. **2.**

**Step G :** **(1)** Ensure that you have set the “Wireless Network Name” and “Wep Key” of your choice in previous step correctly. If it appears differently to what you have set, click “Prev” button to amend. **(2)** If it is correct, click “Save” button to finish securing your wireless.

Product Page: DIR-655

Hardware Version: A3 Firmware Version: 1.11SH

**D-Link**

**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 SH1234567  
(SSID) :

Wep Key Length : 64 bits **1.**

Default WEP Key to Use : 1

Authentication : Both

Wep Key : 1a2b3c4d5e

**2.**

**NOTE :** Your DIR-655 set up is now secured and complete.

**Step H :** If you had chosen to use WPA from previous steps, (1) give a name to your wireless network under "Network Name (SSID)". If you are a **StarHub MaxOnline** subscriber, you may enter **SHXXXXXXX** where **XXXXXXX** is your StarHub account number. (2) Click the radio button on "Manually assign a network key, Use this Options if you prefer to create our own key" and (3) Click the check box on "Use WPA encryption instead of WEP (WPA is stronger than WEP and all D-Link wireless client adapters support WPA)" and (4) click "Next" button to continue.

Product Page: DIR-655

Hardware Version: A3 Firmware Version: 1.11SH



**STEP 1: WELCOME TO THE D-LINK WIRELESS SECURITY SETUP WIZARD**

Give your network a name, using up to 32 characters.

**Network Name (SSID) :**  1.

Automatically assign a network key (Recommended)

To prevent outsiders from accessing your network, the router will automatically assign a security (also called WEP or WPA key) to your network.

Manually assign a network key  
Use this options if you prefer to create our own key. 2.

Use WPA encryption instead of WEP(WPA is stronger than WEP and all D-Link wireless client adapters support WPA) 3.

**Note: All D-Link wireless adapters currently support WPA.** 4.

**Step I :** Follow the instructions on the screen to select a WAP of your choice and (1) enter it into the "Wireless Security Password" field and (2) click "Next" to continue.



**STEP 2: SET YOUR WIRELESS SECURITY PASSWORD**

You have selected your security level - you will need to set a wireless security password.

The WPA (Wi-Fi Protected Access) key must meet one of following guidelines:

- Between 8 and 64 characters (A longer WPA key is more secure than a short one)
- Exactly 64 characters using 0-9 and A-F

**Wireless Security Password :**  1.

**Note: You will need to enter the same password as keys in this step into your wireless clients in order to enable proper wireless communication.** 2.

**Step J** : Ensure that you have set the “Wireless Network Name (SSID)” and “Pre-Shared Key” of your choice in previous step correctly. If it is not what you have set earlier, click “Prev” button to amend. If it is correct, click “Save” button to finish securing your wireless.

Product Page: DIR-655

Hardware Version: A3 Firmware Version: 1.11SH



**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) :** SH1234567

**Security Mode :** Auto (WPA or WPA2) - Personal **1.**

**Cipher Type :** TKIP and AES

**Pre-Shared Key :** 12345678

**2.**

## WIRELESS

**NOTE** : Your DIR-655 set up is now secured and complete.  
For more advanced set up instructions and questions, please refer to the Set Up Guide located in the installation CD that came with the package.

# Warranty

D-Link warrants that the hardware portion of the D-Link product described below (“Hardware”) will be free from material defects in workmanship and materials under normal use from the date of original retail purchase of the product.

To ensure that your product is covered under warranty, D-Link strongly recommend you to register your warranty online at:

StarHub MaxOnline Subscribers

<http://www.dlink.com.sg/starhub>

Others

<http://www.dlink.com.sg/warranty>

## Contacting Technical Support

Before you contact technical support, please have the following ready:

- Model number of the product (e.g. DIR-655)
- Hardware Revision (located on the label on the bottom of the router (e.g. A3))
- Serial Number (s/n number located on the label on the bottom of the router).

You can find software updates, user documentation and F.A.Q on the D-Link website.

### SINGAPORE SUPPORT

**D-Link Service Centre**  
D-Link International Pte Ltd  
1 International Business Park  
#02-13 The Synergy  
Singapore 609917  
Tel : 6622 9355

**Operating Hours**  
MON - FRI 9am - 12.30pm  
2pm - 6pm

**D-Link Authorised Service Centre**  
**PCPro Computer Services**  
109 North Bridge Road  
#05-41 Funan The Digitalife Mall  
Singapore 179097  
Tel : 6338 3854

**Operating Hours**  
MON - SUN 11am - 8pm

**Technical Support  
Hotline:**

(65) 6622 9355  
[support@dlink.com.sg](mailto:support@dlink.com.sg)

**NOTE :** If you have purchase D-Link product outside Singapore, please contact the following support hotline or email to [support@dlink.com.sg](mailto:support@dlink.com.sg). Alternatively, you may also contact the distributor or reseller which you have purchased D-Link product.

### Other Support

INDONESIA Support Hotline : 62-21-573 1610  
MALAYSIA Support Hotline : 1800-88 2880  
PHILIPPINES Support Hotline : 65-6622 9355  
THAILAND Support Hotline : 66-2719 8978/9