

AR-5321

Wireless ADSL2+ Router



Description

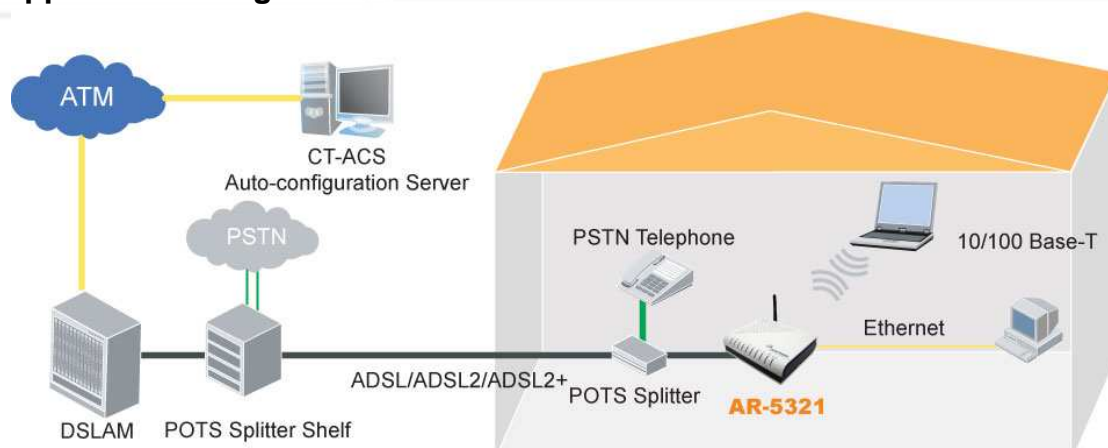
The AR-5321 is an 802.11g (54Mbps) Wireless and Wired ADSL2+ router. One 10/100 Base-T Ethernet port and a Wi-Fi Protected Setup (WPS) function and an integrated 802.11g WiFi WLAN Access Point (AP) provide with wired LAN connectivity and wireless connectivity separately.

The AR-5321 ADSL2+ router also provides for state of the art security features such as WPA data encryption, Firewall and VPN pass through. The AR-5321 is designed for both residential and business applications that require wireless and wired connectivity to an ADSL broadband network. The AR-5321 supports up to 8 contiguous virtual connections allowing for multiple simultaneous Internet connections. The AR-5321 is also designed with color panel which eases the installation of the modem and makes it more user-friendly.

Features

- UPnP
- Integrated 802.11g AP (Backward compatible with 802.11b)
- WPA/WPA2 and 802.1x
- WMM
- RADIUS client
- MAC address filtering
- IP filtering
- Static route/RIP/RIP v2 routing functions
- Dynamic IP assignment
- IP QoS
- NAT/PAT
- Wi-Fi Protected Setup (WPS)
- IGMP Proxy
- DHCP Server/Relay/Client
- DNS Proxy
- Auto PVC configuration
- Per-VC packet level QoS
- Up to 8 VCs
- Embedded SNMP agent
- Web-based management
- Supports remote administration, automatic firmware upgrade and configuration
- Configuration backup and restoration
- FTP/TFTP server
- Supports TR-069/TR-098/TR-111 for remote management

Applications Diagram



AR-5321

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Specifications

Hardware Interface

RJ-11 X1 for ADSL, RJ-45 X 1 for LAN, WPS X 1, Reset button X 1, Power switch X 1, Wi-Fi Antenna X 1

WAN Interface

ADSL standard	ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2
G.992.5 (ADSL2+)	Downstream : 24 Mbps Upstream : 1.3 Mbps
G.992.3 (ADSL2)	Downstream : 12 Mbps Upstream : 1.3 Mbps
G.DMT	Downstream : 8 Mbps Upstream : 832 Kbps
AnnexM	

LAN Interface

Standard	IEEE 802.3, IEEE 802.3u
10/100 BaseT	Auto-sense
MDI/MDX support	Yes

WLAN Interface

Standard	IEEE802.11g, backward compatible with 802.11b
Encryption	64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
Channels	11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan)
Data Rate	Up to 54Mbps
WPA/WPA2	Yes
IEEE 802.1x	Yes
WMM	Yes

ATM Attributes

RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route; RFC 2516 (PPPoE); RFC 1577 (IPoA), Annex M	
Support PVCs	8
AAL type	AAL5
ATM service class	UBR/CBR/VBR
ATM UNI support	UNI3.1/4.0
OAM F4/F5	Yes

Management

SNMP, Telnet, Web-based management, Configuration backup and restoration
Software upgrade via HTTP, TFTP server, or FTP server
Supports TR-069/TR-098/TR-111 for Remote Management

Bridge Functions

Transparent bridging and learning	IEEE 802.1d
VLAN support	Yes
Spanning Tree Algorithm	Yes
IGMP Proxy	Yes

Routing Functions

Static route, RIP, and RIPv2, NAT/PAT, DHCP Server/DHCP Relay/DHCP Client, DNS Proxy, ARP

Security Functions

Authentication protocols	PAP, CHAP, TCP/IP/Port filtering rules, Port triggering/Forwarding, Packet and MAC address filtering, Access control, SSH
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QoS

L3 policy-based QoS, IP QoS, ToS

Application Passthrough

PPTP, L2TP, IPSec, VoIP, Yahoo messenger, ICQ, RealPlayer, NetMeeting, MSN, X-box, etc

Power Supply

External power adapter	100 - 240 Vac
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Environment Condition

Operating temperature	0 ~ 50 degrees Celsius
Relative humidity	5 ~ 95% (non-condensing)

Kit Weight (1* AR-5321, 1*RJ11 cable, 1*RJ45 cable, 1*power adapter, 1*CD-ROM)

1 KG

Note: Specifications are subject to change without notice.

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