

Wall Mount & Compact Design

This Wireless Repeater has a in-built power adapter and hence can be easily wall mounted on the power outlet present on the wall. This makes it easy to install and use. Due to compact design the wireless repeater can be easily installed in the location where the wireless signals are weak and need enhancement.

Robust WLAN Security

DG-WR3001N provides robust wireless security to protect sensitive data from hackers and also maintain confidentiality of the Wireless Network. This is achieved by using security protocols ranging from 64/128 bit WEP encryption (first level of Security) to WPA2 Enterprise (highest level).

Signal strength LED indicator

The signal strength LED on the device helps in better placement of the unit in the area in which primary Access Point signals are available. It also notifies the user about a weak or an excellent signal.

Toggle switch to select the operational mode

A toggle switch on the unit helps in selecting the operational modes between Universal Repeater, Access Point and a Wireless Client. This simplifies the configuration & installation of the device.

Quick & Easy Setup of Secured Wireless Network

DG-WR3001N supports WPS (Wi-Fi Protected Setup) function, it simplifies the procedure to setup a secured wireless network. By pressing a WPS button on the unit, DG-WR3001N can wirelessly associate itself with another WPS enabled network device securely.

300Mbps Wireless Repeater DG-WR3001N

DIGISOL DG-WR3001N is a 300Mbps Wireless Universal Repeater which can easily extend the wireless range of your wireless network. DG-WR3001N enhances Wi-Fi range and improves the signal quality of the Wi-Fi network. Integrated power adapter and a compact design make it easy for plugging the device directly into an electrical outlet & reduces the clutter of cables.

DG-WR3001N supports latest IEEE802.11n standard and is backward compatible with IEEE802.11b/g standard. With wireless speed up to 300Mbps, users can download, share and experience uninterrupted multimedia within the LAN.



Product Features & Compliances

- Extend Wireless range using Universal Repeater
- Wall Mount & Compact Design
- Wireless Speed up to 300Mbps
- Supports Access Point and Wireless Client mode
- Robust WLAN Security
- Toggle switch to select the operational mode
- Signal strength LED indicator
- Integrated Internal Antenna & Power Adapter
- WPS and Reset button



Technical Specifications

Hardware specifications:

- Antenna: Internal antenna (2T2R).
- One 10/100Mbps UTP Port (Auto MDI/MDI-X) for LAN
- One WPS/Reset push button
- 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): MCS0-15, up to 144Mbps
- IEEE802.11n (40MHz): MCS0-15, up to 300Mbps

Output power:

- IEEE802.11b: 17 ± 1.5 dBm
- IEEE802.11g: 14 ± 1.5 dBm
- IEEE802.11n (20MHz): 13 ± 1.5 dBm
- IEEE802.11n (40MHz): 13 ± 1.5 dBm

Receiver sensitivity:

- IEEE802.11b @ 11Mbps: -85 ± 2 dbm
- IEEE802.11g @ 54Mbps: -70 ± 2 dbm
- IEEE802.11n (20MHz) @ MCS15: -67 ± 2 dbm
- IEEE802.11n (40MHz) @ MCS15: -63 ± 2 dbm

Wireless Modes:

- Universal Repeater
- Access Point
- Wireless Client

Wireless Security:

- WEP
- WPA
- WPA2
- IEEE802.1x

Power:

- 5V, 1A Integrated Power Module Inside

Environmental Specifications

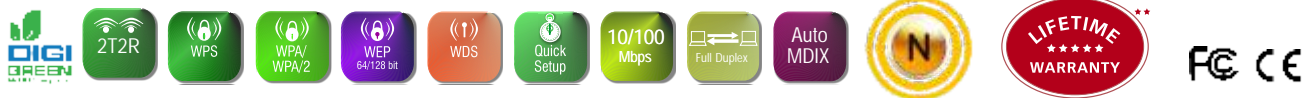
- Operating temperature: 32-104°F (0-40°C)
- Operating humidity: 10-90% (Non-Condensing)
- Storage temperature: -4-140°F (-20-60°C)
- Storage Humidity: Max. 95% (Non-Condensing)

Certification:

- FCC part 15 Class B
- CE

Warranty

- Digicare lifetime warranty



Ordering Information:

DG-WR3001N: DIGISOL 802.11N 300Mbps Wall Mount Wireless Repeater

**Please refer warranty document on www.digisol.com

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