

1. Go to the Sky router settings, **Advanced**, **LAN IP** setup link. Change the ending address to **253**. This may not be strictly necessary, but I prefer to do it. (pic 1)

SETUP | SECURITY | MAINTENANCE | **ADVANCED**

WAN SETUP | DYNAMIC DNS | **LAN IP SETUP** | REMOTE MANAGEMENT | UPNP

BROADBAND SETUP

LAN IP SETUP

LAN TCP/IP Setup

IP Address: 192 . 168 . 0 . 1

IP Subnet Mask: 255 . 255 . 255 . 0

Use Router as DHCP Server

Starting IP Address: 192 . 168 . 0 . 2

Ending IP Address: 192 . 168 . 0 . 253

Address Reservation

#	IP Address	Device Name	MAC Address
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ADD EDIT DELETE

APPLY CANCEL

2. Now click the WAN setup link and tick the **Default DMZ server**, put this address into the address space – 192.168.0.254. Remember to click Apply after making the changes. (Pic 2)

SETUP | SECURITY | MAINTENANCE | **ADVANCED**

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BROADBAND SETUP

WAN SETUP

Default DMZ Server: 192 . 168 . 0 . 254

Respond to Ping on Internet WAN Port

MTU Size (in bytes): 1500

APPLY CANCEL

3. Now unplug the Ethernet cable from the Sky router, plug it into the Dlink and enter 192.168.0.1 in the address bar. You will get the Logon screen, just click the Login button. The password is 'blank', ie don't type anything. (Pic 3)



LOGIN

Log in to the router:

User Name : Admin

Password :

Log In

English

- First, click the **Network Settings** link on the left and change the IP addresses as shown. ie, change the third octet from **0 to 1** You can also change the DHCP if you wish, or leave it at default. This can be anything between 2 and 254. Don't disable the DHCP server.
- Tick '**Always broadcast**' and '**Mixed Mode**' Put in 0.0.0.0 in for both WINS addresses. (Pic 4) Leave the Reservation area till later and click **Save Settings**, then **Reboot Later**

DIR-635	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
INTERNET	NETWORK SETTINGS				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...
WIRELESS 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. <input type="button" value="Save Settings"/> <input type="button" value="Don't Save Settings"/>				
NETWORK 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: <input type="text" value="192.168.1.1"/> Subnet Mask: <input type="text" value="255.255.255.0"/> Local Domain Name: <input type="text"/> (optional) Enable DNS Relay: <input checked="" type="checkbox"/>				
English	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: <input checked="" type="checkbox"/> DHCP IP Address Range: <input type="text" value="192.168.1.100"/> to <input type="text" value="192.168.1.199"/> DHCP Lease Time: <input type="text" value="1440"/> (minutes) Always broadcast: <input checked="" type="checkbox"/> (compatibility for some DHCP Clients) NetBIOS announcement: <input type="checkbox"/> Learn NetBIOS from WAN: <input type="checkbox"/> NetBIOS Scope: <input type="text"/> (optional) NetBIOS node type : <input type="radio"/> Broadcast only (use when no WINS servers configured) <input type="radio"/> Point-to-Point (no broadcast) <input checked="" type="radio"/> Mixed-mode (Broadcast then Point-to-Point) <input type="radio"/> Hybrid (Point-to-Point then Broadcast) Primary WINS IP Address: <input type="text" value="0.0.0.0"/> Secondary WINS IP Address: <input type="text" value="0.0.0.0"/>				

- Now click the Internet link on the left and then 'Manual Internet connection setup'
- Enter the DMZ server address for the IP address, ie, 192.168.0.254. Subnet mask 255.255.255.0 and Gateway 192.168.0.1.
- I have used the OpenDNS addresses, use the ones you prefer.

9. Now click Save Settings and this time Select to 'Reboot now'(Pic 5)

Product Page: DIR-635 Hardware Version: B1 Firmware Version: 2.20EU

D-Link

DIR-635 // SETUP ADVANCED TOOLS STATUS SUPPORT

INTERNET
WIRELESS SETTINGS
NETWORK SETTINGS

English ▾

WAN

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 : 192.168.0.254
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.0.1
Primary DNS Server : 208.67.222.222
Secondary DNS Server : 208.67.220.220
MTU : 1500 (bytes) MTU default = 1500
MAC Address : 00:00:00:00:00:00
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...

10. Disconnect the Dlink from your PC and plug in the Sky router. You can use the Flush DNS command or simply reboot your PC if you do not get access.
11. Plug an Ethernet cable into the WAN port of the Dlink and an Ethernet port on the Sky router. The Dlink should be recognised in the Attached Devices list and is now ready to take devices. Plug another PC into one of its Ethernet ports and check that it is connecting to the Internet. Running 'ipconfig' at a command prompt should show that it is receiving an address in the 192.168.1.xxx range. Any devices plugged into the Dlink will not be shown in the Attached devices list of the Sky router, as they are using a different IP range.
12. You can gain access to the Dlink settings by typing 192.168.1.1 in any router connected to its Ethernet ports or by wireless. It is not advisable to make any changes when connected by wireless as you may loose contact with the router and have difficulty reconnecting.

You can now set up your wireless connection by clicking the Wireless link on the left menu. Using the Wireless Setup Wizard is probably the easiest. Remember that this is a full 300mbps N router, so you will need N compatible adapters to get the full benefit.

Remember as you are using the DMZ server you are outside the Sky routers functions, so the Firewall in the Dlink is your only defence. Configuring the Firewall can be done using the functions in the Advanced tab. It is set to Allow all outgoing requests and Block all unsolicited incoming, so unless you want to open ports, leave it as it is.

This method works for me and if follow correctly should work for anyone.