

CT-6373/CT-6373E

Multi-DSL VoIP WLAN IAD



Description

Comtrend's CT-6373/CT-6373E is a powerful Multi-DSL WLAN VoIP Integrated Access Device (IAD), providing predictable, real-time, toll-quality voice over the Internet. The CT-6373 is for ADSL2+/VDSL2 over POTS (Annex A) while the CT-6373E is for ADSL2+/VDSL2 over ISDN (Annex B).

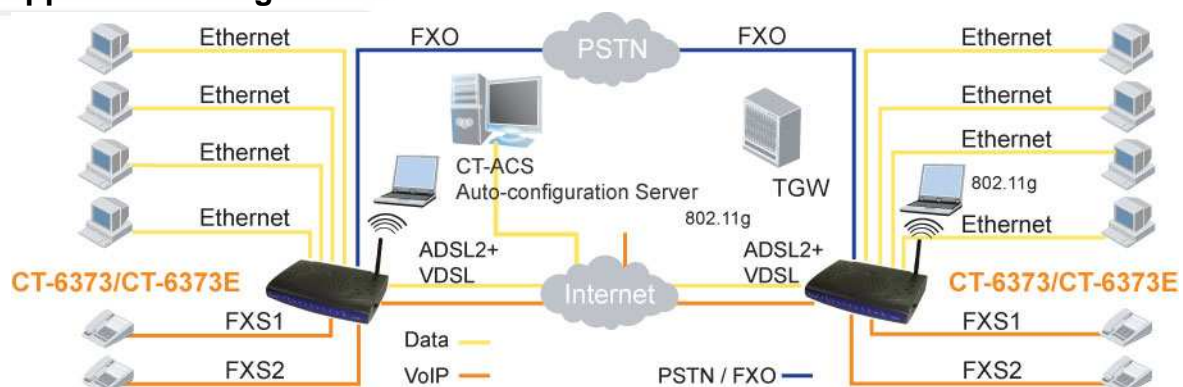
It is designed for residential and business users who need to integrate ADSL2+/VDSL2, WLAN and VoIP technologies. With the latest VDSL2 broadband technology, the CT-6373/CT-6373E is perfectly suitable for triple play and offers users easy access to the Internet via WLAN or Ethernet, and provides VoIP via standard analog phones.

The CT-6373/CT-6373E allows calls to be routed to anywhere in the world – significantly reducing or eliminating long distance charges. You can even make phone calls when your PC is turned off. It also provides a solution for all your network and telephony needs in one integrated unit, which reduces space requirements, and the cost of hardware and cabling. This makes CT-6373/CT-6373E the most cost effective solution for your application.

Features

- CT-6373 – Annex A
- CT-6373E – Annex B
- Multi-DSL VoIP and Router Integrated
- Automatically switches to ADSL2+ or VDSL2 according to the port setting of DSLAM
- Integrated 802.11g AP (backward compatible with 802.11b)
- Supports life line: PSTN alive when power off
- Supports fast emergency call
- Supports QoS (Quality of Service) for voice
- Supports caller ID display and restriction
- Supports call hold
- Supports call waiting
- Supports call forwarding
- Supports call transfer
- Supports 3-way conference
- Supports Direct number dialing
- Supports T.38
- Supports remote administration, automatic remote firmware upgrade & configuration
- Supports VPN Pass-Through
- Supports Day-time parental control
- Supports TR-069/TR-098/TR-104/TR-111
- User Friendly Color connections

Applications Diagram



CT-6373/CT-6373E

Multi-DSL VoIP WLAN IAD



Specifications

Hardware Interface

FXS x2, RJ-11x1 for ADSL2+/VDSL2 (Built-in FXO, Microfilter), RJ-45 x4 for LAN, Reset Button x1, Power Switch x1, USB host/device

WAN Interface

DSL Standard	ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2, Annex M
ADSL standard	Downstream: Up to 24 Mbps
ADSL2+	Upstream: 1.3 Mbps
VDSL2 standard	ITU-T G.993.2 (supporting profile 8a, 8b, 8c, 8d, 12a, 12b, 17a)
VDSL2	Downstream: Up to 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, RFC 2684 (RFC 1483) Bridge; RFC 2684 (RFC 1483) Route; RFC 2516; RFC 1577	
VCs	16
AAL type	AAL5
ATM service class	UBR/CBR/VBR
ATM UNI support	UNI3.1/4.0
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 client and server, or FTP server.

Bridge Functions

Transparent bridging and learning	IEEE 802.1d
IGMP Proxy	Yes
IGMP Snooping	Yes

Routing Functions

Static route, RIP, and RIP v1,v2, NAT/PAT, DHCP Client/Server/Relay, DNS, ARP

Security Functions

Authentication protocols	PAP, CHAP
VPN	PPTP/L2TP/IpSec pass-through
Stateful Packet Inspection, Packet filtering, Denial Of Service protection, Traffic Conditioning, WFQ-based Bandwidth Management, HTTP proxy	

QoS

L3 policy-based QoS, IP QoS, ToS

Voice Functions

SIP	RFC 3261
MGCP	RFC 3435
Codec	G.711, G.723.1, G.726, G.729ab
RTP	RFC 1889
SDP	RFC 2327
Caller ID	ETSI based
Life line/Emergency call	Yes
Echo cancellation	G.168
Silence suppression	Yes

Power Supply

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

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-6373/E, 1* RJ-11 cable, 1* RJ-45 cable, 1* USB cable, 1* Power Adapter, 1* CD-ROM)

1.05 KG

Specifications are subject to change without notice.

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