

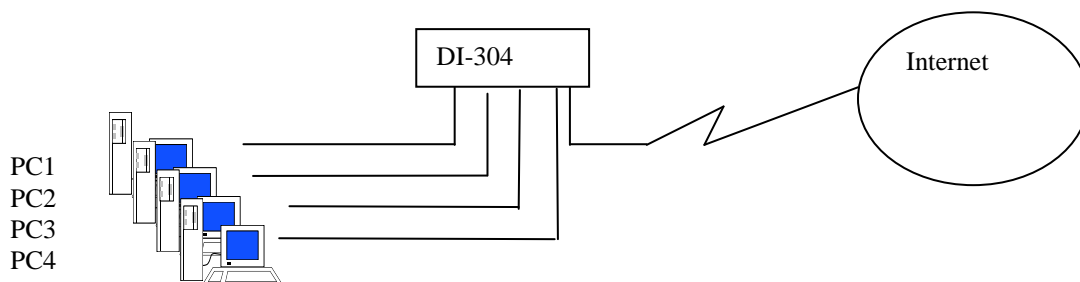
DI-304 Installation Guide for LAN – Internet

1. Introduction

This document explains how to connect to the Internet using a single user account from an Internet Service Provider. The IP network is a private network and is chosen by the installer. In the example below the private IP network is 192.168.0.xxx. The service provider may either provide you with a static IP address or more often a dynamic IP address, that is to say the IP address is assigned to the router at connection time. A local network IP address still needs to be assigned to the router.

It is assumed the network is already configured and working in terms of network adapters and drivers installed and configured.

Fig 1.

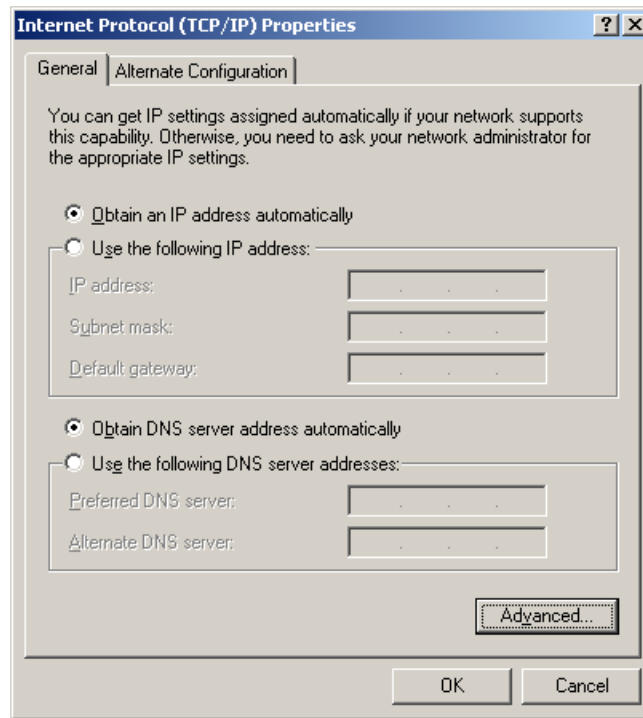


Example Setup Configuration

DI-304	IP	192.168.0.1
PC1	IP	DHCP
PC2	IP	DHCP
PC3	IP	DHCP
PC4	IP	DHCP
Subnet for all devices		DHCP
Default Gateway (All PC's)		192.168.0.1

The DI-304 does not have a console port for configuration purposes, you must use your windows browser to configure the DI-304. **The router has a default IP address of 192.168.0.1**

Ensure your PC's are setup to receive their IP address from a DHCP server. (DI-304 in this case). You will also need to check and ensure you are not running any other DHCP server in network see below.



2. **Information required from the ISP.**

A certain amount of information is required from your ISP. See list below.

- IP address (only for static IP address connections)
- Username
- Password
- ISDN Telephone number to dial
- DNS (consists of primary domain name controller IP, and name)

