

CT-6101

ADSL2+ VoIP IAD



Description

Comtrend's CT-6101 is a single port VoIP Integrated Access Device (IAD), providing predictable, real-time, toll-quality voice over the Internet.

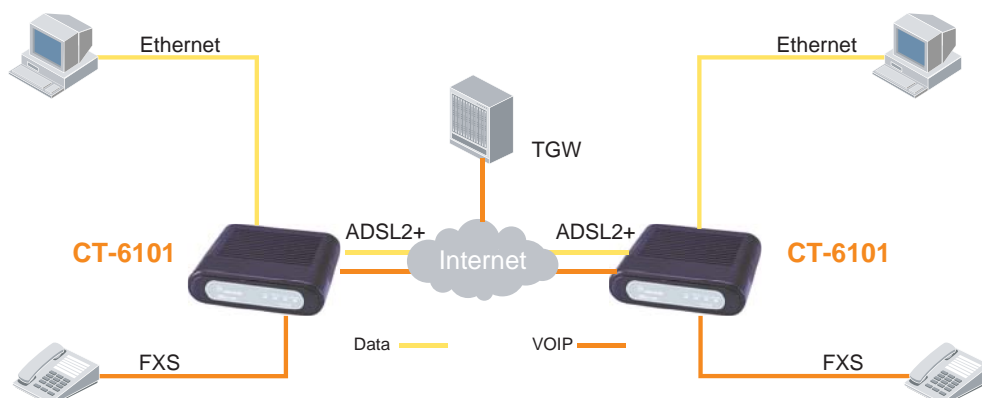
The CT-6101 is for ADSL2/2+ over PSTN. It is designed for residential and business users who need to integrate ADSL2/2+, and VoIP technologies. With ADSL2/2+ broadband technology, the CT-6101 offers users easy access to the Internet via Ethernet, and provides VoIP via standard analog phones.

The CT-6101 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-6101 supports policy based QoS on layer 3, which provides high quality voice service. 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-6101 the most cost effective solution for your application.

Features

- ADSL2/2+ VoIP and Router Integrated
- Supports emergency call
- Supports Quality of Service (QoS) for voice
- Supports caller ID presentation and restriction
- Supports call hold
- Supports call waiting
- Supports call forwarding
- Supports call transfer
- Supports 3-way conference
- Supports Direct number dialing
- Remote administration and automatic remote firmware upgrade and configuration
- Supports VPN Pass-Through
- Supports Day-time parental control

Applications Diagram



CT-6101

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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

LAN Interface

Ethernet x 1

Optional USB Interface

USB 1.1

Analog Interface

FXS 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

SNTP, ILMI 4.0, 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.729ab
RTP RFC 1889
SDP RFC 2327
Caller ID ETSI based
Life line/Emergency call Yes
Echo cancellation G.168
Silence suppression Yes

Power

External power adapter 100-240 Vac to 15VDC /1A

Environmental Conditions

Operating temperature 0 ~ 50 degrees Celsius
Relative humidity 5 ~ 90% (non-condensing)

Dimensions

140 mm (W) x 36 mm (H) x 132 mm (D)

Specifications are subject to change without notice.

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