



Quick &amp; Easy Setup



Enhanced Multimedia Experience

## 300Mbps Wireless Broadband 3G Home Router with USB Port

### DG-HR3420

**DIGISOL DG-HR3420**, IEEE802.11n wireless 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-HR3420 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-HR3420 supports wireless 802.11b/g/n and the following security protocols: WEP, WPA, WPA2.

**DIGISOL DG-HR3420** wireless 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.



#### Product Features & Compliances:

- Up to 300Mbps 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 3G
- Protect your LAN/WLAN network using Firewall & DoS Protection
- URL blocking for Parental control
- USB Port for connecting 3G Dongle
- IPv6 Support

**Quick & Easy Secure Wireless Setup**

DG-HR3420 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-HR3420 supports robust security using WPA2-PSK with AES which enhances the security of wireless network to protect sensitive data from hackers. DG-HR3420 also supports 64/128 bit WEP encryption which offers first level of security choice to home users to provide confidentiality of the wireless network.

**3G/WAN Failover**

The DG-HR3420 Wireless 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.



DG-HR3420

**Technical Specifications**

**Hardware Specifications**

Antenna: Two 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 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 300Mbps

**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**

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-HR3420 : DIGISOL 300Mbps Wireless Broadband 3G Home Router with USB Port**

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\*3G USB Dongle: Please verify the compatibility of the data card with this router from [www.smartlink.co.in](http://www.smartlink.co.in) website or Call on our Toll Free Support Number: 1800-209-3444 or email to [helpdesk@digisol.com](mailto:helpdesk@digisol.com)  
The URL blocking will only block http sites.  
The WAN failover to 3G is effective when the WAN Cable is unplugged from the router.