

# 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).

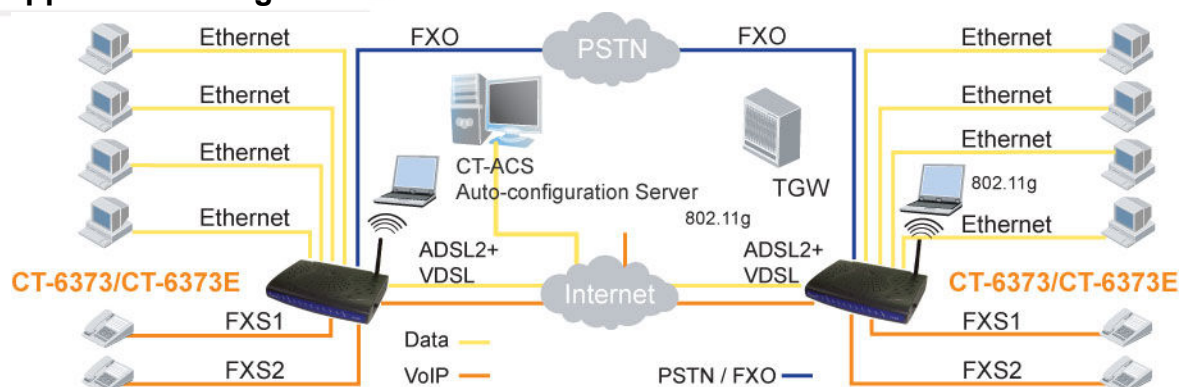
It is designed for residential and business users who need to integrate ADSL2+/VDSL2, WLAN and VoIP technologies. With the latest VDSL2 broadband technology, the CT-6373/CT-6373E is perfectly suitable for triple play and offers users easy access to the Internet via WLAN or Ethernet, and provides VoIP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

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### 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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