

# CT-5072S

## ADSL2+ Ethernet Router



### Description

CT-5072S with TR-069 compliant are a series of high performance ADSL2+ Ethernet Routers, providing one 10/100 Ethernet, and one ADSL line to access the Internet.

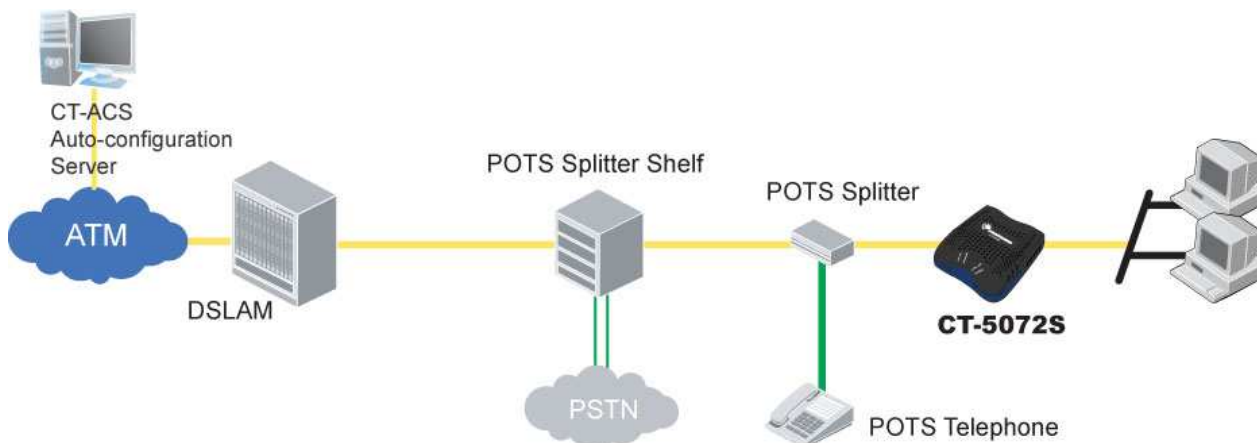
Comtrend's CT-5072S series also provide with TR-068 compliant panel and LED indicators making them more user-friendly. It incorporates LAN or Video on Demand over one ordinary telephone line at speeds of up to 24 Mbps. It has full routing capabilities to segment / route IP protocol and is able to support advanced security functions.

The CT-5072S series can operate in either routing or bridging mode and also facilitate remote network management from home. In addition, it can protect all the networked computers with advanced security technologies, such as VPNs (Virtual Private Networks) with PPTP pass-through, L2TP pass-through, IPSec pass-through and firewall.

### Features

- CT-5072S (Annex A)
- 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 8 VCs
- Web-based management
- Supports remote administration, automatic firmware upgrade and configuration
- Configuration backup and restoration
- FTP/TFTP server
- Embedded SNMP agent
- IP/MAC address filtering
- Supports TR-069/TR-098/TR-111 for remote management
- TR-068 compliant

### Applications Diagram



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### Specifications

#### Hardware Interface

RJ-11 X 1 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
Annex M	

#### 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); Annex M
Support PVCs	8
AAL type	AAL5
ATM service class	UBR/CBR/VBR
ATM UNI support	UNI3.1/4.0
OAM F4/F5	Yes

#### Management

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

#### 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/DHCP Client, DNS Proxy, ARP

#### Security Functions

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

L3 policy-based QoS, IP QoS, ToS

#### Application Passthrough

PPTP, L2TP, IPSec, VoIP, Yahoo messenger, ICQ, Real Player, NetMeeting, MSN, X-box, etc.

#### Power Supply

External power adapter	100 - 220 Vac
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#### Environment Condition

Operating temperature	0 ~ 50 degrees Celsius
Relative humidity	5 ~ 95% (non-condensing)

#### Dimensions

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

#### Kit weight (1\* CT-5072S, 1\*RJ11 cable, 1\*RJ45 cable, 1\*power adapter, 1\*CD-ROM)

0.65 KG

Note: Specifications are subject to change without notice.

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