

CT-5071 / CT-5071E

ADSL2+ Ethernet Router



Description

The CT-5071 / CT5071E series ADSL2+ compact and high performance Ethernet router provides one 10/100 Ethernet Interface and one ADSL line interface to access the Internet, incorporating LAN or Video on demand over one ordinary telephone line, at speeds of up to 24 Mbps. It also has full routing capabilities to segment/route IP protocol, and supports advanced security functions.

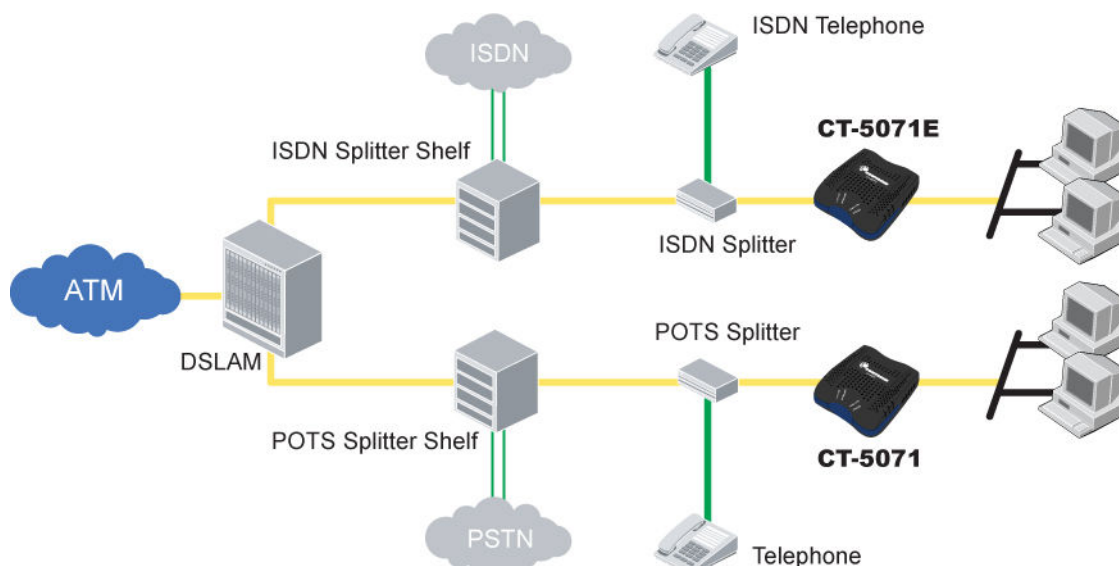
The CT-5071 is for ADSL over POTS (Annex A) while the CT-5071E is optional for ADSL over ISDN (Annex B).

The CT-5071 series can operate in router or bridge mode. In addition, the CT-5071 series protects all of your networked computers with advanced security technologies, such as virtual private networks (VPNs) with PPTP passthrough, L2TP passthrough, IPSec passthrough, and firewall.

Features

- CT-5071 (Annex A) & CT-5071E (Annex B) optional
- UPnP
- IP filtering
- SPI (Stateful Packet Inspection)
- DoS protection
- Static route/RIP/RIP v2 routing functions
- Dynamic IP assignment
- NAT/PAT
- IGMP Proxy
- DHCP Server/Relay/Client
- DNS Proxy
- Auto PVC configuration
- Up to 4 VCs
- Web-based management
- Remote configuration and upgrade
- Configuration backup and restoration
- FTP/TFTP server

Applications Diagram



CT-5071 / CT-5071E

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Specifications

Hardware Interface

RJ-11 X1 for ADSL, RJ-45 X 1 for LAN, Reset Button X 1, Power switch X 1

WAN Interface

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

LAN Interface

Standard	IEEE 802.3, IEEE 802.3u
10/100 BaseT	Auto-sense
MDI/MDX support	Yes

ATM Attributes

RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route; RFC 2516 (PPPoE); RFC 1577 (IPoA)	
Support PVCs	4
AAL type	AAL5
ATM service class	UBR/CBR/VBR
ATM UNI support	UNI3.1/4.0
OAM F4/F5	Yes

Management

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

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

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

Application Passthrough

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

Power Supply

External power adapter 110 Vac or 220 Vac

Environment Condition

Operating temperature	0 ~ 50 degrees Celsius
Relative humidity	5 ~ 90% (non-condensing)

Dimensions

92 mm (W) x 34 mm (H) x 114 mm (D)

Certifications

FCC Part 15 class B, FCC Part 68, CE

Note: Specifications are subject to change without notice.

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