

# CT-5624/CT-5624S

## 4 Port ADSL2+ Router



### Description

The CT-5624/CT-5624S series ADSL2+ compact and high performance Ethernet router provides four 10/100 Ethernet Interfaces, 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-5624/CT-5624S is for ADSL over POTS.

The CT-5624/CT-5624S series can operate in router or bridge mode. In addition, the CT-5624/CT-5624S 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

- 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/Client
- DNS Proxy
- Auto PVC configuration
- Up to 8 VCs
- Web-based management
- Remote configuration and upgrade
- Configuration backup and restoration
- FTP/TFTP server
- Support TR-069/TR-098/TR-111 for remote management (CT-5624S)

### Applications Diagram



# CT-5624/CT-5624S

## 4 Port ADSL2+ Router

### Specifications

#### Rear Panel

RJ-11 X1 for ADSL, RJ-45 X 4 for LAN, Reset Button X 1

#### 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

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	8
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  
Support TR-069/TR-098/TR-111 for remote management (CT-5624S)

#### 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, 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 230 Vac

#### Environment Condition

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

#### Dimensions

140 mm (W) x 40 mm (H) x 133 mm (D)

Note: Specifications are subject to change without notice.

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