

# CT-6383 Series

## ADSL2/2+ WLAN VoIP IAD



### Description

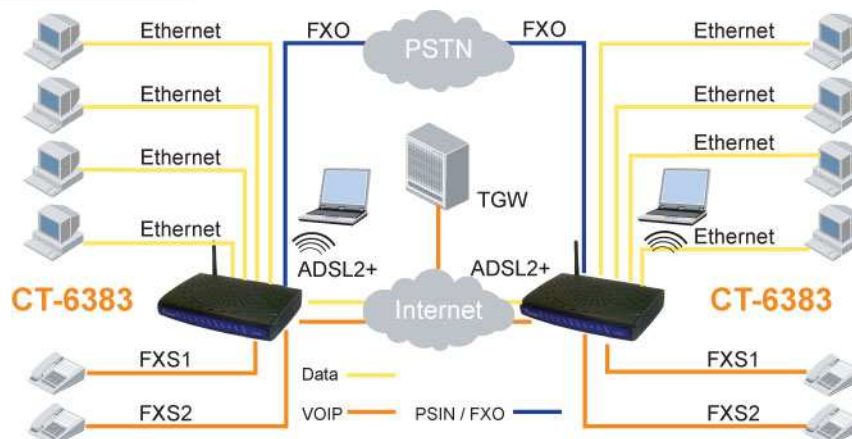
Comtrend's CT-6383 is a powerful WLAN VoIP IAD (Integrated Access Device), providing predictable, real-time, toll-quality voice over the Internet. Developed with ADSL2/2+ broadband technology over PSTN, the CT-6383 offers residential and business users easy access to the Internet via WLAN or Ethernet,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

#### 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), SNMP, 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:

NO.88 East QianJin Road,Kunshan City,JiangSu,China  
Tel: 86-512-57383156, 86-512-57383157,  
86-512-57384515  
Fax: 86-512-57383155

#### Spain:

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

#### UK:

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

#### France:

8, Rue Edouard Naud  
92130 Issy-Les-Moulineaux, France  
Tel: 33-1-78463600  
Fax: 33-1-78463601

#### Czech Republic:

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

#### USA & Canada:

16 Goodyear, Suite 120, Irvine, CA 92618  
Tel: 1-949-7539640  
Fax: 1-949-7539020

#### Brazil:

Al. Campinas, 977 - 7º. Floor - Room 71 / 72 - Jardins  
Zip Code: 01404-001 - São Paulo - SP - Brazil  
Tel: 00 55 11 3052-2295  
Fax: 00 55 11 3052-2295

#### Mexico

Mariano Escobedo 396 Office 503 Colonia Anzures, Deleg. Miguel Hidalgo 11590 Distrito Federal Mexico  
Tel: +52 (55) 4623-1516



**COMTREND CORPORATION**

Global contact: sales@comtrend.com

Website: www.comtrend.com



DS\_CT6383 Series\_R1.1\_042208