



**Robust WLAN Security**



**User friendly utility**



**Enhanced Performance**



**Quick & Easy Secure Wireless Setup**

## 802.11n 300 Mbps Wireless Access Point DG-WA3000N

**DIGISOL** wireless Access Point DG-WA3000N enables communication between wireless and wired notebooks/desktop computers in the network. It complies with IEEE 802.11n standard and is backward compatible with IEEE 802.11b/g standard. The DG-WA3000N wireless Access Point can provide wireless data transmission rate up to 300Mbps which enhances the sharing of files, photo, audio, video and gaming experience over wireless network..



### Product Features & Compliances

- Web Configuration
- In-built RADIUS Server
- Supports WDS Bridge Mode
- Supports QoS - WMM function
- Supports Multiple Sets of ESSID
- Supports Robust WLAN Security
- Supports WPS function with push button
- Supports WLAN network speed up to 300Mbps

**In-built RADIUS Server**

The DG-WA3000N Wireless Access Point has an internal RADIUS server for authenticating the wireless clients which provides additional level of network security and allows user access control in LAN.

**Supports WDS Bridge Mode (Repeater mode)**

The WDS (Wireless Distributed System) function allows the DG-WA3000N to act as a Access Point and wireless repeater at the same time. This feature is useful when users want to bridge networks between buildings, where it is not possible to deploy any wired connections. This feature is useful typically in sites like airports, hotels and schools.

**Supports QoS - WMM**

The DG-WA3000N wireless Access Point 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 wireless Access Point assigns priority to different types of data for better application performance.

**Supports Multiple Sets of ESSID**

The DG-WA3000N Wireless Access Point supports upto four SSIDS. In addition to the main SSID, three more SSIDS can be configured each SSID can have its own unique profile of QOS & Security.

**Quick & Easy Secure Wireless Setup**

The DG-WA3000N Wireless Access Point supports WPS (Wi-Fi Protected Setup), which simplifies wireless client setup procedures (using push button), so that even a novice user can setup a secured wireless network.

**Robust WLAN Security (WPA, WPA2, RADIUS, MAC filtering)**

The robust security feature available in DG-WA3000N helps 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).

**Web Configuration**

You can manage DG-WA3000N Wireless Access Point through a user friendly web-based GUI (Graphical User Interface) for network configuration and management purposes.

**Technical Specifications**

**Hardware Specifications**

- Flash: 4MB
- RAM: 16MB
- LAN: One 10/100Mbps UTP port
- Antenna: Two detachable dipole 3dBi antenna

**Standards Compliance**

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n
- IEEE 802.1x RADIUS authentication

**WLAN data transfer rates**

- IEEE 802.11b up to 11Mbps
- IEEE 802.11g up to 54Mbps
- IEEE 802.11n up to 300Mbps

**Modulation Type**

- OFDM
- CCK
- DQPSK
- DBPSK

**Output power**

- IEEE 802.11b: 17dBm ± 1.5 dBm
- IEEE 802.11g: 15dBm ± 1.5 dBm
- IEEE 802.11n: 14dBm ± 1.5 dBm

**Status LEDs**

- Power
- WLAN
- LAN

**Regulations approvals**

- FCC part 15 Class B
- CE

**Environmental Specifications**

- Temperature
- Operating temperature: 0°C ~ 40°C
- Operating humidity: 10 % ~ 90 % (non-condensing)

**Power Supply**

- 5V DC, 1A

**Dimensions**

- Net dimensions: (l x w x h) 143 x 108 x 35 mm
- Gross dimensions: (l x w x h) 276 x 210 x 70 mm

**Weights**

- Net weight: 180 g
- Gross weight: 540 g



**Ordering Information:**

**DG-WA3000N: DIGISOL 802.11n 300Mbps Wireless Access Point**

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