



DIGISOL[®]

WIRELESS AND BROADBAND

DIGISOL AC1200Mbps Dualband Wireless Repeater

DG-WR1200AC (H/W Ver. A1)



Key Features:-

- Extend Wireless range using Universal Repeater
- Wall Mount & Compact Design
- Wireless Speed up to 1200Mbps
- Supports Access Point mode
- Robust WLAN Security
- External Antennas & Internal Power Adapter
- WPS and Reset button

Introduction:-

DIGISOL DG-WR1200AC is a 1200Mbps Wireless Universal Repeater which can easily extend the wireless range of your wireless network. DG-WR1200AC 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-WR1200AC supports latest IEEE802.11n standard and is backward compatible with IEEE802.11b/g standard. With wireless speed up to 1200Mbps, 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-WR1200AC 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 such as WPA2 Enterprise (highest level).

Quick & Easy Setup of Secured Wireless Network

DG-WR1200AC 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-WR1200AC can wirelessly associate itself with another WPS enabled network device securely.



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Technical Specifications:-

Hardware specifications

- 4x2dBi External antenna (2T2R) for each band.
- 2 x 10/100Mbps UTP Port (Auto MDI/MDI-X) for LAN
- One WPS and One Reset push button

Frequency band

- 2412MHz ~ 2472MHz (802.11b/g/n (H20))
- 2422MHz ~ 2462MHz (802.11n H40)
- 5180MHz ~ 5240MHz (802.11a/n/ac HT20)
- 5190MHz ~ 5230MHz (802.11n/ac HT40)
- 5210MHz ~ 5290MHz (802.11ac HT80)

Standard compliance

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE802.11a
- IEEE802.11ac
- 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): MCS0-7, up to 144Mbps
- IEEE802.11n (40MHz): MCS0-7, up to 300Mbps
- IEEE802.11a upto 6~54 Mbps
- IEEE802.11ac MCS0~9

Output power

- IEEE802.11b >17 ± 1.5dBm > 16dBm +/- 2dBm
- IEEE802.11g > 14 ± 1.5dBm >>>15dBm +/- 2dBm
- IEEE802.11n >13 ± 1.5dBm >>> 14 ± 2 dBm
- IEEE802.11ac >13 ± 1.5dBm >>> 14 ± 2 dBm

EIRP

- 20dBm max

Receiver sensitivity

- IEEE802.11b @ 11Mbps: -85 > -95
- IEEE802.11g @ 54Mbps: -70 > -92
- IEEE802.11n (20MHz) @ MCS15: -67 ± 2dbm to MCS0,7 , 8 -92m

- IEEE802.11n (40MHz) @ MCS15: -63 ± 2dbm to MCS0-7, -89m
- IEEE802.11a, -92dBm
- IEEE802.11ac: MCS0~9, 87dbm

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 3 years warranty



Ordering Information:-

DG-WR1200AC (H/W Ver. A1): DIGISOL 802.11ac 1200Mbps Wall Mount Dualband Wireless Repeater

*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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