ADSL2+

4 Ethernet Ports | Wireless N | USB Host

AR-5381u
Wireless N Router

COMTREND
Leading the Communication Trend

The AR-5381u is a high performance 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.

FEATURES

Connect with ADSL2+ OR Ethernet in FTTx

The AR-5381u is an 802.11n (300Mbps) Wireless ADSL2+ router. It has four 10/100 Base-T Ethernet ports, a Wi-Fi Protected Setup (WPS) button and a Wi-Fi switch button, one USB Host port, which can support a 3G USB dongle, and is backward compatible with existing 802.11b (11Mbps) and 11g (54bps) equipment.

The AR-5381u supports up to 16 contiguous virtual connections allowing for multiple simultaneous Internet connections. The AR-5381u is also designed with TR-068 compliant color panel, which eases the installation of the modem and makes it more user-friendly.

Remote Management

The AR-5381 complies with TR-069/TR-098/ and TR-111 standards to ensure interoperability with standards-based Software and Hardware.

Safe & Secure Connections

As the first level of protection, a Stateful Firewall (with DoS protection) and NAT/PAT help to isolate the LAN from external threats. IP and MAC address filtering provide fine-grained access control to or from the network. Advanced security technologies, such as Virtual Private Networks (VPN) with PPTP pass-through, L2TP pass-through and IPSec pass-through ensure secure networking, and WPA/WPA2/802.1x/WEP guarantee rock-solid security for wireless connections.

Quality of Service

Classify, control, and prioritize diverse traffic types, for pristine video, toll-quality voice, and error-free data transmissions.

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SPECIFICATIONS

Hardware

. RJ-11 X1 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, AnnexM
. 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
. 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

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

. Dual Latency

Management

. TR-069/TR-098/TR-104/TR-111, SNMP, Telnet, Web-based
  management, Configuration backup and restoration
. Software upgrade via HTTP, TFTP server, or FTP server

Security Functions

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

Power Supply

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

COMTREND CORPORATION

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.

Firewall/Filtering

Stateful Inspection Firewall; Stateless Packet Filter; Day-time
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.

Environment Condition

· Operating temperature: 0 ~ 40 degrees Celsius
· Relative humidity: 5 ~ 95% (non-condensing)

Dimensions

158mm(W) X 40mm(H) X 136mm(D)

Kit Weight

1*AR-5381u, 1*RJ11 cable, 1*RJ45 cable, 1*power adapter,
1*CD-ROM = 0.9 kg

Note: Specifications are subject to change without notice