

#### Micro Size Design with Internal Antenna

The Micro Size and lightweight design of DG-BR1000Nu make it an ideal portable router which is easy to carry even while you are roaming.

#### Wireless Internet Service Provider (WISP)

With DG-BR1000Nu wireless Internet connection to the ISP's Access Point is also possible. When DG-BR1000Nu 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-BR1000Nu Micro 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 Micro broadband router assigns priority to different types of data for better throughput.

#### Robust WLAN Security (WPA, WPA2, RADIUS)

DG-BR1000Nu supports robust security using WPA2 Enterprise (802.1x with AES) which enhances the security of wireless network to protect sensitive data from hackers. DG-BR1000Nu 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-BR1000Nu wireless Micro broadband router supports WPS (Wi-Fi Protected Setup), which simplifies the procedure to associate a wireless client with the router. This saves on the time required to configure the router for a secured wireless link.

## 150Mbps Wireless Micro Broadband Router DG-BR1000Nu

**DIGISOL** DG-BR1000Nu is 150Mbps Wireless Micro Broadband Router which enables communication between wireless and wired notebooks/desktop computers in the network and offers Internet connectivity to LAN users. The Micro Size and lightweight design makes it a perfect router to fit in a small space and convenient to carry when roaming. DG-BR1000Nu 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-BR1000Nu is truly a high performance and cost-effective solution for your home and small business environments.



#### Product Features & Compliances

- Micro Size Design with Integrated Antenna
- WMM to enhance multimedia experience
- Wireless connection to ISP (WISP) and LAN users.
- Robust WLAN security
- Supports URL Blocking & Anti-DOS Firewall
- Supports WPS function with push button
- Supports WLAN network speed up to 150Mbps
- Supports Dynamic DNS and VPN Pass-Through



## Technical Specifications

### Hardware specifications:

- Antenna: Internal Antenna (1T1R)
- One 10/100Mbps UTP Port (Auto MDI/MDI-X) for LAN
- One 10/100Mbps UTP Port (Auto MDI/MDI-X) for WAN
- One WPS push button
- Micro-USB interface for connecting Power Adapter
- Flash: 2MB
- SDRAM: 16MB

### Frequency band:

- 2.4000 ~ 2.4835GHz (Industrial Scientific Medical Band)

### Standard compliance:

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE802.11b
- IEEE802.11g
- IEEE802.11n
- RADIUS (IEEE802.1x)

### Data rate:

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

### Output power:

- IEEE802.11b: 17 ± 1.5dBm
- IEEE802.11g: 14 ± 1.5dBm
- IEEE802.11n: 14 ± 1.5dBm

### Wireless Security:

- WEP
- WPA
- WPA2
- IEEE802.1x

### LED's:

- Power
- WLAN
- WAN
- LAN

### Power:

- 5V DC, 1A Switching Power Adapter

### Environmental Specifications

- Operating temperature: 32-104°F (0-40°C)
- Operating humidity: 10-90% (Non-Condensing)
- Storage temperature: -4-140°F (-20-60°C)
- Storage Humidity: Max. 95% (Non-Condensing)

### Certification:

- FCC part 15 Class B
- CE

### Warranty

- Digicare lifetime warranty



## Ordering Information:

DG-BR1000Nu: DIGISOL 802.11N 150Mbps Wireless Micro Broadband Router.

\*\*Please refer warranty document on [www.digisol.com](http://www.digisol.com)

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