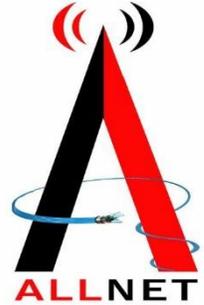


Configuring a D-LinkRouter Basic Configuration Steps

Configuring Your Router



STEP 1 (a): Connect Your PC to the Router

- Unbox the router and power up the router.
- Connect the Act internet cable to the WAN/Internet port(different coloured port) of the router.
- An extra LAN cable will be available with the router, take LAN cable connect one end to the LAN port(1-4) of the router(any one port) and one end to the PC or Laptop.
- In the system press key & R key together to open Run dialog box.
- Type ipconfig on the command prompt(Black screen) . The default gateway of the LAN or Ethernet adapter will be the Router address. (Ex:192.168.1.1)

```
C:\Users\USER>ipconfig

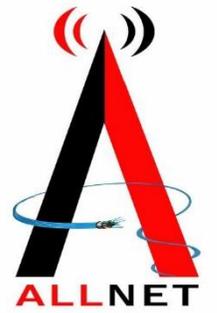
Windows IP Configuration

Wireless LAN adapter Wireless Network Connection:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . : ATRIA

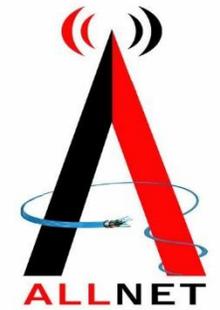
Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix . :
    IPv4 Address. . . . . : 192.168.1.101
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1
```



STEP 1 (b): Connect Your Mobile

- Switch on the router and connect ALLNET internet cable to the WAN/Internet port of the router.
- Go to setting in the Mobile, turn on Wi-Fi and wait until the mobile detects router name press the router name to connect.
- If the router is already configured and the Wi-Fi password is known then go to settings in the Mobile.
- Under “Wireless and Networks”, press Wi-Fi make sure "Wi-Fi" is turned on.
- Wait until the mobile detects router name press the router name if prompted enter the Wi-Fi password and press Connect.



NOTE

- Every Router Configuration has two parts
 - Configuring the Internet Part, where we tell the Router how to connect to the internet.
 - Configuring the Wi-Fi Part, where we decide the name and password with which we connect to the Router.
- Internet Configuration shown here will guide to Configure the Router in PPPoE.
 - This will enable you to browse internet directly, every time you connect to the router. No need to login again and again.
- Wi-Fi Configuration has also been given, in order to ease the process of you connecting to the Router.
 - SSID and Password Creation have been explained.
 - Few high end routers have two bands to work on
 - 2.4 GHz and 5 GHz – 2.4 GHz band provides higher range, but lesser speed.
 - 5 GHz band provides lower range, but higher speed. – Changing Different Wi-Fi Channels
 - Helps in reducing Slow Speed Issues.

STEP 2: Logging into the Router

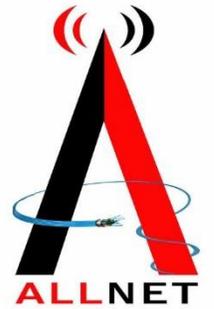


- Open a browser -> Enter the below IP Address in the Address Bar. A login page appears. The usual usernames and passwords are given in the table below.

Router Name	IP Address	Username	Password
Cisco or Linksys	192.168.1.1	admin	admin
D-Link	192.168.0.1	admin	(blank)
TP-Link	192.168.0.1	admin	admin
Netgear	192.168.1.1	admin	password
Belkin	192.168.2.1	Click on Login in Home	(blank)
Tenda	192.168.0.1	admin	admin
i-Ball Baton	192.168.1.1	admin	admin
Digisol	192.168.2.1	admin	1234 or admin
Asus	192.168.1.1	admin	admin

- If all the above credentials do not work, please check the back of the router where the username and password will be mentioned.

STEP 3(a): Internet Connectivity – PPPoE Configuration



- Step 1 : Open any web browser
- Step 2 : Type Router page address on the address bar(192.168.0.1)
- Step 3 : Login with credentials

A screenshot of the D-Link router's web interface. The top bar shows 'Product Page: DIR-816', 'Hardware Version: A1', and 'Firmware Version: 1.03'. The D-Link logo is prominently displayed. Below it, a 'Login' window is open, containing a 'Username' field with 'Admin' entered, a 'Password' field, and 'Login' and 'Reset' buttons. The word 'WIRELESS' is visible in the bottom left corner of the interface.