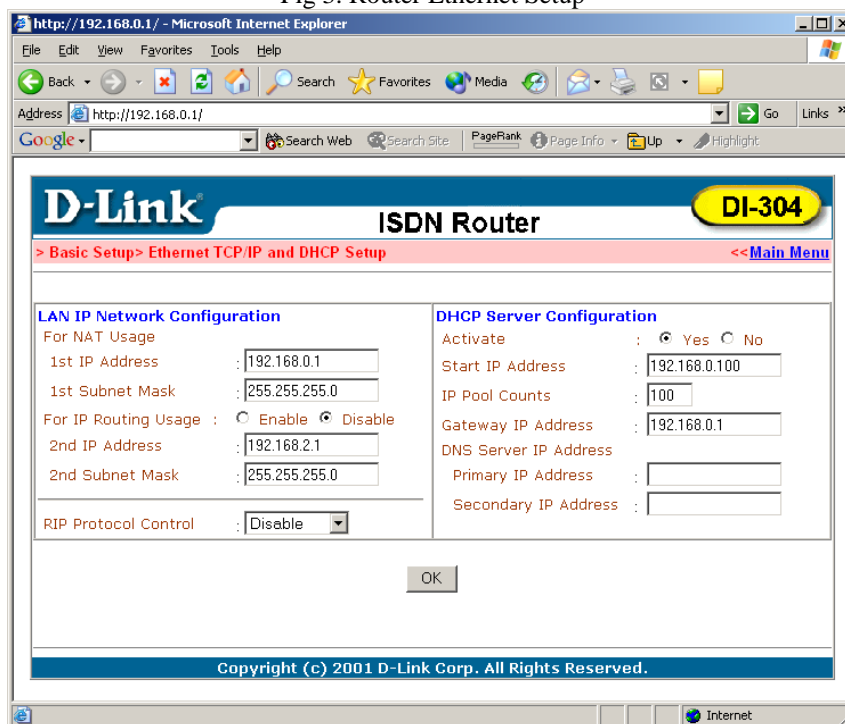
3. **Router Configuration**

After you have setup your PC to receive an IP address from DHCP server, it should have 192.168.0.100 as its IP address. The router will be 192.168.0.1. Use your browser and connect to the DI-304.

Fig 2 Router main menu.

