DIGISOL™

Enhance Multimedia Experience

User friendly utility

Energy Efficient

Robust WLAN Security

802.11n 150 Mbps Wireless Green Broadband Router
DG-BR4000NG

DIGISOL DG-BR4000NG wireless green broadband router which enables communication between wireless and wired notebooks/desktop computers in the network and it also allows Internet connectivity to the network. DG-BG4000NG is an energy-efficient router which helps to save more power by using advanced Power saving Technology.

The DG-BR4000NG wireless broadband router can provide wireless data transmission rate up to 150Mbps which enhances the sharing of files, photo, audio, video and gaming experience over wireless network. DG-BR4000NG is truly a high performance and cost-effective solution for your home and small business environments.

Product Features & Compliances
- WMM to enhance multimedia experience
- Functions as Access Point and AP Bridge simultaneously
- Wireless connection to ISP (WISP) and LAN users.
- Robust WLAN security
- Supports URL Blocking & SPI/DoS Protection
- Supports WPS function with push button
- Supports WLAN network speed up to 150Mbps
- Supports Dynamic DNS and VPN Pass-Through
- Wireless ON/OFF switch
- Energy efficient

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Wireless Internet Service Provider (WISP)

Wireless connection from your broadband router to an ISP's Access Point is also possible. When DGBR4000NG is configured in WISP mode it repeats the signal from a wireless Internet Service Provider to home or office, simultaneously allowing connection of both wired and wireless stations to the Internet.

WMM to enhance multimedia experience

The DG-BR4000NG wireless broadband router supports WMM (Wi-Fi Multimedia) technology, which can enhance the performance by applying QoS for certain network applications like audio/video streaming, VoIP and others. With WMM function, the broadband router assigns priority to different types of data for better throughput.

Robust WLAN Security (WPA, WPA2, RADIUS)

DG-BR4000NG supports robust security using WPA2 Enterprise (802.1x with AES) which enhances the security of wireless network to protect sensitive data from hackers. DG-BR4000NG also supports 64/128 bit WEP encryption which offers first level of security choice to home users to provide confidentiality of the wireless network.

Quick & Easy Secure Wireless Setup

The DG-BR4000NG 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.

Energy efficient

DG-BR4000NG is an energy-efficient router which helps to save power by using advanced power saving technology. When the wireless radio is idle i.e. no wireless client is accessing the WLAN network the router saves power by off-loading CPU. The Smart Transmit Power Control mechanism in DG-BR4000NG transmits optimum power depending upon the distance of wireless clients from the router.

Technical Specifications

Hardware specifications
- Flash: 4MB
- RAM: 16MB
- Antenna: One fixed dipole 3dBi antenna
- WLAN ON/OFF switch
- Reset/WPS switch

Network ports
- 1 x 10/100 Mbps UTP WAN port
- 4 x 10/100 Mbps UTP LAN ports

Standards compliance
- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n
- IEEE 802.1x RADIUS authentication

WLAN data transfer rates
- IEEE802.11b: 1/2/5.5/11Mbps
- IEEE802.11g: 6/9/12/24/36/48/54Mbps
- IEEE802.11n (20MHz): MCS0-7, up to 72Mbps
- IEEE802.11n (40MHz): MCS0-7, up to 150Mbps

Output power
- IEEE 802.11b: 17dBm ± 1.5dBm
- IEEE 802.11g: 14dBm ± 1.5dBm
- IEEE 802.11n: 13dBm ± 1.5dBm

Status LEDs
- Power
- WLAN
- WAN
- LAN ports 1~4

Regulations/Approvals
- FCC part 15 Class B
- CE

Environmental Specifications
- Operating temperature: 0°C ~ 40°C
- Storage temperature: -20°C ~ 60°C
- Humidity Operating: 10 ~ 90% (Non-condensing)
- Storage Humidity: Max. 95% (Non-condensing)

Power supply
- 5V DC, 1A Switching power adapter

Dimensions
- Net dimensions: (l x w x h) 181 x 122 x 29 mm
- Gross dimensions: (l x w x h) 276 x 210 x 70 mm

Weights
- Net weight: 220 g
- Gross weight: 610 g

POWER SAVING | DIGI GREEN | N | 1T1R | WPS | WLAN ON/OFF | 4 ports | WPA/WPA 2 | WEP 64/128 bit | WDS | Quick Setup

UPnP | 10/100 Mbps | Full Duplex | Auto MDIX | LIFETIME WARRANTY | FC CE

Ordering Information:

DG-BR4000NG : DIGISOL 802.11n 150Mbps Wireless Green Broadband Router

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