



**Highspeed Internet Access**



**Robust Security**



**Quick Connect Utility**



**Quality of Service**

## ADSL2/2+ Combo Broadband Router DG-BG1100U

**DIGISOL** ADSL 2/2 + Combo Broadband Router DG-BG1100U is a high performance router providing high speed download up to 24Mbps and upload speed up to 1Mbps. DG-BG1100U is a combo router providing one RJ-11 interface for ADSL Internet link, one RJ-45 Ethernet/USB interface for connecting to a notebook/desktop computer.

The DG-BG1100U ADSL2/2+ router can also be used for sharing the Internet among LAN users by connecting the Ethernet interface to a switch. The DGBG1100U is an ideal solution for SOHO users who wish to share highspeed Internet access.



### Product Features & Compliances

- Full rate ADSL2/2+ router
- Supports Quality of Service (QoS)
- Supports Router/Bridge function
- Supports Virtual Server and Firewall
- User friendly GUI for Web configuration
- Easy Configuration with Quick Connect Utility
- Supports up to 8 Permanent Virtual Circuits (PVC)
- Provides upto 24Mbps downstream & upto 1Mbps Upstream

### Quality of Service (QoS)

DG-BG1100U supports QoS which enhances the performance of certain network applications like audio/video streaming, VoIP etc. DG-BG1100U classifies the traffic based on IP and then assigns priority to different types of data for better application performance.

### Virtual Server and Firewall

DG-BG1100U supports Virtual Server for allowing access to servers hosted in LAN from Internet. Router can allow access to servers in LAN from specific remote IPs and restrict access to rest of the remote users. DGBG1100U supports a different internal and external port configuration for the local servers, thus providing additional security to the hosted servers.

DG-BG1100U protects LAN resources from users of other networks, and prevents unauthorized Internet users from accessing the local area network. All data entering or leaving the router must pass through the security checks, wherein each message is checked and blocks those messages that do not meet the specific security criteria.

### Robust security

DG-BG1100U supports security features like IP and MAC address filtering. This helps in providing authorized access of the network. The firewall features like URL and Key word filtering helps in controlling the content accessed over the Internet. The Application Layer Gateway (ALG) and Anti-DoS protection features helps in securing the network from external intruders.

### Easy Configuration with Quick Connect Utility

The Quick Connect Utility is designed to setup and configure the router easily without any hassles. Users can connect their notebook/desktop computer to the router via Ethernet/USB interface and then execute the Quick Connect Utility on their system. The utility will help the user to configure the router and connect to Internet without accessing the web management of the router.

## Technical Specifications

### Technical Specifications Interface

- 1 RJ-45 10/100Mbps Fast Ethernet port
- 1 USB 1.1 port
- 1 RJ-11 ADSL port
- Factory reset
- Power jack
- On/Off switch

### ADSL standards

- ITU G.992.1 (G.dmt) Annex A
- ITU G.992.2 (G.lite)
- ANSI T1.413 Issue 2
- ITU G.992.3(ADSL2)
- ITU G.992.5(ADSL2+)

### Encapsulation supports

- RFC 1483 Bridge
- RFC 1483 Router
- Classical IP over ATM (RFC 1577)
- PPP over ATM (RFC 2364)
- PPP over Ethernet (RFC 2516)

### Network Protocols/Features

- NAT
- Static routing, RIP v1 and v2

- Universal Plug n Play (UPnP) Compliant
- DDNS
- Port Forwarding
- SNTP
- DNS relay

### Virtual private network (VPN)

- IPSec/PPTP Passthrough

### Firewall/Access Security

- Built-in Firewall
- Stateful Packet Inspection (SPI)
- IP Filtering

### LED indicators

- Power
- Link
- Data
- Ethernet
- USB

### Quality of Service (QoS)

- QoS with traffic classification based on IP and L2/L3 QoS

### Configuration/Management

- Web based GUI for management

- Quick Connect Utility
- TR-069 client (optional)
- Firmware upgrade using HTTP, FTP or TFTP Protocol Telnet
- Configuration upload / download via web based GUI
- DHCP server/client
- SNMP
- SNTP
- Software reset

### Power

- Output: 12V DC, 500mA

### Environmental Specifications

- Operating temperature: -5C to 50C
- Humidity Operating: 10%~90% (non-condensing)

### Dimension

- Net: (LxWxH) 143 x 108 x 35 mm
- Gross: (LxWxH) 276 x 210 x 70 mm



## Ordering Information:

### DG-BG1100U: ADSL2/2 + Combo Broadband Router with Ethernet & USB Interface

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