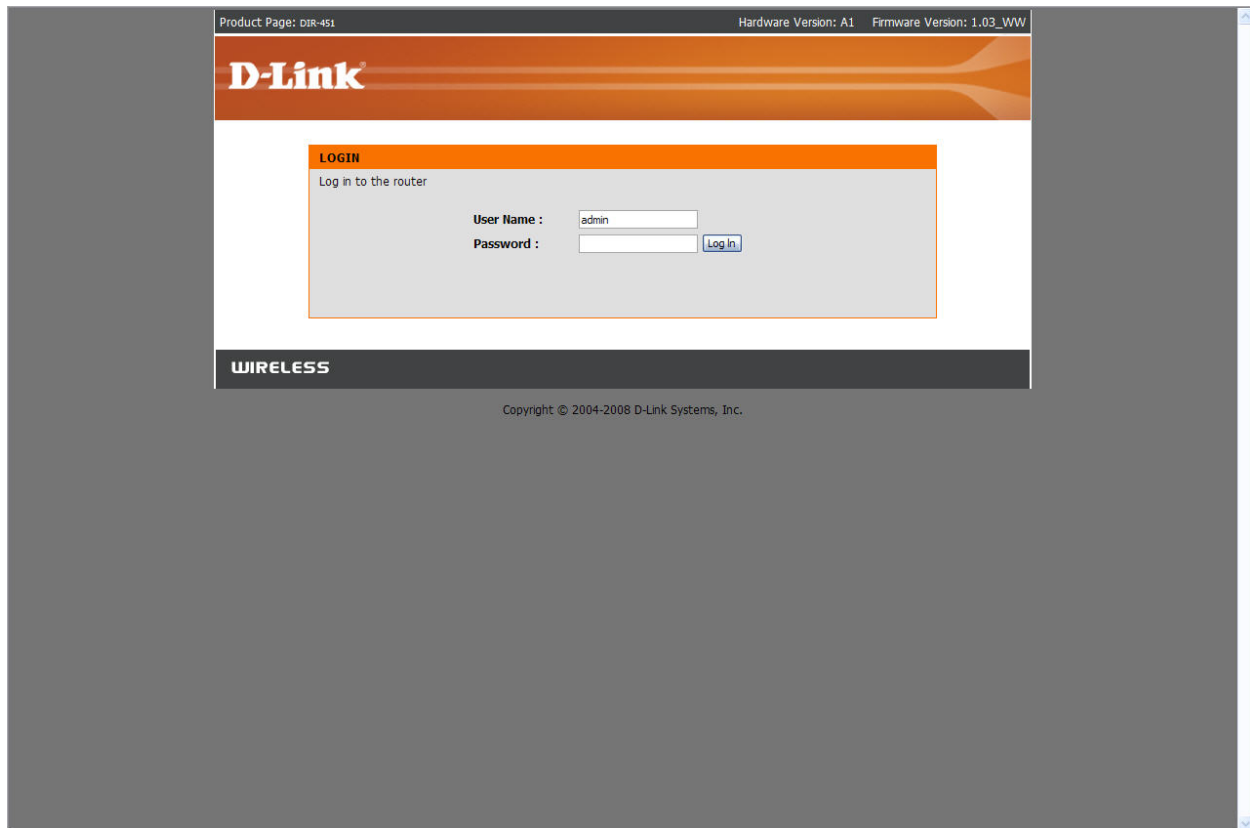


HOW TO SETUP THE DIR-451 TO CONNECT TO A MOBILE PROVIDER?

- STEP 1 : FIRST GO TO OUR LOCAL FTP SITE AND MAKE SURE THAT YOU'VE DOWNLOADED THE LATEST FIRMWARE THE YOUR ROUTER. (<ftp://ftp.dlinktech.co.za>)
- STEP 2 : OPEN INTERNET EXPLORER ON YOU COMPUTERS AND TYPE IN THE IP ADDRESS OF THE DIR-451 (DEFAULT IP ADDRESS IS <http://192.168.0.1>) TO ACCESS THE WEB CONFIGURATION OF YOUR ROUTER. (DEFAULT LOGIN DETAILS ARE USERNAME: admin, PASSWORD: *blank*)



STEP 3 : GO TO **SETUP** > **INTERNET** AND CLICK ON THE **MANUAL CONFIGURE** BUTTON.

