



## 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

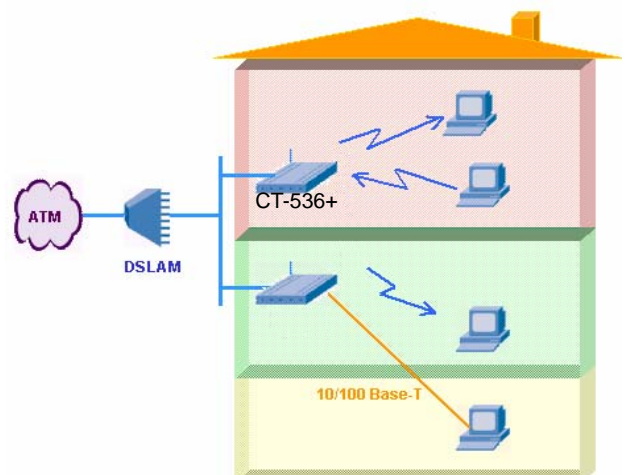


### Description

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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