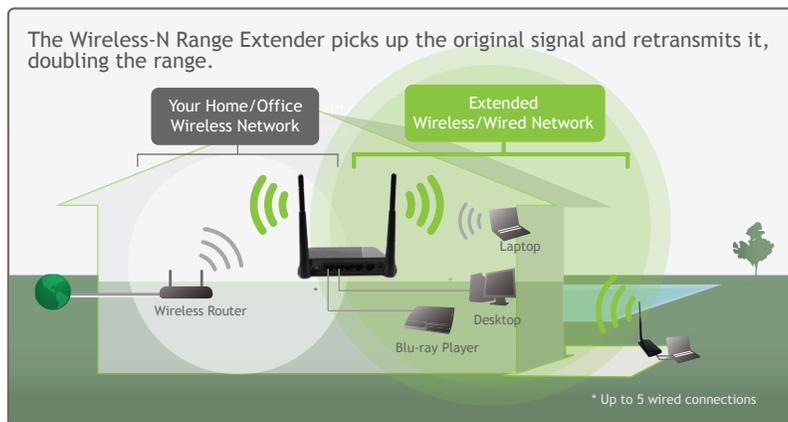# amped|wireless

High Power Wireless-N Range Extender

SR300

The Amped Wireless High Power Wireless-N Range Extender expands the range of your 802.11b/g/n wireless network by repeating the signal from your home or office wireless router and redistributing it in a new "extended" location. Computers, game consoles, networked Blu-ray players, televisions and other networked devices can then connect to the Range Extender using Wi-Fi or a wired connection (up to 5 ports available) to access the extended network. The Range Extender eliminates wireless dead zones, extends wireless and wired network coverage, and is compatible with most brands and models of 2.4GHz 802.11b/g/n wireless routers.

UP TO **5,000** SQ* FT

MORE POWER = MORE RANGE

How it Works:

The Wireless-N Range Extender picks up the original signal and retransmits it, doubling the range.

Your Home/Office Wireless Network

Extended Wireless/Wired Network

Laptop

Wireless Router

Desktop

Blu-ray Player

* Up to 5 wired connections

Advanced Amped Technology:

Range:

The Range Extender uses advanced Wi-Fi amplifiers to boost wireless reception and performance. The boosted performance is then optimally tuned and paired with two High Gain Wi-Fi antennas for maximum range. (Typical wireless devices do not utilize wireless amplifiers and are equipped with no gain 0dBi internal Wi-Fi antennas).

High Gain Antennas

Low Noise Amplifer Inside

Speed:

IEEE 802.11n Wireless-N Technology provides 300Mbps of wireless data transfer speed.

Smart Security Features

Wireless Access Scheduling
Control when your Wi-Fi is on/off

Wireless Coverage Control
Adjust the distance of your wireless network

User Access Control
Restrict network access to specific users

URL Filtering
Restrict access to certain websites

Quality of Service
Prioritize video or online gaming data

Supports Advanced Wi-Fi Security
Wi-Fi Protected Setup, WPA, WPA2

Works with AirPlay® & AirPrint™
Works great with Apple® networking features

Easy to Install

The Setup Wizard makes setup simple

1. Connect your computer to the Range Extender

2. Access the wizard at www.setup.ampedwireless.com and scan for an available wireless network to repeat

3. Select the network to repeat

Product Feature Set & Performance Comparison:

	N300 Range Extender SR300	N300 600mW Compact Range Extender REC10	N300 600mW Range Extender SR10000	N600 Dual Band 600mW Range Extender SR20000G	AC1200 Dual Band 700mW Range Extender REA20
SPEED PERFORMANCE					
300Mbps Wireless-N Speeds	●	●	●		
300+300Mbps Dual Band N600 Speeds				●	
AC1200 Dual Band N+AC Speeds					●
OUTPUT POWER/COVERAGE					
Number of Amplifiers	2	4	4	8	10
Up to 100mW / 5,000 sq ft	●				
Up to 600mW / 6,500 sq ft		●			
Up to 600mW / 10,000 sq ft			●	●	
Up to 700mW / 10,000 sq ft					●
Dual Band Amplifiers				●	●
ANTENNAS					
External - High Gain	●	●	●	●	●
Detachable Antennas	2	1	2	2	3
Dual Band				●	●
KEY FEATURES					
Discreet Plug-In Design		●			
Universal: Works with all Routers	●	●	●	●	●
Adjustable Coverage	●	●	●	●	●
Wired Ports	5	1	5	5	5
Gigabit & Power Processor				●	●
Simultaneous Dual Band Less Interference				●	●
USB Storage Support				●	●
Ultra-fast Data Transfers & Gigabit Wi-Fi					●

Product Specifications:

Wireless Standard: 802.11n, 802.11b/g
Frequency Band: 2.4 GHz
Wireless Speed: 300Mbps (Rx), 300Mbps (Tx)
Amplifier: Low Noise Amplifier
Wireless Security: WEP, WPA, WPA2, WPA Mixed, WPS
Firewall:
  • Port, IP, MAC Filtering
  • Port Forwarding
  • URL Filtering
  • DMZ, VLAN
Wireless Access Scheduling: Specific day and time
Wireless Coverage Control: 15%-100% Output Power
Quality of Service: Uplink and Downlink
Operational Mode: Bridged Network Support
Antennas:
  • 2 x Detachable High Gain Antennas
  • 2 x Reverse SMA Connectors
Ports:
  • 5 x RJ-45 10/100 LAN ports
Mounting:
  • Wall, Stand or Desktop
Warranty: 1 Year
Setup Requirements: Wired or wireless PC/Mac and an available 802.11b/g/n wireless network
Package Contents:
  • 1 x High Power Wireless-N Range Extender
  • 2 x Detachable High Gain Antenna
  • 1 x Quick Installation Guide
  • 1 x CD: Manual, Video and other materials
  • 1 x Product Stand