DIGISOL

DIGISOL 300Mbps Wireless Repeater

DG-WR3001NE (H/W Ver. A1)

LIMITED
LIFETIME
WARRANTY
For Warranty Details Please Visit
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Key Features:-

- Extend Wireless range using Universal Repeater
- Wall Mount & Compact Design
- Wireless Speed up to 300Mbps
- Supports Access Point mode
- Robust WLAN Security
- External Antennas & Internal Power Adapter
- WPS and Reset button

Introduction:-

DIGISOL DG-WR3001NE is a 300Mbps Wireless Universal Repeater which can easily extend the wireless range of your wireless network. DG-WR3001NE 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-WR3001NE 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.

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-WR3001NE provides robust wireless security to protect sensitive data from hackers and also maintain confidentially 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).

Quick & Easy Setup of Secured Wireless Network

DG-WR3001NE 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-WR3001NE can wirelessly associate itself with another WPS enabled network device securely.

Technical Specifications:-

Hardware specifications
- Antenna: External antenna (2T2R)
- One 10/100Mbps UTP Port (Auto MDI/MDI-X) for LAN
- One WPS and One Reset push button
- One USB Port (Output 5V-0.5A)

Frequency band
- 2.4000 ~ 2.4835GHz

Standard compliance
- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE802.11b
- IEEE802.11g
- IEEE802.11n

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

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

Wireless Modes
- Universal Repeater
- Access Point

Wireless Security
- WEP
- WPA
- WPA2

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)

Warranty
- DIGICARE Limited Lifetime warranty

Ordering Information:-

DG-WR3001NE (H/W Ver. A1): DIGISOL 802.11N 300Mbps Wall Mount Wireless Repeater

*Limited Lifetime Warranty shall be subject to terms and conditions specified in the DIGISOL PRODUCT WARRANTY displayed on the website of the company.

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