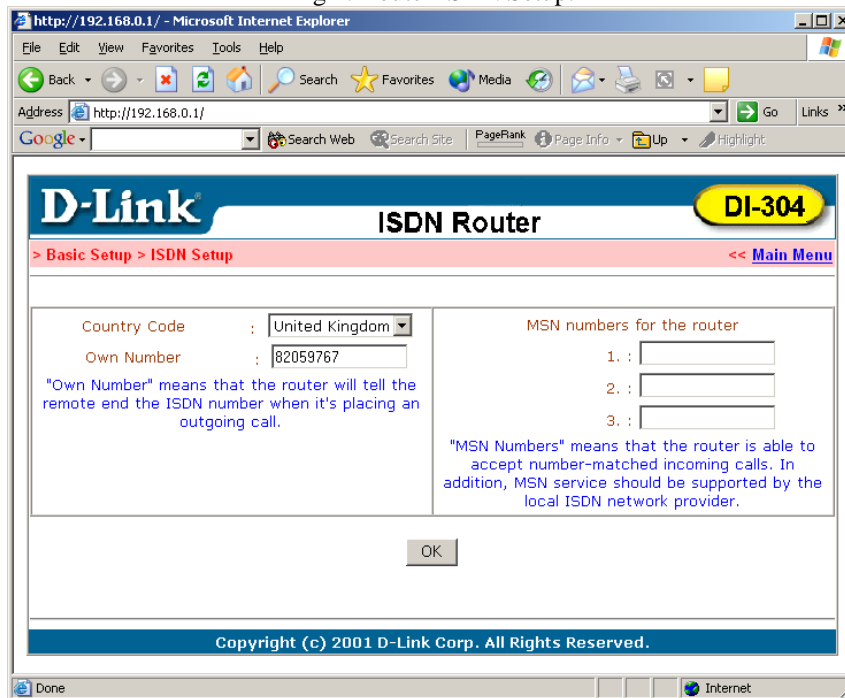


Fig 3. Router Ethernet Setup



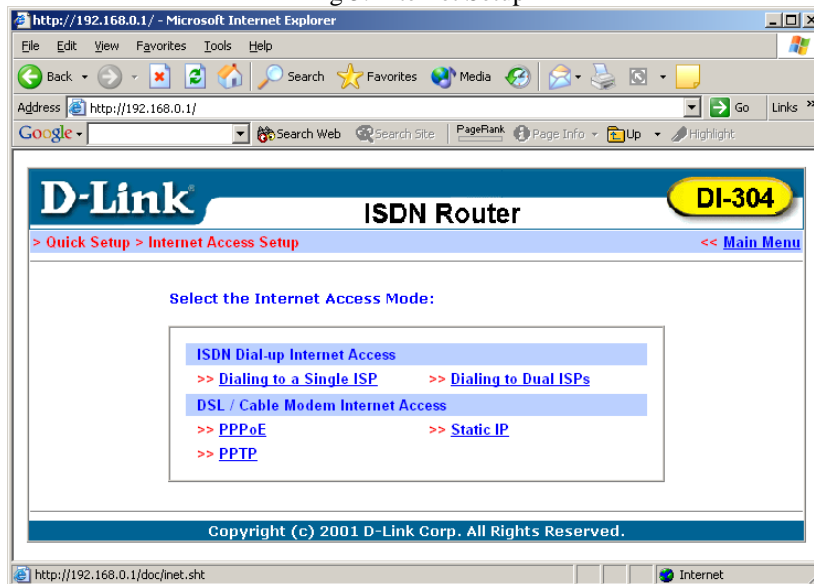
The router defaults to using 192.168.0.0 as the network. DHCP addresses range 192.168.0.100-200. Change these default setting if you need to. See Fig 3. above.

Fig 4. Router ISDN Setup.



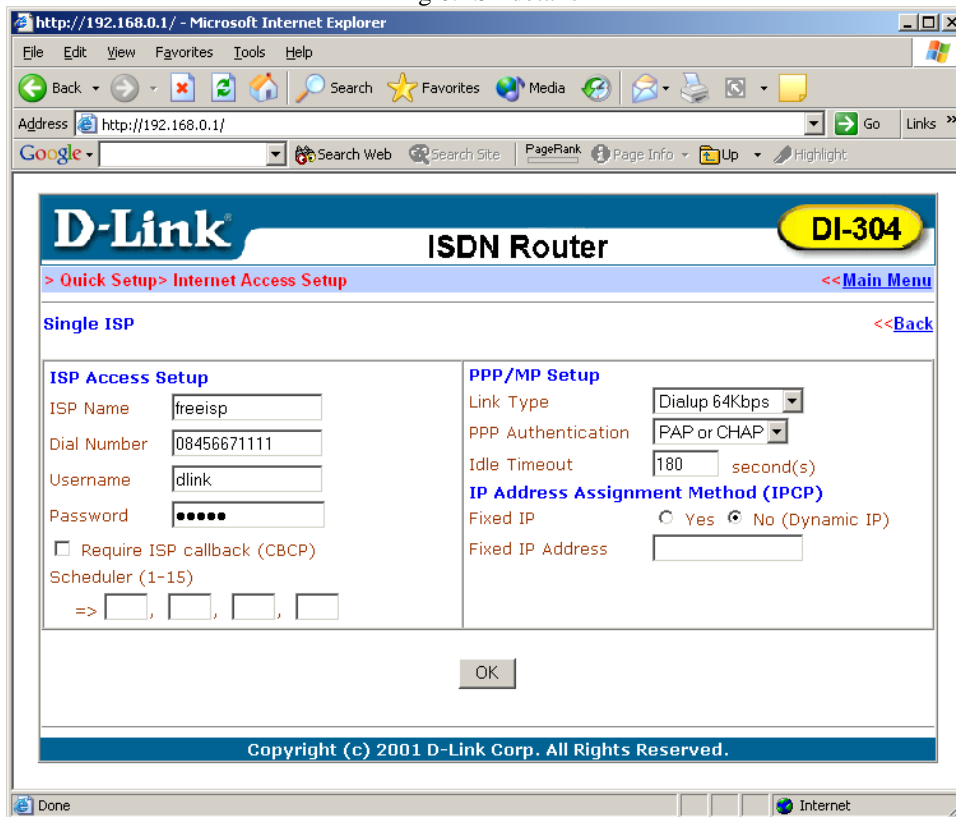
Setup the country code and the router's own ISDN number as in fig 4.

Fig 5. Internet Setup



From the menu in fig 5 select dialling to a single ISP.

