CT-6383 Series

ADSL2/2+ WLAN VoIP IAD

COMTREND
Leading the Communication Trend



Description

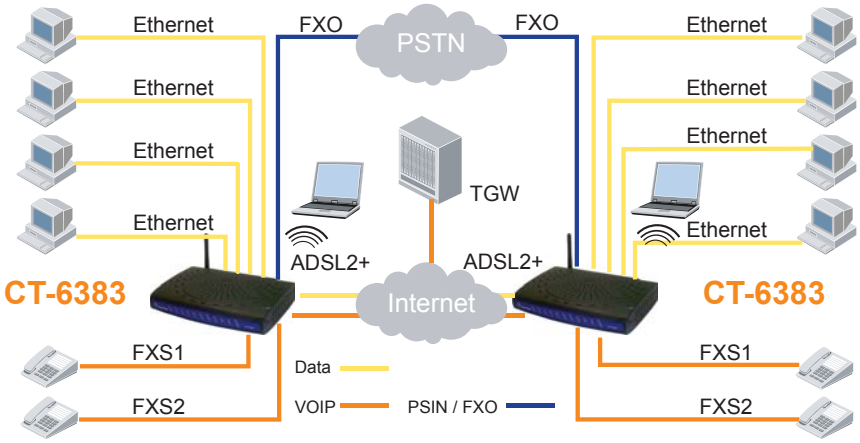
Comtrend's CT-6383 is a powerful WLAN VoIP IAD (Integrated Access Device), providing predictable, real-time, toll-quality voice over the Internet. Developed with ADSL2/2+ broadband technology over PSTN, the CT-6383 offers residential and business users easy access to the Internet via WLAN or Ethernet, also providing VoIP via standard analog telephones.

The CT-6383 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. The CT-6383 supports policy based QoS on layer 3, which provides high quality voice service. It also provides a cost-effective solution to combine with all your network and telephony needs in one, which reduces space requirements and the cost of hardware and cabling. The CT-6383 is also designed with color panel and LED indicators making it more user-friendly.

Features

- **CT-6383-Annex A**
- **CT-6383E-Annex B**
- **ADSL2/2+ VoIP and Router integrated**
- **Integrated 802.11g AP, backward compatible with 802.11b**
- **Supports life line: PSTN alive when power off**
- **Supports 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 remote administration, automatic firmware upgrade and configuration**
- **Supports VPN Pass-through**
- **Supports Day-time parental control**
- **Supports TR-069(option)**
- **Supports DialPlan**
- **Supports T.38**

Applications Diagram



CT-6383 Series

ADSL2/2+ WLAN VoIP IAD



Specifications

WAN Interface

ADSL Standard
ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ITU-T G.992.2, ANSI T1.413 Issue 2

G.992.3 (ADSL2)	Downstream: Up to 12 Mbps	Upstream: 1.3 Mbps
G.992.5 (ADSL2+)	Downstream: Up to 24 Mbps	Upstream: 1.3 Mbps

AnnexM, Annex L

LAN Interface

Ethernet x 4

WLAN

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 environmen

Analog Interfaces

FXS x 2, FXO x 1

ATM Attributes

RFC 2364, RFC 2684 (RFC 1483) Bridge; RFC 2684 (RFC 1483) Route; RFC 2516; RFC 1577

VCs	8
AAL type	AAL5
ATM service class	UBR/CBR/VBR
ATM UNI support	UNI3.1/4.0
OAM F4/F5	Yes

Management

TR-069(option), SNTP, ILMI 4.0, Telnet, Web-based management, Configuration backup and restoration
Software upgrade via HTTP, TFTP client and server, or FTP server,SNMP

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, UpnP, DDNS, DMZ

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, DSCP

Voice Functions

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

Dial Plan
Internal Call

Power

External power adapter	Input: AC100-240V, Output: DC15V / 1.6A

Environmental Conditions

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

Dimensions

205 mm (W) x 47 mm (H) x 145 mm (D)

Kit Weight (1*CT-6383, 1*RJ45 cable, 2*RJ11 cable, 1*power adapter)

0.96 KG

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:
Room 102, No. 8, LiJing Garden, Yushan Town, Kunshan City, Jiangsu Province ,China
Tel: 86-512-57383156, 86-512-57383157, 86-512-57384515
Fax: 86-512-57383155

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

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

France:
87, Rue du Gouverneur Général Félix Eboué 92130 Issy-les-Moulineaux, France
Tel: 33-1-70715700
Fax: 33-1-70715701

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

USA:
15375 Barranca Parkway, Suite C-104 Irvine, CA 92618, USA
Tel: 1-949-7539640
Fax: 1-949-7539020

Canada:
300-1275 West 6th Ave. Vancouver, BC V6H 1A6, Canada
Tel: 1-949-7539640
Fax: 1-949-7539020

Brazil:
Rua Vergueiro, 2087 cj. 101, 04101-000 Sao Paulo, SP - Brazil
Tel: 55-11-50878831

COMTREND CORPORATION
Global contact: sales@comtrend.com
Website: www.comtrend.com

www.tuv.com
TÜV Rheinland Group
ID:0910099282