



Quick Installation Guide

RANGER SERIES

**LOAD BALANCING ROUTER WITH 2xFE
WAN, 1x3G/4G ENABLED USB, 3xFE LAN**

DG-LB1054UV

V2.0
2018-08-28

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Package Contents

The following items should be present in your package:

- DG-LB1054UV (1 No.)
- Power Adapter
- Patch Cord
- Quick installation guide
- Installation software CD (includes User Manual & QIG)

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

Congratulations on your purchase of this outstanding product DG-LB1054UV. This device is specifically designed for SMB & SOHO offices, small shops and chain stores. No matter offices are located at wire unreachable area, it can connect to Intranet of headquarter instantly via fixed line and/or cellular network. No need to apply for expensive leased line in advance. With multiple WAN load balance and fail-over, it guarantees non-interrupt operation.

By IPSec/PPTP/L2TP VPN tunneling and failover technology, it can establish a secure non-stop connection with headquarter even IP is changing all the time. Firewall protection is useful to avoid hackers attacking. With embedded robust security and firewall function, it's suitable for remote branch offices to access the corporate database & servers located in headquarter data center through internet. Besides, this device also provides VoIP feature to enable secure and cost effective Intranet voice communication through internet.

Instructions for installing and configuring this product can be found in this manual. Before you install and use this product, please read this manual carefully for fully exploiting the functions of this product.

Safety Instructions



- Do not use the product in high humidity or high temperatures.
- Only use the power adapter that comes with the package. Using a different voltage rating power adaptor may damage the product.
- Do not open or repair the case yourself. If the Product is too hot, turn off the power immediately and have it repaired at a qualified service center.
- Place the Product on a stable surface and avoid using this product and all accessories outdoor.

System Requirements

Network Requirements	<ul style="list-style-type: none">• An Ethernet RJ-45 Cable or DSL modem.• 3G/4G cellular service subscription.• IEEE 802.11n or 802.11b/g wireless clients.• 10/100/1000 Ethernet adapter on PC / NB.
Web-based Configuration Utility Requirements	<p>Computer with the following:</p> <ul style="list-style-type: none">• Windows®, Macintosh, or Linux-based operating system.• An installed Ethernet adapter. <p>Browser Requirements:</p> <ul style="list-style-type: none">• Internet Explorer 6.0 or higher.• Chrome 2.0 or higher.• Firefox 3.0 or higher.• Safari 3.0 or higher.
CD Installation Wizard Requirements	<p>Computer with the following:</p> <ul style="list-style-type: none">• Windows® 7 / 8, Vista®, or XP with Service Pack 2.• An installed Ethernet adapter.• CD-ROM drive.

Hardware Installation

FRONT VIEW



USB

REAR VIEW



Reset Button

Power ON/OFF Switch

Auto MDI/MDIX RJ-45 Ports

Receptor for Power Adapter

LED Indicators

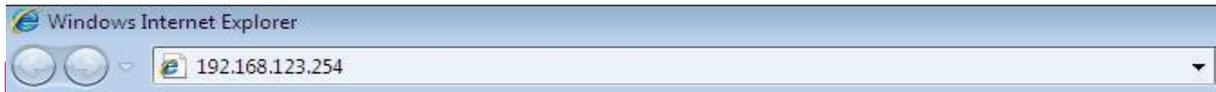


LED	Symbol	Description
Power		OFF: Device is powered down.
		Orange: Device is booting up.
		Green (Steady): Device is powered on.
		Orange in flash: Device is in recovery mode or abnormal.
WAN		Green: Ethernet connection is established.
		Green in flash: Data packet transferred through WAN.
		OFF: No Ethernet cable attached or Device not linked.
LAN1 ~ LAN4		Green: Ethernet connection is established.
		Green in flash: Data packet transferred via Ethernet.
		OFF: No Ethernet cable attached or Device not linked.

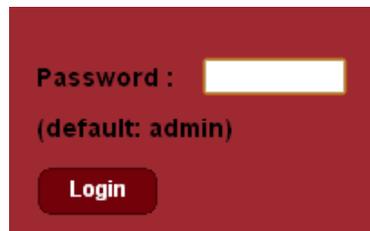
System Login

Browse to Activate the Setup Wizard

Type in the IP Address (http://192.168.123.254) *



Type the default Password '**admin**' in the System Password and then click '**login**' button.

A screenshot of a login form with a dark red background. It features a text input field for the password, with the label "Password :". Below the field, it says "(default: admin)". At the bottom of the form is a rounded rectangular button labeled "Login".

