



Quick Installation Guide

RANGER SERIES

150Mbps WI-FI BROADBAND 3G HOME ROUTER WITH USB PORT

DG-HR1420

V1.0
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Package Contents

The following items should be present in your package:

- DG-HR1420 Wireless Broadband Home Router
- Power adapter (5V DC, 1.5A)
- Rubber feet (4 Nos.)
- Quick Installation Guide
- Installation Guide CD (includes User Manual & QIG)
- Patch Cord (1 No.)
- USB extension cable (1 no.)

Make sure that the package contains above items. If any of the listed items is damaged or missing, please contact your retailer immediately.

Product Overview

Thank you for purchasing DG-HR1420 150Mbps 802.11n Wireless Broadband Home Router! DG-HR1420 is the best choice for Small office / Home office users, all computers and network devices can share a single xDSL / cable modem internet connection at high speed. Easy install procedures allow computer users to setup a network environment in very short time - within minutes, even inexperienced users. When the number of your computers and network-enabled devices grow, you can also expand the number of network slots by simply connecting a hub or switch, to extend the scope of your network.

All computers and IEEE 802.11b/g/n wireless-enabled network devices (including PDA, cellular phone, game console and more) can connect to this wireless router without additional cabling. With a compatible wireless card installed in your PC, you can transfer files up to 150Mbps (transfer data rate).

Product Features

- High Internet Access throughput.
- Wireless speed up to 150Mbps.
- Allows multiple users to share a single Internet line.
- Shares a single Cable or xDSL internet connection.
- Access private LAN servers from the internet.
- Four wired LAN ports (10/100M) and one WAN port (10/100M).
- Works with IEEE 802.11b/g/n wireless LAN devices.
- Supports DHCP (Server/Client) for easy IP-address setup.
- Supports multiple wireless modes like: AP, Wireless Bridge (WDS) and Universal Repeater.
- Advanced network and security features like: Special Applications, QoS, DMZ, Virtual Servers, Access Control, Firewall.
- Allows you to monitor the router's status like: DHCP Client Log, System Log and Device/Connection Status.
- Easy to use Web-based GUI for network configuration and management purposes.
- Remote management function allows configuration and upgrades from a remote computer (over the Internet).
- Provides Auto MDI / MDI-X function for all wired Ethernet ports.

System Requirements

The following system requirements are recommended:

- Notebook or desktop computer with network adapter (wired/wireless)
- Internet connection, provided by xDSL or cable modem with a RJ-45 Ethernet port.
- Windows 98/ME/2000/XP/Vista
- Web browser (Microsoft Internet Explorer 4.0 or above, Netscape Navigator 4.7 or above, Opera web browser, or Safari web browser).
- An available AC power socket (100 – 240V, 50/60Hz)

