CT-801
VoIP Gateway

Features

- Supports Voice over IP (VoIP)
- Uses an standard Telephone to make Internet calls free of charge
- Use just one IP address to access the Internet over your entire network
- Supports Caller ID
- Supports silence suppression
- Configurable through your Networked PC's Web Browser
- Remote administration and remote firmware upgrades over the internet
- Supports PPTP, L2TP and IpSec Pass-Through
- Internal multi-port switch dramatically speeds up your gaming and multimedia connections

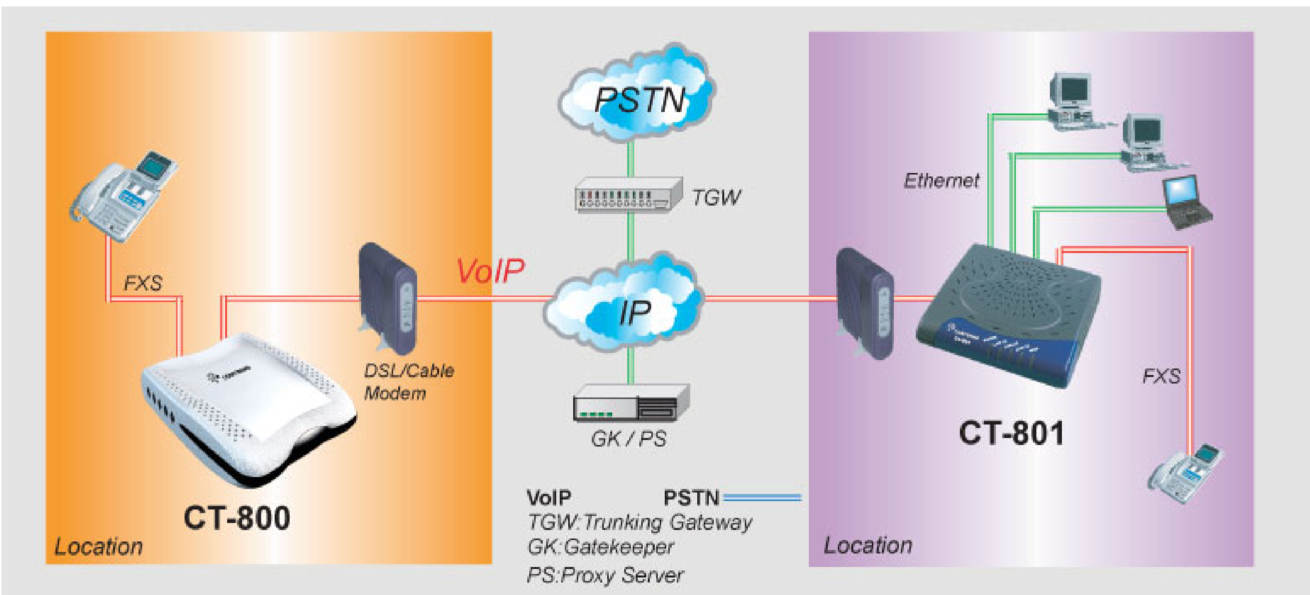
CT-801

Description

Comtrend's CT-801 is a powerful VoIP Gateway, providing predictable, real-time, toll-quality voice over the Internet. The CT-801 is designed for residential and business users. It connects to an external Cable/DSL modem or internal NAT environment to access the broadband service.

An standard telephone connects to the RJ-11 port (telephone jack) on the back of the CT-801, allowing calls to be routed to anywhere in the world – significantly reducing or eliminating long distance charges. Your PCs connected to the CT-801 don't even have to be turned on to make calls. The CT-801 supports policy based QoS on layer 3, which provides high quality voice service. The CT-801 solves your entire network and telephony needs in one integrated unit, which reduce space requirements, and cost of hardware and cabling. This makes the CT-801 the most cost effective solution for your application.

Applications Diagram



CT-801 VoIP Gateway

Specifications

WAN Interface

Ethernet x 1	IEEE 802.3 10/100 Base-T, Auto-crossing

LAN Interface

Ethernet x 3	IEEE 802.3 10/100 Base-T, Auto-crossing

Analog Interface

FXS x 1

Management

Telnet, Web-based management, Configuration backup and restoration

Software upgrade via TFTP client or FTP server

Routing Functions

Static route, NAT/PAT, DHCP Server/DHCP Relay, DNS, ARP

Security Functions

Authentication protocols	PAP, CHAP,
VPN features	PPTP/L2TP/IpSec pass-through

QoS

L3 policy based QoS

Rate limit

ToS

Voice Functions

SIP	RFC 3261
*H.323	H.323, H.225, H.245
Codec	G.711, G.723.1, G.729ab
RTP(RFC1889)	Yes
SDP(RFC2327)	Yes
AEC(Acoustic Echo cancellation)	G.168
VAD/Silence suppression	Yes
DTMF detection/generation	Yes
CNG(Comfort Noise Generation)	Yes
Out-band DTMF(RFC2833)	Yes
Jitter Buffer	Yes
Outbound Proxy(SIP)	Yes
Caller ID Presentation	Yes
Caller ID Restriction	Yes
Call Transfer	Yes
Direct IP Peer-to-Peer Call	Yes
Call Waiting	Yes
Call Hold/Resume	Yes
Call Forward	Yes
CFU (Call Forward Unconditional)	Yes
CFB (Call Forward Busy)	Yes
Phone Book	Yes
STUN(RFC3489)	Yes
Call Switch	Yes
Ring Back Tone	Yes
Busy Tone/ Dial Tone	Yes

LED

Power, WAN, LAN 1x, LAN 2x, LAN 3x, ALARM, PHONE

Power Supply

External power adapter (input)	110 Vac or 220 Vac 50~60Hz
External power adapter (output)	12Vdc/1.5A

Environmental Conditions

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

Dimensions

150 mm (W) x 42 mm (H) x 140 mm (D)

Note* 1.Mark with *, Please check with Comtrend representatives for its availability.
2.Specifications are subject to change without notice.

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