



CT-536+ Wireless ADSL2+ Router

Features

- Supports ADSL2+ and Annexes L & M
- Backward compatible with legacy ADSL
- TR-037 DSL Auto-config
- TR-069 WAN Management
- Port-based VLANs for IPTV
- Integrated 802.11g Access Point
- Wi-Fi Certified
- WPA, WPA2 with 802.1x authentication
- WEP, TKIP, and AES encryption
- WMM (Wi-Fi Multimedia)
- UPnP IGD (Internet Gateway Device)
- RADIUS client
- IP /MAC address filtering
- SPI Firewall with DMZ & DoS protection
- URL Filtering
- Web, Telnet, SSH management
- Per-VC packet-level IP QoS
- Static routes/RIP/RIPv2 routing functions
- NAT/PAT
- IGMP Proxy
- DHCP Server/Relay/Client
- DNS Proxy, Dynamic DNS
- PPP Half-Bridge mode
- Up to 8 PVCs
- Embedded SNMP agent
- Remote configuration & software upgrade
- Configuration backup and restoration
- FTP server for easier upgrades
- NTP for obtaining current time
- Syslog
- Advanced Diagnostics & Statistics

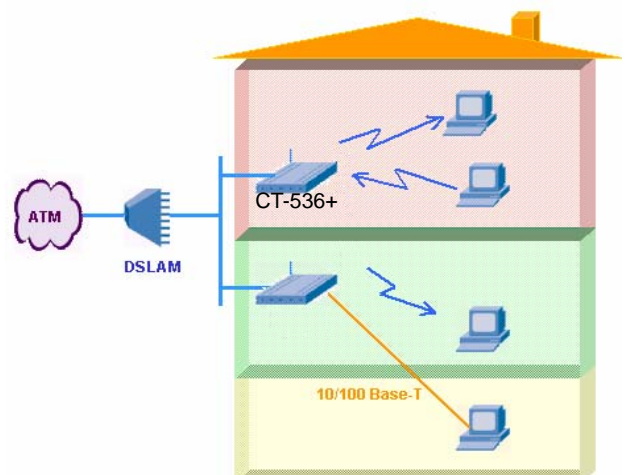


Description

The CT-536+ is an ADSL2+ router with integrated 802.11g Access Point, four 10/100 switched Ethernet ports and a single USB port. The CT-536+ supports the latest ADSL2+ features, including Seamless Rate Adaptation (SRA), ADSL2 Annex L (Reach Extended mode), which provides increased performance on long lines under various crosstalk conditions and Annex M (All-Digital mode), providing for higher upload speeds by doubling the upstream data rate.

The CT-536+ ADSL2+ router provides state of the art security features such as WPA™ & WPA2™ with TKIP and/or AES data encryption, 802.1x authentication, SPI Firewall, SSH management and VPN passthrough. The CT-536+ delivers Quality of Service via ATM and IP QoS as well as WMM™ (Wi-Fi Multimedia) and can isolate traffic via port-based VLANs, making it an ideal choice for a Quadruple-Play (Voice/Video/Wireless/Data) Residential Gateway.

Applications Diagram



CT-536+ Wireless ADSL2+ Router

Specifications

Rear Panel

RJ-11 x1 for ADSL, RJ-45 x 4 & USB x 1 for LAN, Reset Button, Power switch,

ADSL

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

Ethernet

Standards	IEEE 802.3, IEEE 802.3u
10/100 BaseT	Auto-sensing
MDI/MDI-X support	Yes

Wireless

Standards	IEEE 802.11g, WPA™, WPA2™ & WMM™
Encryption	WEP, TKIP, & AES
Channels	11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan)
Data Rate	Up to 54Mbps
Xpress™ Mode (Frame Bursting)	Yes
IEEE 802.1x Authentication	Yes

ATM Attributes

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

Management

SNMP, Telnet, SSH, Web-based management, Configuration backup and restoration
Software upgrade via HTTP, TFTP server, or FTP

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, DNS Proxy, ARP

Security Functions

PPP Authentication protocols PAP/CHAP/MS-CHAP
TCP/IP/Port filtering rules, Port triggering/Forwarding, Packet and MAC address filtering, access control, SSH

Application Passthrough

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

USB driver Support

Windows 2000/XP/ME/98SE

Power Supply

External power adapter 110/220 VAC

Environmental Conditions

Operating temperature 0 ~ 50° C

Relative humidity 5 ~ 90% (non-condensing)

Dimensions

200 mm (W) x 44 mm (H) x 136.5 mm (D)

Certifications

FCC Part 15 class B, FCC Part 68, CE

Note: Specifications are subject to change without notice



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