

**DIAMOND MULTIMEDIA - SETUP SHEET**

SKU : WR300NSI
 BRAND : GearByDiamond
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SKU	WR300NSI
PRODUCT	DIAMOND WR300NSI 300Mbps 802.11n Wireless Repeater Range Extender Wireless Access Point and Wireless Bridge Device With Receive Signal Strength Indicator LED
PRODUCT CATEGORY	Networking
PRODUCT USAGE	3 in 1 device

Wireless Repeater and Range Extender

- Receives weak wireless signals and extends the signal range to greater distances eliminating wireless dead spots.

Standalone Wireless Access Point

- Create a wireless network by connecting the device to a wired router/cable modem or DSL modem.
- This small compact portable device can create wireless connectivity where ever you go. Use in your hotel room and turn a wired internet connection into a wireless internet connection.

Wireless Bridge Device

- Receives wireless signal from your home wireless network and convert to wired Ethernet connections for non wireless devices such as internet ready HDTV, gaming consoles (PS3) and internet ready blue ray players.

PRODUCT DETAILED DESCRIPTION

- The Diamond Multimedia WR300NSI Portable Wireless-N Repeater supports wireless 802.11b/g/n standards with one 10/100Base-T Ethernet port.
- The WR300NSI is designed with MIMO technology to extend the reach of any existing wireless router/AP to maximize the coverage in your home or office. It basically receives the signal from your wireless router/AP and repeats it to extend the range to farther locations that are previously unreachable.
- Equipped with 64/128-bit WEP, WIFI Protected Access (WPA), and the latest WPA2 encryption with TKIP and AES algorithm to protect your wireless network from unauthorized access.
- MAC Address Filtering for wireless links provides an additional layer of security for your wireless network.
- The device comes with 1 x 10/100M Auto MDI/MDIX Ethernet port that can be used to connect to an existing wired network to serve as a wireless AP or wireless bridge. It can also be used to configure the device via its web-based GUI, or upgrade the firmware when connected to the Network Interface Card of your PC.

PRODUCT FEATURES

The WR300NSI with (RSSI)supports ratified 802.11n technology with the data transfer rate up to 300Mbps.

- Repeats and extends existing wireless signal to areas where the router or access point is not able to reach.
- Shares large files, printing and storage quickly and reliably in wider range in your home or office.
- Eliminates the use of cable wires while providing reliable wireless connection.
- Enables wired network wireless ready through the LAN port
- MIMO technology to reduce "dead spot" and increase network coverage.
- WEP, WPA, and WPA2 to ensure network security from unauthorized access.
- User-friendly web-based GUI and easy hardware setup. Portable, no need of external power adapter.
- Support WPS to both Router and Client devices
- RSSI (Received Signal Strength Indicator) LED

PRODUCT SPECIFICATIONS

- Protocol/Standards/Support: Wireless IEEE802.11n, IEEE802.11b/g Ethernet IEEE 802.3 10/100, IEEE802.3u, IEEE802.3ab
- Network Support: OFDM 1024/256/64/16/8 QAM, QPSK, BPSK and ROBO Modulation Scheme Wireless
- Security Support: Wireless: 64/128-bit WEP, WPA, WPA2
- Operating System: OS Independent with TCP/IP protocol installed
- Max Current: 0.12 A
- Voltage Rating: 100 - 240V AC (50-60 Hz)

SYSTEM REQUIREMENT

EXTERNAL POWER REQUIREMENT	
CPU	
CPU SPEED	
MEMORY	N/A
HARD DISK	10MB
SYSTEM BUS	
SLOT	N/A
CHASSIS	
MONITOR	
INTERNET ACCESS	NO
USB	
CD DVD	YES
POWER SUPPLY	

OPERATING SYSTEM

WINDOWS-7-32 WINDOWS-7-64 WINXP WINXP64 WINVISTA32 WINVISTA64 MCE WIN2000 WIN2003
 LINUX32 LINUX64 MAC OSX

FORM FACTOR

DIMENSIONS	[PRODUCT] : 4.1 (L) x 2.3 (W) x 1.6 (H) inches [RETAIL BOX] : 9.0 x 7.0 x 3.25 inches [S BUILDER] :
WEIGHT	[PRODUCT WEIGHT] : .30 lbs [PRODUCT WITH CONTENT WEIGHT] : 1.0 lbs
UPC	RETAIL PACKAGE UPC : 757448022445

PACKAGE CONTENT

- DIAMOND WR300NSI
- LAN CABLE
- UTILITY DISK

- QUICK START GUIDE
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WARRANTY One Year Limited Warranty

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PRODUCT WEBPAGE <http://www.diamondmm.com/WR300NSI.php>

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PRODUCT NOTES **California Health & Safety Notice :** The solder used in this product contains lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Please wash hands after handling internal components and circuit boards and avoid inhalation of fumes if heating the solder.

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