

## **Wi-Fi Wireless Range Extender – 300 Mbps 802.11 b/g/n Access Point / Repeater / Signal Booster**

*StarTech ID: WFREPEAT300N*



The WFREPEAT300N Wireless-N Extender offers two selectable operating modes that enable it to be used as an Access Point or repeater, for either extending the range of existing wireless networks or adding wireless capabilities to a non-wireless network. Using a wall plug design, this allows for convenient or hidden placement anywhere there is an available AC outlet.

Used as a Wireless-N repeater, the WFREPEAT300M can expand the effective range of any 802.11n WiFi network, delivering up to 300Mbps of data bandwidth, by boosting the WiFi signal to help eliminate dead spots and provide a stronger signal in areas with obstructions which would typically reduce the wireless range. The WiFi range extender is also backward compatible with 802.11b/802.11g networks, for versatile network expansion with wireless routers that use older standards.

When used as a wireless access point (AP), the WFREPEAT300N can add wireless-N capability to any non-wireless router, ensuring maximum convenience and network scalability.

To provide maximum privacy and help prevent network intrusions, the Wireless-N Extender/Repeater offers a built-in firewall with IP, MAC Address and URL filtering, and supports common WiFi security protocols (WEP/WPA/WPA2).

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

### **Applications**

- Extend the range or increase the signal strength of a Wireless-N signal to cover a larger area, with backward compatible support for Wireless-B/G networks
- Eliminate wireless network dead spots or weak signals that result from obstructions such as walls
- Turn an existing wired Ethernet router into a wireless N access point, instead of buying a new router

## Features

- Switchable operating modes, enabling you to choose between WiFi Access Point (AP) and wireless network Repeater functions
- Convenient wall plug design compatible with NA/UK/EU outlets
- Compliant with IEEE 802.11n (Wireless-N), with up to 300 Mbps of data bandwidth
- Backward compatible with IEEE 802.11g, and 802.11b WiFi networks
- Supports WEP, WPA and WPA2 wireless authentication
- Built-in firewall with IP, MAC Address and URL filtering
- Built-in configuration utility (web-based)
- Dual internal 2dBi antennas

## Technical Specifications

Warranty	2 Years
Antenna Configuration	2x2:2 (TxR:S)
Chipset ID	Realtek RTL8196C
Industry Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3u
Interface	Wireless
Ports	1
Connector Type(s)	1 - RJ-45 Female
Connector Type(s)	1 - Wireless N (IEEE 802.11n)
Frequency Range	2.4 ~ 2.485 GHz
Full Duplex Support	Yes
Max Distance	300 m / 950 ft
Modulation	DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM
Security Features	TKIP/AES
Security Features	WEP Data Encryption
Security Features	WPA Data Encryption
Color	White
Enclosure Type	Plastic
Product Height	2 in [50 mm]
Product Length	4.3 in [110 mm]
Product Weight	4.6 oz [130 g]
Product Width	2.4 in [60 mm]
LED Indicators	1 - Ethernet Link/Activity
LED Indicators	1 - Power
LED Indicators	1 - Wireless Link/Activity
Input Voltage	110 ~ 240 AC
Humidity	10% ~ 90% RH
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
System and Cable Requirements	Available AC electrical outlet
Package Quantity	1
Shipping (Package) Weight	7.8 oz [220 g]
Included in Package	1 - Wireless-N Repeater
Included in Package	1 - RJ45 Ethernet Cable
Included in Package	3 - Interchangeable Wall Socket Plug (NA/UK/EU)

Included in Package                      1 - Instruction Manual

Certifications, Reports and Compatibility

