



Accelerated NetReach Wi-Fi Extender



Product Overview

The Accelerated NetReach is an 802-11 b/g/n Wi-Fi Access Point designed to work with the AT&T VPN Gateway™ and the AT&T Service Manager. Over 30 NetReach configuration settings can be maintained and distributed, allowing for central management of remote locations. The NetReach has a powerful 400mW variable transmitter that provides indoor coverage of 100 to 300 feet. Both public and private wireless LANs are supported by the NetReach with a choice of authentication alternatives. Business / private traffic is separated from public traffic using its VLAN and Stateful Firewall functionality. Class of Service functionality can be used to prevent public traffic from impacting business traffic.

Product Description

The Accelerated NetReach (Model AC-NR-102) is a powerful Wi-Fi access point capable of supporting two VLANs. Each VLAN can operate as either a public or private Wi-Fi network.

Coverage: The Netreach has a 400mW variable transmitter with an indoor range of 100 to 300 ft. In addition, up to four NetReach Extenders can be networked to expand coverage and redundant NetReach Extenders can be configured to auto failover for mission critical applications.

Installation Options: The NetReach can be powered with its 12V power adaptor or via the included Power over Ethernet (PoE) injector cable. Up to four NetReaches can be interconnected without wiring using Wireless Distribution System (WDS).


Authentication: Three authentication options are supported:

- Open Access: No agreement page or end-user authentication; allowing free access to the public Internet.
- Agreement Page: Users are redirected to a “splash page” and required to agree to an Acceptable Use Policy (AUP).
- End-User Authentication: Users are redirected to a “splash page” and required to agree to an AUP and provide RADIUS credentials.

Encryption / Security: The NetReach supports WEP, WPA, WPA2, and WPA/WPA2 Mixed Mode Enterprise encryption standards. Additional security is provided through MAC Rogue Detection, Custom Max Session and Idle Timeouts settings.

Class of Service: Traffic types can be prioritized using Class of Service. For example, corporate / private traffic can be prioritized over public traffic.

NetReach AC-NR-102 Specifications

Ethernet	1 Ethernet port 10/100 BASE-T (RJ-45)
Wireless	802.11 b/g/n 
Wireless Transmit Power	400mW variable
Range / Coverage	Indoor 100 to ~ 300 feet (35 to ~100 meters)
Security	64 or 128 bit WEP, WPA, WPA2 TKIP / AES encryption
Enterprise Authentication	WPA or WPA2 with RADIUS
Power Over Ethernet	Passive Power over Ethernet (PoE) injector cable included
Power supply	12V DC, 1A; 100-240 AC
LEDs	Power, LAN, WAN and WLAN
Dimensions	3.66 x 2.75 x 1 inches (93 x 70 x 26mm)
Weight	2.6 ounces (74g)

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