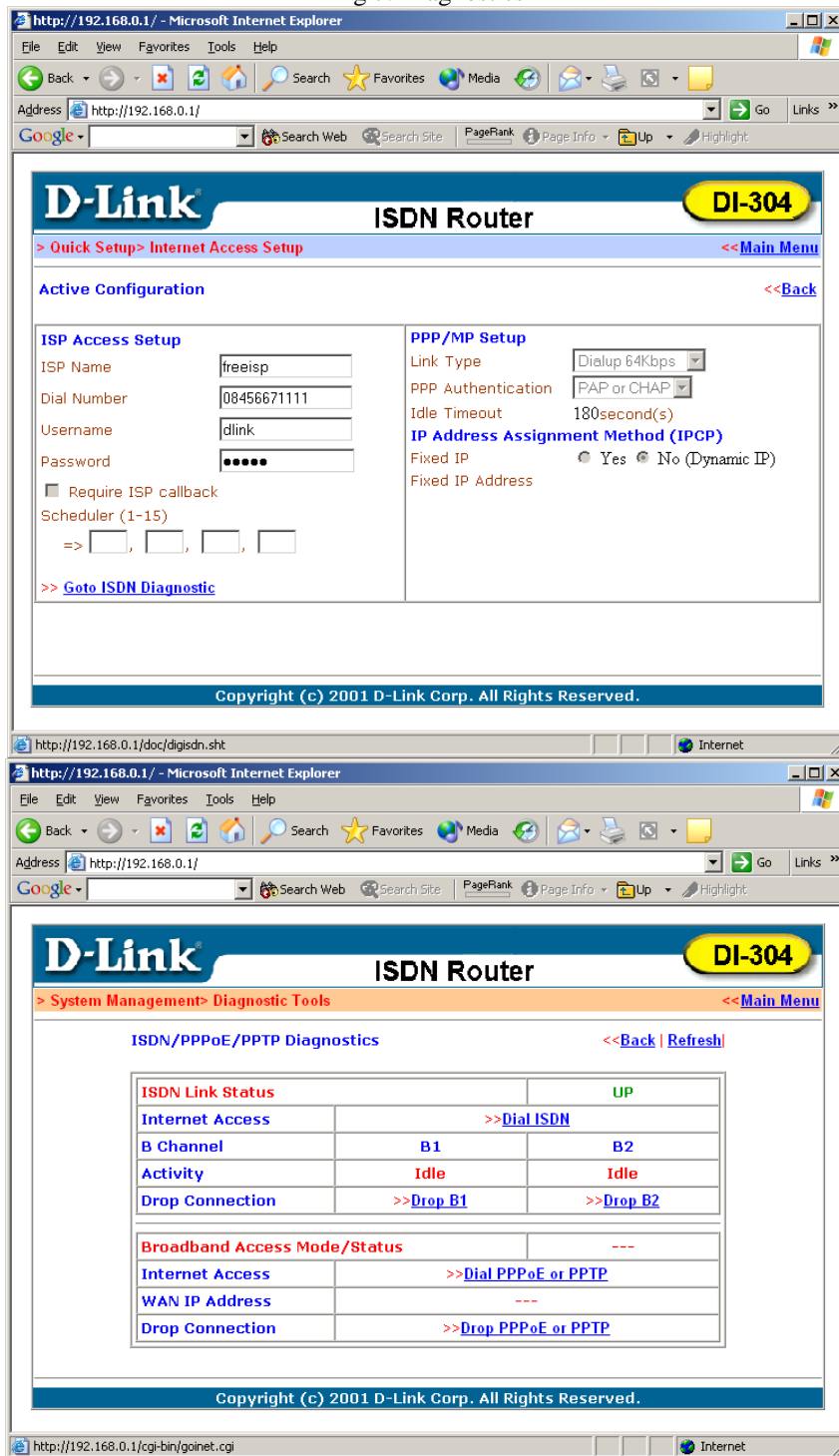
Fig 6. ISP details



Enter your ISP details. For PPP authentication leave the PAP or CHAP setting as the router will negotiate either at connection time. In the link type, select 64k, 128k or BOD.

After the OK button is selected, you can go to the diagnostics and perform a connection tests.

Fig 7. Diagnostics



Select the Dial ISDN, you should see the ISP name typed in fig 6 appear in the activity, see fig 8.

Fig 8. Diagnostics Result.

http://192.168.0.1/ - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://192.168.0.1/

Google Search Web Search Site PageRank Page Info Up Highlight

D-Link **ISDN Router** **DI-304**

> System Management > Diagnostic Tools << Main Menu

ISDN/PPPoE/PPTP Diagnostics << Back | Refresh

ISDN Link Status	UP	
Internet Access	>>Dial ISDN	
B Channel	B1	B2
Activity	freeisp	Idle
Drop Connection	>>Drop B1	>>Drop B2

Broadband Access Mode/Status	---	
Internet Access	>>Dial PPPoE or PPTP	
WAN IP Address	---	
Drop Connection	>>Drop PPPoE or PPTP	

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Done Internet

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