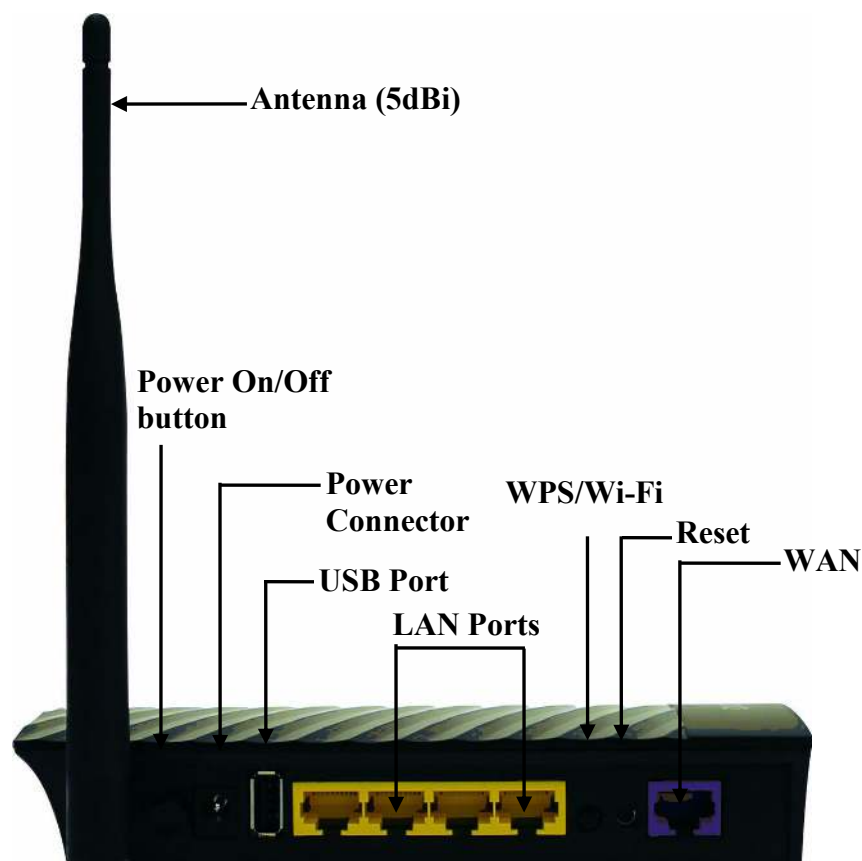
Front View



LED Name	LED Status	Indication
Power (PWR)	On	Router is switched on and correctly powered.
WAN	On	WAN port is connected.
	Off	WAN port is not connected.
	Blinking	WAN activity (transferring or receiving data).
LAN(1-4)	On	LAN port is connected.
	Off	LAN port is not connected.
	Blinking	LAN activity (transferring or receiving data).
WLAN	On	Wireless network is switched on.
	Off	Wireless network is switched off.
	Blinking	Wireless LAN activity (transferring or receiving data).

WPS	On	A wireless device has been successfully added to the network by WPS function.
	Off	WPS process is not initiated.
	Blinking	A wireless device is connecting to the network by WPS function.
USB	On	USB Device is connected.
	Off	USB Device is not connected.

Rear View



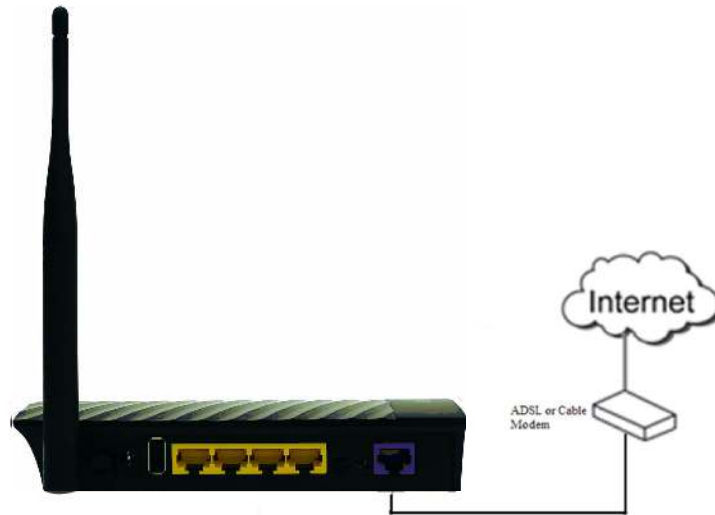
Interfaces	Description
Antenna	This antenna is a 5dBi dipole antenna.
Power on/off button	Press this button to power on/off the router.
Power Connector	The Power socket is where you will connect the power adapter. Please use the power adapter provided with this Wireless Router.
USB Port	To connect compatible USB Devices. (3G Dongle, USB Mass Storage)
LAN (1 – 4)	Local Area Network (LAN) ports 1 to 4.
WPS/WIFI	The WPS/WIFI button has two functions.

	<p>WPS: Press this button for more than 5 seconds to initiate WPS.</p> <p>WIFI: Press this button for less than 5 seconds to enable WLAN.</p>
Reset	Reset the router to factory default settings (clear all settings). Press this button and hold for 5 seconds to restore all settings to factory defaults.
WAN	Wide Area Network (WAN / Internet) port.

