

CT-5374

Multi-DSL WLAN Router



Description

The CT-5374 is a leading Multi-DSL router with 802.11n(draft) compliant that can support both ADSL2+ and VDSL2.

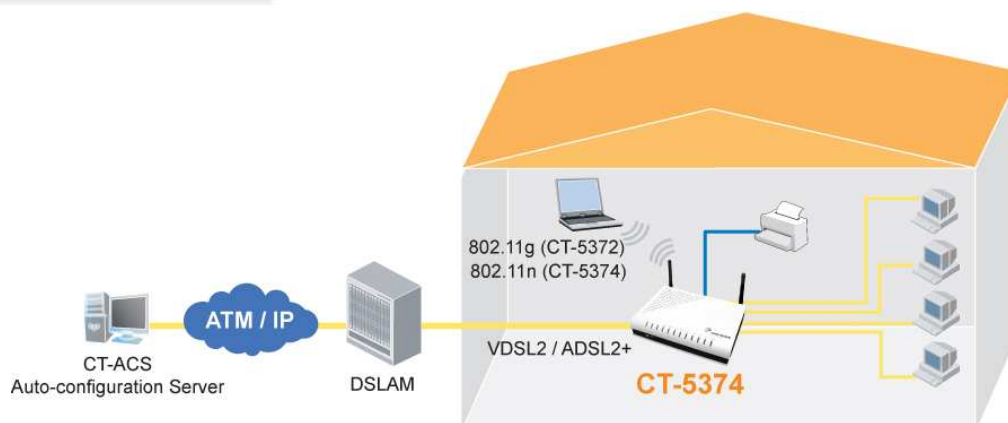
VDSL2 is a brand new standard and technology that is perfectly suitable for triple play (Video, Voice and Data) applications. Four 10/100 Base-T Ethernet ports and optional USB host are integrated to provide wired LAN connectivity with an integrated 802.11n WiFi WLAN Access Point (AP) for wireless connectivity.

The CT-5374 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-5374 – Annex A
- Supports both ADSL2+ and VDSL2
- Automatically switches to ADSL2+ /VDSL2 according to the port setting of DSLAM
- Support up to VDSL2 17a Profile
- UPnP
- Integrated 802.11n AP(backward compatible with 802.11b/g)
- 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-5374

Multi-DSL WLAN Router

Specifications

Hardware Interface

RJ-11 X1 for ADSL2+/VDSL2, RJ-45 X 4 for LAN (10/100 Base-T), Reset Button X 1, WPS button x1, Wi-Fi On/Off button x 1, Wi-Fi Antennas X 2, Power switch X 1, USB Host (Option)

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	IEEE802.11n draft, backward compatible with 802.11g/b
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 300Mbps
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 Input: AC100-240V, Output: DC12V / 1.0A

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-5374, 1* RJ-11 cable, 1* RJ-45 cable, 1* Power Adapter, 1* CD-ROM)

1 KG

Note: Specifications are subject to change without notice.

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