The screenshot displays the D-Link web management interface for a DIR-451 router. At the top, it shows 'Product Page: DIR-451', 'Hardware Version: A1', and 'Firmware Version: 1.03_WW'. The D-Link logo is prominently displayed. Below the logo is a navigation menu with tabs for 'DIR-451', 'SETUP', 'ADVANCED', 'TOOLS', 'STATUS', and 'SUPPORT'. The 'SETUP' tab is active, and the 'INTERNET' sub-tab is selected in the left sidebar. The main content area is titled 'INTERNET CONNECTION :'. It contains the following text: 'There are 2 ways to setup your Internet connection. You can use the Web-based Internet Connection Setup Wizard or you can manually configure the connection.' Below this, there is a section for the 'INTERNET CONNECTION WIZARD :'. It states: 'If you would like to utilize our easy to use Web-based Wizards to assist you in connecting your new D-Link Router to the Internet, as well as configure the Wireless settings, click on the Setup Wizard button below.' A 'Setup Wizard' button is provided. A note follows: 'Note: Before launching these wizards, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.' The final section is 'MANUAL INTERNET CONNECTION OPTIONS :'. It says: 'If you would like to configure the Internet and Wireless settings of your new D-Link Router manually, then click on the Manual Configure button below.' A 'Manual Configure' button is provided. On the right side of the main content area, there is a 'Helpful Hints..' section. It includes a 'Wizard:' tip: 'If you are new to networking and have never configured a router before, click on Setup Wizard and the router will run you through a few simple steps to get your network up and running.' It also includes a 'Manual:' tip: 'If you consider yourself an Advanced user and have configured a router before, click Manual Configure to input all the settings manually.'

STEP 4 : SELECT YOUR **COUNTRY**, **ISP** AND **CARD** FROM THE DROP DOWN MENUS AND ENTER A **PIN CODE** (ONLY IF YOU HAVE PIN CONFIGURED ON YOUR SIM CARD).

Product Page: DIR-451 Hardware Version: A1 Firmware Version: 1.03_WW

D-Link

DIR-451 // SETUP ADVANCED TOOLS STATUS SUPPORT

INTERNET WIRELESS SETTINGS NETWORK SETTINGS

INTERNET CONNECTION

Use this section to configure your Internet Connection type. If you are unsure of your connection method, please contact your Internet Service Provider.

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 : WWAN

WWAN :

Enter the information provided by your Internet Service Provider (ISP).

Country : South Africa
 ISP : Vodacom
 Card : D-Link DWM-652
 Pin Code :
 User Name : (optional)
 Password : (optional)
 Retype Password : (optional)
 Server Name : (optional)
 Dial Number : *99***1#
 Authentication Protocol : Auto (PAP + CHAP)
 APN : internet
 Auto-Reconnect : Enabled Disabled
 Keep-alive Interval : 10000 (seconds)
 Keep-alive Server 1 : (optional)
 Keep-alive Server 2 : (optional)

Helpful Hints...

WWAN:
 When configuring the WWAN settings, be sure to select the model of your 3G wireless card from the ISP-Card drop down menu. If there are any Usernames, Passwords, or Service Names associated with your 3G account, please enter the information in the fields provided.

Support:
 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 Internet Service Provider (ISP) if needed.

WIRELESS

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FOR **VODACOM USERS** THE:

USERNAME : blank
PASSWORD : blank
DIAL NUMBER : *99***1#
APN : internet
KEEP ALIVE INTERVAL : 10000

FOR **MTN USERS** THE:

USERNAME : blank
PASSWORD : blank
DIAL NUMBER : *99#
APN : myMTN
KEEP ALIVE INTERVAL : 10000

CLICK **SAVE SETTINGS**.


STEP 5 : TO VERIFY THAT YOUR DIR-451 IS IN FACT CONNECTED TO THE INTERNET, GO TO STATUS > DEVICE INFO AND LOOK AND THE **WAN** SECTION. IT SHOULD SAY CONNECTED

The screenshot displays the D-Link DIR-451 web management interface. At the top, it shows 'Product Page: DIR-451', 'Hardware Version: A1', and 'Firmware Version: 1.03_WW'. The D-Link logo is prominently displayed. Below the logo is a navigation menu with tabs for 'DIR-451', 'SETUP', 'ADVANCED', 'TOOLS', 'STATUS', and 'SUPPORT'. The 'STATUS' tab is selected, and the 'DEVICE INFO' sub-tab is active. The main content area is titled 'DEVICE INFORMATION' and contains the following details:

DEVICE INFORMATION :
All of your Internet and network connection details are displayed on this page. The firmware version is also displayed here.
Firmware Version: 1.03_WW , Wed, 16 Jul 2008

LAN :
MAC Address : 00:21:91:D0:95:0E
IP Address : 192.168.0.1
Subnet Mask : 255.255.255.0
DHCP Server : Enabled

WAN :
Connection : Huawei-E6XX : Connected

Signal Strength : 
IP Address : 41.23.148.192
Subnet Mask : 255.255.255.255
Default Gateway : 10.64.64.64
DNS : 196.207.36.251 196.207.36.254

At the bottom of the page, there is a 'WIRELESS' section header and a copyright notice: 'Copyright © 2004-2008 D-Link Systems, Inc.'