

AR-5319**TELCO
GRADE****ADSL2+ WIRELESS N GATEWAY**

400mW High Power | Wireless N | TR-069 | 4 Ethernet Ports

PRODUCT OVERVIEW

The AR-5319 is a high power 802.11n, 4-port Ethernet ADSL2+ Router with full routing capabilities to segment and route IP traffic. It features TR-069/098/111 and TR-068 compliance for hassle-free setup and configuration. It is best suited for residential or small office environments that need high-speed Internet access.

**KEY BENEFITS****High-Speed Wireless**

N300 speeds are perfect for gaming, web browsing, and video streaming

Safe and Secure Connections

SPI Firewall with DoS protection prevents unwanted users from accessing your network

High-Power Wireless

Offers superior coverage with 400mW high-power wireless

TR-069 Remote Management

Improved customer relations and simplified management

DS_AR-5319_V1.0.1

AR-5319 400mW High Power | Wireless N | TR-069 | 4 Ethernet Ports



ADSL2+ WAN Port Fast Ethernet Ports USB Host

SPECIFICATIONS

Hardware

- RJ-11 X 1 for ADSL2/2+
- RJ-45 X 4 for LAN, (10/100 BaseT auto-sense)
- Buttons: WPS, Wi-Fi On/Off, Power, Reset (1x Each)
- USB host X 1

WAN/ LAN

- Comply with ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2, Annexes A, L (Reach Extended ADSL2) and M (Enhanced Upstream Speed)
- 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: 8Mbps; Upstream: 832Kbps
- IEEE 802.3, IEEE 802.3u; Support MDI/MDX

Wireless

- IEEE802.11b/g/n
- High power amplifier, up to 400mW
- 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
- 11 Channels (US, Canada)
- Up to 300Mbps data rate
- Multiple BSSID
- MAC address filtering, WDS, WEP, WPA, WPA2, IEEE 802.1x
- 10,25,50,100mW@22MHz channel bandwidth output power level can be selected according to the environment
- WMM, WMM APSD

ATM Attributes

- RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Router
- RFC 2516 (PPPoE); RFC 1577 (IPoA)
- Support up to 16 PVCs; AAL5; UBR/CBR/VBR-rt//VBR-nrt
- UNI 3.1/4.0; OAM F4/F5

PTM Attributes

- Supports 8 flows, preemption and dual latency, PTM shaping

Management

- TR-069/TR-098/TR-104/TR-111, SNMP, Telnet, Web-based management, Configuration backup and restoration
- Fine Point's TR-069 enhanced functionality is available on this model with specified software
- Software upgrade via HTTP, TFTP server, or FTP server

Security Functions

- PAP, CHAP, Packet and MAC address filtering, SSH
- Three level login including local admin, local user and remote technical support access

Power Supply

- 100 Vac -240 Vac, 12Vdc/1.0A

Networking Protocols

- RFC2684 VC-MUX, LLC/SNAP encapsulations for bridged or routed packet; RFC2364 PPP over AAL5; IPoA, PPPoA, PPPoE, Multiple PPPoE sessions on single PVC, PPPoE pass-through, PPPoE filtering of on-PPPoE packets between WAN and LAN
- Transparent bridging between all LAN and WAN interfaces
- 802.1p/802.1q VLAN support; Spanning Tree Algorithm
- IGMP Proxy V1/V2/V3, IGMP Snooping V1/V2/V3, Fast leave
- Static route, RIP v1/v2, ARP, RARP, SNTP
- DHCP Server/Client/Relay, DNS Relay, Dynamic DNS, IPv6 subset

QoS

- Packet level QoS classification rules, priority queuing using ATM TX queues, IP TOS/Precedence, 802.1p marking, DiffServ DSCP marking, Src/dest MAC addresses classification

Diagnostics

- ATM F4/F5 OAM, 802.1ag, 802.3ah
Ping, TraceRoute

Firewall/Filtering

- Stateful Inspection Firewall; Stateless Packet Filter; Parental Control; URI/URL filtering; Denial of Service (DOS): ARP attacks, Ping attacks, Ping of Death, LAND, SYNC, Smurf, Unreachable, Teardrop; TCP/IP/Port/interface filtering rules support both incoming and outgoing filtering

NAT/NAPT

- Support Port Triggering and Port forwarding
- Symmetric, port-overloading NAT, Full-Cone NAT
- Dynamic NAPT (NAPT N-to-1)
- Support DMZ host
- Virtual Server
- VPN Passthrough (PPTP, L2TP, IPSec)

Application Layer Gateway (ALG)

- SIP, H.323, Yahoo messenger, ICQ, RealPlayer, Net2Phone, NetMeeting, MSN, X-box, Microsoft DirectX games, etc.

Kit Components

- AR-5319
- RJ-11 cable
- RJ-45 cable
- Power adapter
- CD-ROM

Environment Condition

- Operating Temperature: 32~104°F (0~40°C)
- Relative Humidity: 5~95% (non-condensing)

Note: Specification are subject to change without notice