Product Page: DIR-816 Hardware Version: A1 Firmware Version: 1.03

D-Link

Login

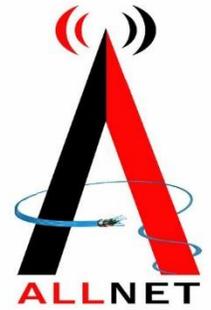
Username: Admin
Password:

Login Reset

WIRELESS

STEP 3(b): Internet Connectivity – PPPoE Configuration

- Home Page on Logging In – Under Setup -> Wizard -> Select Manual Setup



A screenshot of the D-Link DIR-816 web interface. The top navigation bar includes 'Product Page: DIR-816', 'Hardware Version:A1', and 'Firmware Version:1.03'. The main content area is titled 'D-Link' and has a navigation menu with 'Setup', 'Wireless', 'Wireless 3G', 'Advanced', 'Maintenance', 'Status', and 'Help'. Under 'Setup', there is a sub-menu with 'Wizard' (circled in red), 'LAN Interface', and 'Internet Setup'. The main content area displays a 'Quick Setup' box with the text: 'The easy setup will tell you how to configure the basic network parameters. To continue, please click the "Next" button.' Below this text are two buttons: 'Manual' (circled in red) and 'Next'. On the right side, there is a 'Helpful Hints...' section with text: 'First time users are recommended to run the Wizard. Click the Wizard page and you will be guided step by step through the process of setting up your connection. If you consider yourself an advanced user or have configured a router before click Setup -> Internet Setup to input all the settings manually. More...'. The footer of the page reads '2008-2014 D-Link All Rights Reserved.'

Internet Connectivity – PPPoE Configuration

- Setup > Internet setup > WAN interface > WAN access type “PPPoE” > Enter the username and password provided by ALLNET & Service Name > Apply
- Click on Apply
- By Default Username & Password is same.



INTERNET CONNECTION TYPE

Choose the mode to be used by the router to connect to the Internet.

My Internet Connection is :

ADVANCED DNS SERVICE

Advanced DNS is a free security option that provides Anti-Phishing to protect your Internet connection from fraud and navigation improvements such as auto-correction of common URL typos.

Enable Advanced DNS Service :

PPPOE INTERNET CONNECTION TYPE :

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

Address Mode : Dynamic IP Static IP

IP Address :

User Name :

Password :

Verify Password :

Service Name : (optional)

Reconnect Mode : Always on On demand Manual

Maximum Idle Time : (minutes, 0=infinite)

Primary DNS Address : (optional)

Secondary DNS Address : (optional)

MTU : (bytes) MTU default = 1492

MAC Address :

STEP 4: Wi-Fi Connectivity – Router SSID/Password Configuration



- Step 1: Type in your preferred Wi-Fi name in SSID(Network name dialog box). Region Select Asia.
- Step 2: All the remaining field are set by default.
- Step 3: click on Apply.

DIR-816 // Setup **Wireless** Wireless 5G Advanced Maintenance Status Help

Wireless Basics

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

Wireless Network

Enable SSID Broadcast:
Enable Wireless Isolation:
Name(SSID) : D-Link_DIR-816
Mode : 802.11n
Channel: 1 Current Channel:1
Band Width : Auto 20/40M

Security Options

Security Options : WPA2-PSK(AES)

Security Options(WPA2-PSK)

Pre-Shared Key: password (8-63 characters or 64 hex digits)

Apply Cancel

Helpful Hints...

NOTE:To ensure proper agency compliance and compatibility between similar products in your area the operating channel and region must be set correctly.

Placement of the Router to Optimize Wireless Connectivity

The operating distance or range of your wireless connection can vary significantly based on the physical placement of the router. For best results place your router:

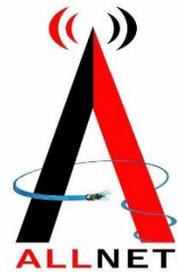
- Near the center of the area in which your PCs will operate,

STEP 5 : Reboot

- After done the configuration.
- Go to Maintenance -> Reboot the router.



A screenshot of the D-Link router web interface. The page title is "Product Page: DIR-600M" and the hardware/firmware versions are "Hardware version: C1" and "Firmware version: 3.01". The D-Link logo is prominently displayed at the top. The navigation menu includes "Setup", "Wireless", "Advanced", "Maintenance", "Status", and "Help". The "Maintenance" tab is active, and the "Reboot" option is selected. A central message box displays "System Reboot!" and "You clicked reboot button! System is rebooting now...". Below this, a progress bar shows "Please wait 29 seconds". A yellow mouse cursor is positioned over the progress bar. On the right side, there is a "Helpful Hints..." section with the text "This page is used to reboot the router." and a "More help..." link. The footer contains the copyright notice "Copyright © 2008-2013 D-Link Systems, Inc."



STEP 6 (As and when required): Firmware upgrade

- System Tools > firmware upgrade > upload the new firmware file > upgrade firmware
- You can choose to download a Firmware version and then upload it offline or choose to download directly from internet itself.

Product Page: DIR-816 Hardware Version:A1 Firmware Version:1.03

D-Link

DIR-816 // Setup Wireless Wireless 5G Advanced **Maintenance** Status Help

Reboot
Firmware Upgrade
Backup/Restore
Admin
Time and Date

Firmware Upgrade

This page allows you upgrade the Wireless Router firmware to new version. Please note,do not power off the device during the upload because it may crash the system.

Note: System will reboot after file is uploaded.

Select File

Choose File No file chosen

Automatically reset default after firmware upgraded

Upgrade Firmware Reset

Helpful Hints...
Attention! After clicking Upload please do not interrupt when the software is sending to the router and router is restarting. If you believe that the process may be interrupted for some reason you can click Reset so that the current router software will remain unchanged.
More...

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