Remark:

- * 1. The default LAN IP address of this gateway is 192.168.123.254. If you change it, you need to type the new IP address.
- *2. It's strongly recommended that you change this login password from default value.

Select your language.



Select "**Wizard**" for basic settings in a simple way.

Or, you can go to Basic Network / Advanced Network / System to setup the configuration by your own selection.

DIGISOL™ Firmware Version: 00KE0.6001_03161430 Language: English [Logout](#)

Wizard
 Status
Network Status
 LAN Client List
 Firewall Status
 VPN Status
 System Mgmt. Status
 Basic Network
 Advanced Network
 System

WAN Interface IPv4 Network Status

WAN ID	Interface	WAN Type	IP Addr.	Subnet Mask	Gateway	DNS	MAC Address	Conn. Status	Actions
WAN-1	Ethernet 1	Static IP	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0, 0.0.0.0	00:50:18:21:DC:C0	Disconnected	Edit
WAN-2		Disable							Edit
WAN-3	USB 3G/4G	3G/4G	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0, 0.0.0.0	N/A	Disconnected	Edit

WAN Interface IPv6 Network Status

WAN ID	Interface	WAN Type	Link-Local IP Address	Global IP Address	Connection Status	Actions
WAN-1		Disable				Edit

LAN Interface Status

IPv4 Address	IPv4 Subnet Mask	IPv6 Link-Local Address	IPv6 Global Address	Actions
192.168.123.254	255.255.255.0		/64	Edit IPv4 Edit IPv6

3G/4G Modem Status [Refresh](#)

Physical Interface	Card Information	Link Status	Signal Strength	Network Name	Actions
USB 3G/4G	N/A	Disconnected	N/A	N/A	Detail

Internet Traffic Statistics

FAQ

Following are the solutions to problems that may occur during the installation and operation of the **DIGISOL DG-LB1054UV**.

- 1) I cannot configure the router even when the cable is plugged and the LED is Lit.
 Do a Ping test to make sure that the load balancing Router is responding.

- Go to Start > Run.
- Type **cmd**.

Note: It is recommended that you use an Ethernet connection to configure it



- Press OK.
- Type ipconfig to get the IP of default gateway.
- Type “ping 192.168.123.254”. Assure that you ping the correct IP Address assigned to the load balancing Router. It will show four replies if you ping correctly.

```
Pinging 192.168.123.254 with 32 bytes of data:  
Reply from 192.168.123.254: bytes=32 time<1ms TTL=64  
Reply from 192.168.123.254: bytes=32 time<1ms TTL=64  
Reply from 192.168.123.254: bytes=32 time<1ms TTL=64  
Reply from 192.168.123.254: bytes=32 time<1ms TTL=64
```

Ensure that your Ethernet Adapter is working, and that all network drivers are installed properly. Network adapter names will vary depending on your specific adapter. The installation steps listed below are applicable for all network adapters.

