



DIGISOL™

4G AND 3G PRODUCTS

DIGISOL 150Mbps Wireless Broadband 4G/3G Home Router with USB Port

DG-HR1420 (H/W Ver. A1)

Key Features:-

- Up to 150Mbps Wireless Speed
- Multiple Wireless modes to select WLAN Operation Mode
- Multiple SSID support for multiple Wi-Fi networks
- WMM function enhances the multimedia experience on wireless
- Better Wi-Fi coverage using High gain Antenna (5dBi)
- WAN Failover to 4G/3G
- 4G Supported
- Protect your LAN/WLAN network using Firewall & DoS Protection
- URL blocking for Parental control
- USB Port for connecting 4G/3G Dongle
- IPv6 Support



Introduction:-

DIGISOL DG-HR1420, IEEE802.11n wireless 4G/3G router provides a better wireless signal for your network than previous-generation IEEE802.11g technology. Upgrading your home network to IEEE802.11n wireless router provides an excellent solution for sharing an Internet resource and files such as video, music, and documents. DG-HR1420 use intelligent antenna technology to transmit multiple streams of data which enables you to receive wireless signals faster at your home. Not only the IEEE802.11n technology extends your wireless range, it also works with previous-generation IEEE802.11b/g wireless devices. The wireless router also includes QoS (Quality of Service) prioritization technology that analyzes and separates multiple data streams based on sensitivity to delay, enabling multiple applications to stream smoothly across your network. DG-HR1420 supports wireless 802.11b/g/n and the following security protocols: WEP, WPA, WPA2.

DIGISOL DG-HR1420 wireless 4G/3G router has Quick Setup Wizard quickly configures your new wireless router to get you up and running in minutes. Our Setup Wizard shows you step by step installation process to configure your Internet connection, wireless network settings and security.

Quick & Easy Secure Wireless Setup

DG-HR1420 wireless broadband router supports WPS (Wi-Fi Protected Setup), which simplifies wireless client setup procedures (using push button), so that even an inexperienced user can setup a secured wireless network.

Robust WLAN security (WPA, WPA2)

DG-HR1420 supports robust security using WPA2-PSK with AES which enhances the security of wireless network to protect sensitive data from hackers. DG-HR1420 also supports 64/128 bit WEP encryption which offers first level of security choice to home users to provide confidentiality of the wireless network.

4G/3G/WAN Failover

The DG-HR1420 Wireless 4G/3G router provides redundancy to Internet by falling back to secondary link if the primary Internet link fails. This ensures uninterrupted Internet services to users.



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Technical Specifications:-

Hardware Specifications

- Antenna: One Fixed 5dBi Antenna
- WPS/WLAN Push Button
- Factory Reset button

Network Ports

- 1 x 10/100Mbps UTP WAN Port
- 4 x 10/100Mbps UTP LAN Ports
- 1 x USB 2.0 Port for 4G/3G modem

Status LED

- USB, Power, WAN, LAN(1~4), WLAN, WPS

Standard compliance

- IEEE 802.3 10 Base-T Ethernet
- IEEE 802.3u 100 Base-TX Fast Ethernet
- IEEE 802.11b, IEEE 802.11g, IEEE 802.11n

Frequency Band

- 2.4000 ~ 2.4836 GHz

WLAN data transfer rates

- IEEE 802.11b up to 11Mbps
- IEEE 802.11g up to 54Mbps
- IEEE 802.11n up to 150Mbps

Wireless Output power

- IEEE 802.11n: 18 +/- 1dBm
- IEEE 802.11g: 19 +/- 1dBm
- IEEE 802.11b: 23 +/- 1dBm

Software Feature WLAN

- WEP, WPA TKIP/AES and WPA2 TKIP/AES/Mixed
- Wireless Auto-channel selection
- Multiple SSID (MBSSID)
- SSID broadcast control
- MAC filter

Wireless Modes

- Wireless repeater mode
- Wireless Bridge (WDS) mode
- Wireless AP Mode

QoS

- Traffic shaping

Security

- ACL
- IP Filtering
- URL Blocking
- MAC Filter

Advance Settings

- NAT/NAPT
- DMZ
- Virtual Server
- DNS
- UPnP
- FTP Server
- USB Mass Storage
- Static Routing

WAN Connection Type

- 4G/3G • Static IP • PPPoE • DHCP

Management

- Remote management
- Configuration backup/restore
- Firmware upgrade
- Diagnostic Tool (Ping/ Traceroute)
- Web GUI interface (HTTP)
- Telnet

DDNS

- DynDns / TZO / No-ip

Environmental specifications

- Operating temperature : 0 to 40 degree Celsius
- Storage temperature : -40 to 70 degree Celsius
- Operating Humidity : 10% to 90%
- Storage Humidity : 5% to 95%

Power Supply

- 5V DC, 1.5A Power Adapter

Dimensions

- Net: (LxWxH) 168 x 110 x 30 mm
- Gross: (LxWxH) 205 x 210 x 52 mm

Weight

- Net : 175 g
- Gross : 396 g

Warranty

- DIGICARE Lifetime warranty



Ordering Information:-

DG-HR1420 : DIGISOL 150Mbps Wireless Broadband 4G/3G Home Router with USB Port

*Lifetime Warranty shall be subject to terms and conditions specified in the DIGISOL PRODUCT WARRANTY displayed on the website of the company.

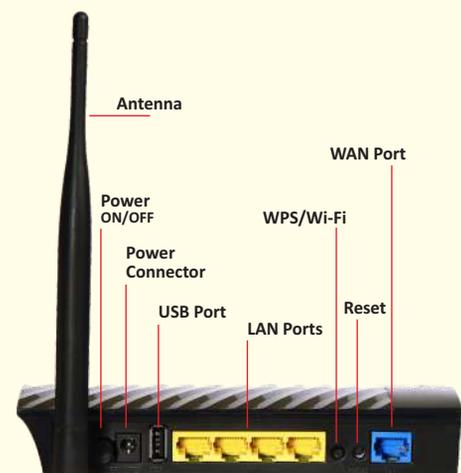
4G/3G USB Dongle: Please verify the compatibility of the data card with this router from www.digisol.com website or Call on our Toll Free Support Number: 1800-209-3444 or email to helpdesk@digisol.com

The URL blocking will only block http sites.

The WAN failover to 4G/3G is effective when the WAN Cable is unplugged from the router.

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