

AR-5230**WIRED****ADSL2+ ROUTER**

4 Ethernet Ports | TR-069 | USB

PRODUCT OVERVIEW

The AR-5230 is a high performance 4-port Ethernet ADSL2+ Router that is ideal for Service Providers that do not want to integrate WiFi.

- Well suited for residential or small office environments that need high speed Internet access
- Robust capabilities to segment and route IP protocol
- TR-069 compliance for hassle-free setup and configuration
- Enjoy high-bandwidth applications such as online gaming, video streaming, and real-time audio

**KEY BENEFITS****Fast Wired Connections**

Features the latest ADSL2/2+ technology with speeds up to 24Mbps, while Ethernet ports support LAN traffic at 100Mbps.

Safe and Secure Connections

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

Quality of Service

Classifies, controls, and prioritizes diverse traffic types, for pristine video, toll-quality voice, and error-free data transmissions.

TR-069 Remote Management

Improves customer relations and simplify management.

DS_AR-5230_V1

AR-5230

SPECIFICATIONS



Hardware

- RJ-11 X 1 for ADSL2/2+
- RJ-45 X 4 for LAN (10/100 Base-T auto-sense)
- Reset button X 1
- Power switch X 1
- USB 2.0 Host X 1

WAN

- Comply with ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2
- Annex M Enhanced Upstream Speed
- G.992.5 (ADSL2+) Downstream: 24Mbps
- G.992.5 (ADSL2+) Upstream: 1.3Mbps
- G.992.3 (ADSL2+) Downstream: 12Mbps
- G.992.3 (ADSL2+) Upstream: 1.3Mbps
- G.DMT Downstream: 8Mbps
- G.DMT Upstream: 832Kbps

LAN

- IEEE 802.3, IEEE 802.3u
- Supports MDI/MDIX
- Multiple subnets on LAN

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
- Supports preemption and dual latency
- Supports PTM shaping

Diagnostics

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

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

Application Layer Gateway (ALG)

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

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
- Src/dest MAC addresses classification

Firewall/Filtering

- Stateful Packet 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
- Port Scan Detection and Protection
- TCP/IP/Port/interface filtering rules support both incoming and outgoing filtering

NAT/PAT

- Support Port Triggering and Port Forwarding
- Symmetric port-overloading NAT, Full-Cone NAT
- Dynamic NAT (NAPT N-to1)
- Support DMZ host
- Virtual Server
- VPN Pass Through (PPTP, L2TP, IPsec)

Environmental Conditions

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

Dimensions

- 6.22in(W) X 1.57in(H) X 5.35in(D)
- 158mm(W) X 40mm(H) X 136mm(D)

Note: Specifications subject to change without notice.

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