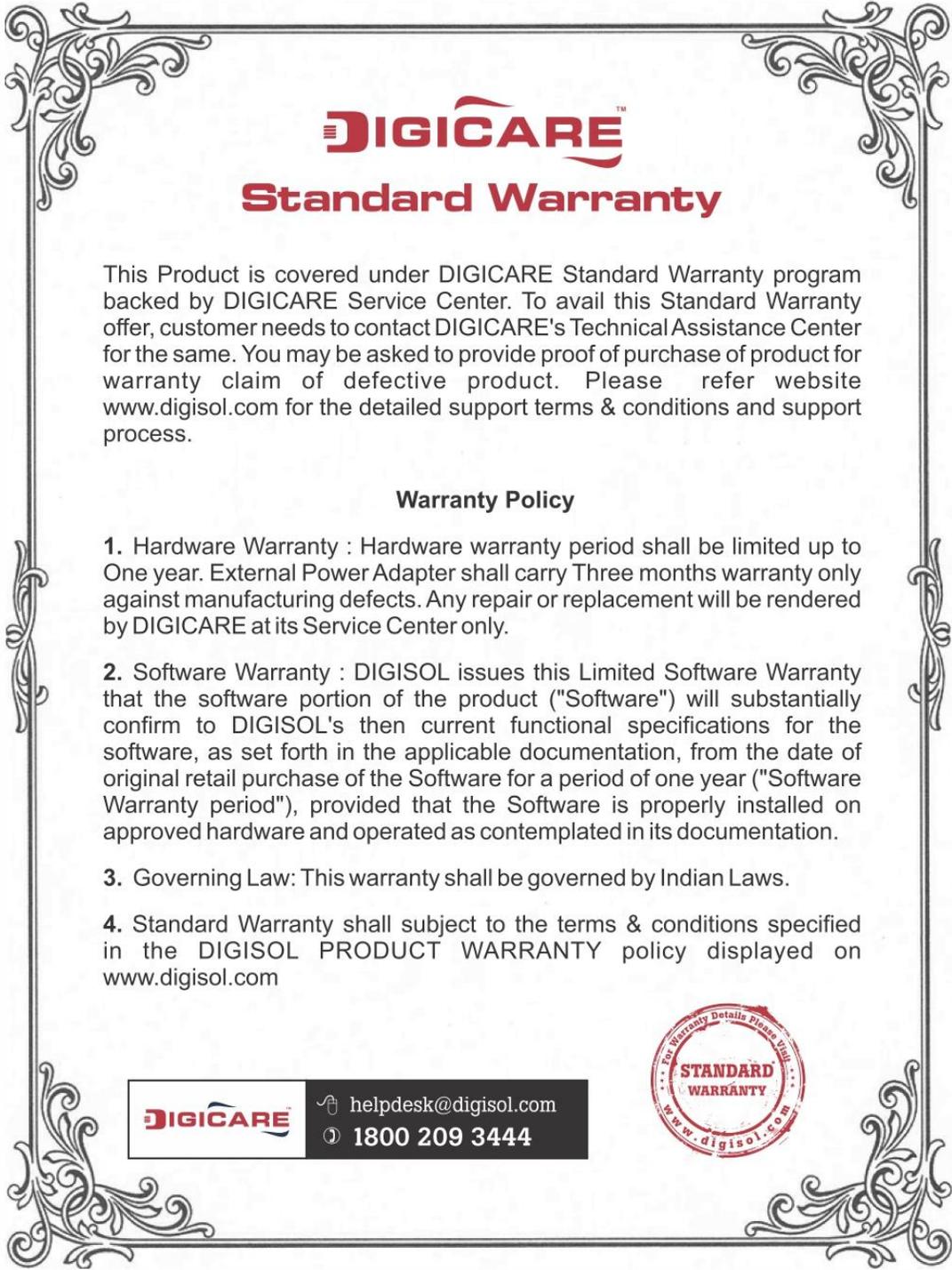
- Go to **Start > Right click on “My Computer” > Properties**.
- Select the Hardware Tab.
- Click **Device Manager**.
- Double-click on “Network Adapters”.
- Right-click on Wired Card bus Adapter or your specific network adapter.
- Select Properties to ensure that all drivers are installed properly.
- Look under Device Status to see if the device is working properly.
- Click “OK”.

2) My Ethernet connection does not work properly.

- Make sure the RJ45 cable connects with the router.
- Ensure that the setting on your Network Interface Card adapter is “Enabled”.
- If settings are correct, ensure that you are not using a crossover Ethernet cable, not all.
- Network Interface Cards are MDI/MDIX compatible, and using a patch cable is recommended.
- If the connection still doesn't work properly, then you can reset it to default.

3) How to reset to default.

- Ensure the load balancing Router is powered on.
- Find the Reset button on the right side.
- Press the Reset button for 8 seconds and then release.
- After the Router reboots, it gets back to the factory default settings.



DIGICARE™

Standard Warranty

This Product is covered under DIGICARE Standard Warranty program backed by DIGICARE Service Center. To avail this Standard Warranty offer, customer needs to contact DIGICARE's Technical Assistance Center for the same. You may be asked to provide proof of purchase of product for warranty claim of defective product. Please refer website www.digisol.com for the detailed support terms & conditions and support process.

Warranty Policy

1. Hardware Warranty : Hardware warranty period shall be limited up to One year. External Power Adapter shall carry Three months warranty only against manufacturing defects. Any repair or replacement will be rendered by DIGICARE at its Service Center only.
2. Software Warranty : DIGISOL issues this Limited Software Warranty that the software portion of the product ("Software") will substantially conform to DIGISOL's then current functional specifications for the software, as set forth in the applicable documentation, from the date of original retail purchase of the Software for a period of one year ("Software Warranty period"), provided that the Software is properly installed on approved hardware and operated as contemplated in its documentation.
3. Governing Law: This warranty shall be governed by Indian Laws.
4. Standard Warranty shall subject to the terms & conditions specified in the DIGISOL PRODUCT WARRANTY policy displayed on www.digisol.com

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