Hardware Installation

Please follow the below mentioned instructions to build the network connection between your new WIRELESS router and your computers, network devices:

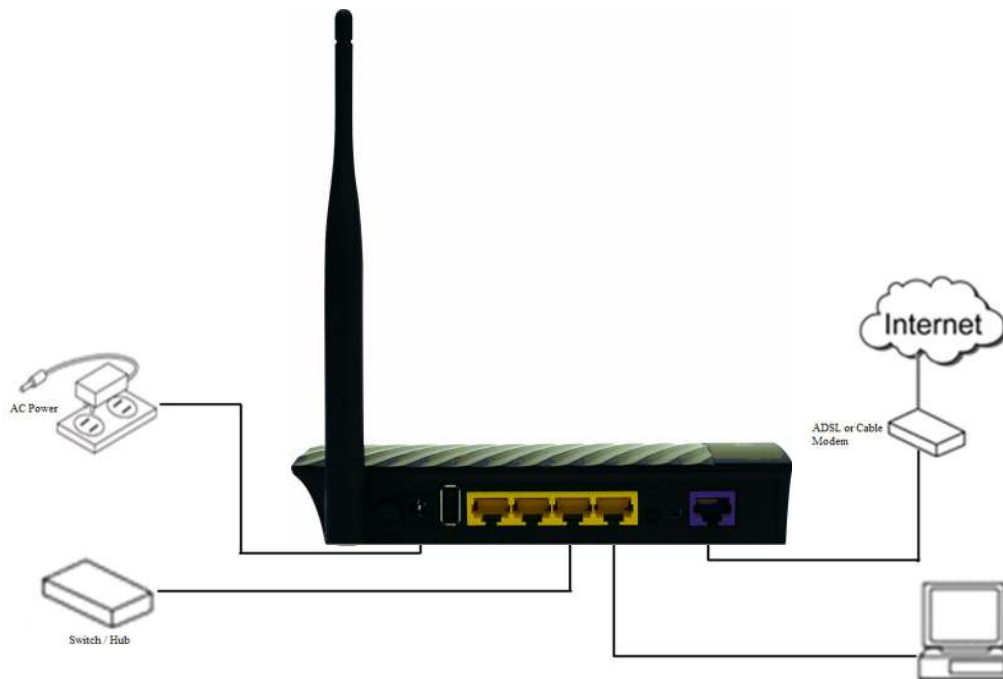
1. Connect your xDSL / cable modem to the WAN port of the router by an Ethernet cable.



2. Connect all your computers, network devices (switch / hub) to the LAN port of the router.



3. Connect the power adapter (5V DC / 1.5A) to the wall socket, and then connect it to the 'Power' socket of the router.



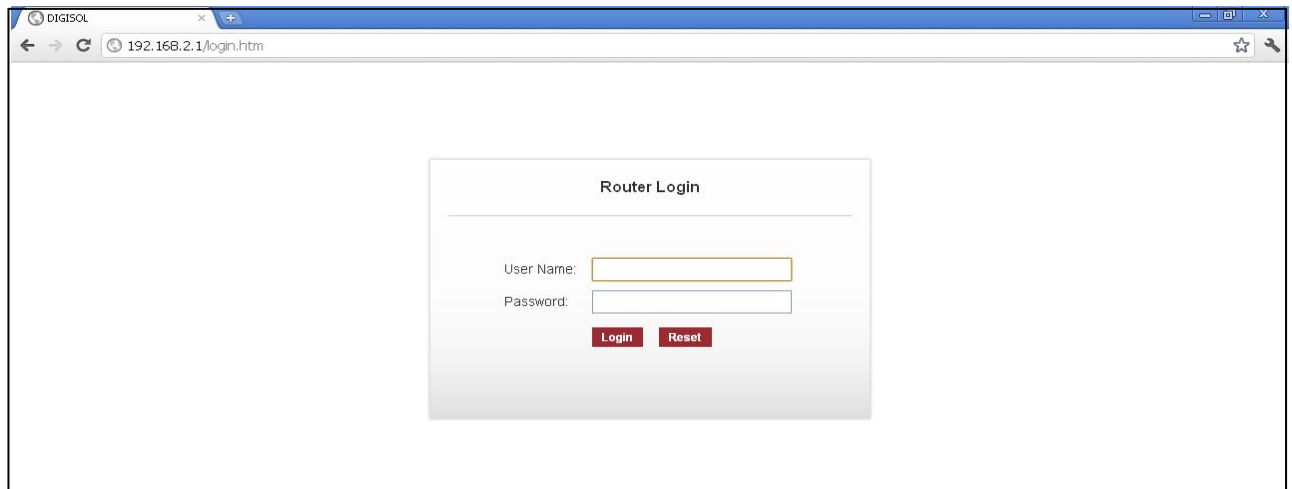
4. Please check all LEDs on the front panel. Power LED 'PWR' should be steadily ON, WAN and LAN LEDs should be ON. Check if the computer/network device connected to the respective port of the router is powered ON and correctly connected. If power LED 'PWR' is not ON, or any LED you expected is not ON, please recheck the cabling.

