

CT-5372/CT-5372E

Multi-DSL WLAN Router



Description

The CT-5372/CT-5372E is a leading Multi-DSL router that can support both ADSL2+ and VDSL2. The CT-5372 is for ADSL2+/VDSL2 over POTS (Annex A) while the CT-5372E is for ADSL2+/VDSL2 over ISDN (Annex B).

VDSL2 is a brand new standard and technology that is perfectly suitable for triple play (Video, Voice and Data) applications. Four 10/100 Base-T Ethernet ports and optional USB host/device are integrated to provide wired LAN connectivity with an integrated 802.11g WiFi WLAN Access Point (AP) for wireless connectivity.

The CT-5372/CT-5372E is a cost effective solution, designed to meet the needs of ISPs and carriers that intend to use one DSL device to cover end users in different loop range areas. Using only one DSL device creates savings for the TCO of ISP and carrier, while simultaneously providing valuable services without the need for upgrade.

Features

- CT-5372 – Annex A
- CT-5372E – Annex B
- Supports both ADSL2+ and VDSL2
- Automatically switches to ADSL2+ /VDSL2 according to the port setting of DSLAM
- UPnP
- Integrated 802.11g AP(backward compatible with 802.11b)
- WPA and 802.1x
- RADIUS client
- IP/MAC address filtering
- Static route/RIP/RIP v2 routing functions
- Dynamic IP assignment
- IP QoS
- NAT/PAT
- IGMP Proxy and fast leave
- DHCP Server/Relay/Client
- DNS Proxy
- Auto PVC configuration
- Per-VC packet level QoS
- Up to 16 VCs
- Embedded SNMP agent
- Web-based management
- Supports remote administration, automatic firmware upgrade and configuration
- Supports TR-069/TR-098/TR-104/TR-111
- Configuration backup and restoration
- FTP/TFTP server

Applications Diagram



CT-5372/CT-5372E

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Specifications

Hardware Interface

RJ-11 X1 for ADSL2+/VDSL2, RJ-45 X 4 for LAN, Reset Button X 1, Power switch X 1, USB host/device

WAN Interface

ADSL standard ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2, AnnexM
ADSL2+ Downstream : 24 Mbps Upstream : 1.3 Mbps
VDSL2 standard ITU-T G.993.2 (supporting profile 8a, 8b, 8c, 8d, 12a, 12b, 17a)
VDSL2 Downstream : 100 Mbps Upstream : 60 Mbps

LAN Interface

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

WLAN Interface

Standard IEEE802.11g, backward compatible with 802.11b
Encryption 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
Channels 11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan)
Data Rate Up to 54Mbps
MAC address filtering, WEP, WPA, IEEE 802.1x
10, 25, 50, 100mW @ 22MHz channel bandwidth output power level can be selected according to the environment

ATM Attributes

RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route; RFC 2516 (PPPoE); RFC 1577 (IPoA)
Support PVCs 16
AAL type AAL5
ATM service class UBR/CBR/VBR
ATM UNI support UNI 3.1/4.0
OAM F4/F5 Yes

Management

TR-069/TR-098/TR-104/TR-111, SNMP, 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, SSH

QoS

L3 policy-based QoS, IP QoS, ToS

Application Passthrough

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

Power Supply

External power adapter 100-240Vac, 15VDC /1.6A

Environment Condition

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

Dimensions

205 mm (W) x 48 mm (H) x 145 mm (D)

Kit Weight (1*CT-5372/E, 1* RJ-11 cable, 1* RJ-45 cable, 1* USB cable, 1* Power Adapter, 1* CD-ROM)

1 KG

Note: Specifications are subject to change without notice.

Taiwan:

3F-1, No.10, Lane 609, Chung Hsin Road Section 5, San
Chung, Taipei, Taiwan 24159
Tel: 886-2-2999-8261
Fax: 886-2-2999-8497

China:

NO.88 East QianJin Road, Kunshan City, JiangSu, China
Tel: 86-512-57383156, 86-512-57383157,
86-512-57384515
Fax: 86-512-57383155

Spain:

Edif. América II C/Prócion, 7 portal 3 bajo H 28023 Madrid,
Spain
Tel: 34-917990403
Fax: 34-913510999

UK:

566 Chiswick High Road Building 3, Chiswick Park Chiswick -
London, W4 5YA UK
Tel: 44-0-8453701031
Fax: 44-0-8453701032

France:

8, Rue Edouard Naud
92130 Issy-Les-Moulineaux, France
Tel: 33-1-78463600
Fax: 33-1-78463601

Czech Republic:

TOKOVO Jankovcova 1518/2, 170 00, Prague 7, Czech
Republic
Tel: 420-266-782040
Fax: 420-266-782990

USA & Canada:

16 Goodyear, Suite 120, Irvine, CA 92618
Tel: 1-949-7539640
Fax: 1-949-7539020

Brazil:

Al. Campinas, 977 - 7º. Floor - Room 71 / 72 - Jardins
Zip Code: 01404-001 - São Paulo - SP - Brazil
Tel: 00 55 11 3052-2295
Fax: 00 55 11 3052-2295

Mexico

Mariano Escobedo 396 Office 503 Colonia Anzures, Deleg.
Miguel
Hidalgo 11590 Distrito Federal México
Tel: +52 (55) 4623-1516



COMTREND CORPORATION

Global contact: sales@comtrend.com

Website: www.comtrend.com



DS_CT5372/CT5372E_R1.1_110607