CT-5372/CT-5372E
Multi-DSL WLAN Router

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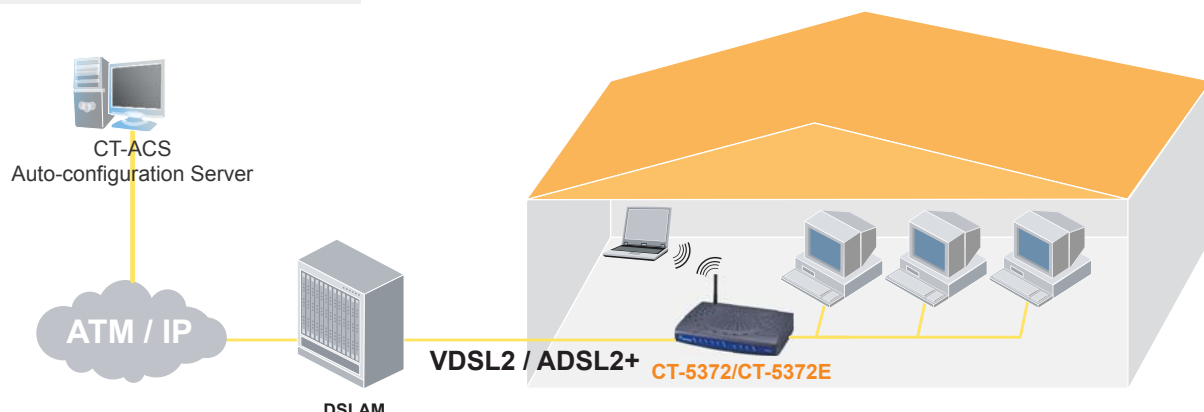
VDSL2 is a brand new standard and technology that is perfectly suitable for triple play (Video, Voice and Data) applications. Four 10/100 Base-T Ethernet ports and optional USB host/device are integrated to provide wired LAN connectivity with an integrated 802.11g WiFi WLAN Access Point (AP) for wireless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

ATM / IP

DSLAM

VDSL2 / ADSL2+   CT-5372/CT-5372E

CT-5372/CT-5372E
Multi-DSL WLAN Router

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.

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