Web Management

Connecting the router's management interface by web browser:


After you assign an IP address to the computer, open the web browser, and type the IP address of the router in the address bar as '**http://192.168.1.1**'.

The following message will be shown:



The screenshot shows a web browser window with the title 'DIGISOL'. The address bar displays '192.168.2.1/login.htm'. The main content area features a 'Router Login' form. The form has two input fields: 'User Name:' and 'Password:'. Below these fields are two buttons: 'Login' and 'Reset'.

Please input user name and password in the field respectively, default user name is 'admin', and default password is '1234', then press 'Login' button, and you can see the web management interface of this router:


DG-HR1420
150Mbps Wireless
3G Broadband Router

Status
Wizard
Setup
Advanced
Service
Firewall
Maintenance

Device_info

> Device_info

Statistics

Wireless Router Status

This page shows the current status and some basic settings of the device.

System

Alias Name	DG-HR1420
Uptime	0 0:14:57
Date/Time	Sun Jan 1 2012 5:44:57
Firmware Version	V1.0.0
Built Date	Sep 3 2014 10:06:30

LAN Configuration

IP Address	192.168.1.1
Subnet Mask	255.255.255.0
IPv6 Address	fe80::205:1dff:fe03:405
DHCP Server	Enable
MAC Address	00:17:7C:31:27:55

DNS Status

DNS Mode	Manual
DNS Servers	4.2.2.2 4.2.2.3 8.8.8.8
IPv6 DNS Mode	Auto
IPv6 DNS Servers	

Ethernet WAN Interfaces

Interface	Droute	Protocol	IP Address	Gateway	Status
WAND	On	STATIC IP	121.242.57.56	121.242.57.33	down

Ethernet WAN IPV6 Configuration

Interface	Protocol	IPv6 Address	Prefix	Gateway	Droute	Status
WAND	STATIC IP					down

WAN 3G Connections

Interface	Droute	Protocol	IP Address	Gateway	Status

Refresh

Technical Support - 1800 209 3444

FAQ

Following are the solutions to problems that may occur during the installation and operation of the Digisol DG-HR1420 Router.

1. Router cannot get connected to internet.

- Access the router's web configuration and go to '**status**'->'Device_Info' menu and verify internet connection status.
- If you were previously able to connect a computer to the internet directly, try to do that again, and verify whether you can access internet with your computer directly attached to the device provided by your internet service provider.
- Check PPPoE user ID and password again.
- Call your internet service provider and verify whether there is some issue with their service.
- Try to reboot the router and verify whether it connects to internet or not.
- Try to use IP address instead of host name. If you can use IP address to communicate with a remote server, but cannot use host name, please check DNS settings.
- If you are using 3G USB Dongle, then please verify if it is compatible with the router using the compatibility list available on website or call 1800 209 3444.

2. Wireless client cannot locate the router.

- Verify whether 'Broadcast ESSID' is set to off in router's web configuration.
- Verify whether the antenna is properly connected and in correct direction.
- Is your wireless client far away from your router? Try to get closer to the router.
- Ensure that you input ESSID on your wireless client manually, if ESSID broadcast is disabled.

This product comes with lifetime warranty.
For further details about warranty policy and
product registration, please visit support
section of www.digisol.com



"PRODUCTS SOLD OUTSIDE INDIA CARRY 1 YEAR WARRANTY ONLY"



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