

CXG50000 Series Gateways

Highlights

- ✓ Cost effective gateway with 8 - 48 FXO Ports
- ✓ Fax over IP (T.38 and Pass-Through)
- ✓ Support IPv4 and IPv6
- ✓ TR069 and SNMP •
- ✓ Multiple Codec: G.711A/U,G.723.1,G.729A/B, AMR, G.726 etc.
- ✓ Fully compatible with leading IMS/NGN, SIP based IP telephony system
- ✓ Dual (1+1) SIP Server Option
- ✓ Self Survivability



CXG50000 Series is a multi-functional analog FXO gateway offering seamless connectivity between IP- based SIP telephony system and legacy analog telephones (POTS), FAX machines and PBX systems. The device offers 8/16/24/32/48 FXO ports, fax over IP and flexible dial plans. It is ideally suited for small and medium businesses, call centers and multi-location environments that need VoIP services. CXG50000 Series supports the standard SIP protocol and it's compatible with leading IMS/NGN platforms and SIP-based IP telephony systems.

Overview

CXG5000O Series is available in 8/16/32/48 FXO ports variant and is one of the advanced designed Voip gateway by Creative. It support T.38 real time FAX and T.30 FAX with G.711. Fully compatible with SIP industry standard and able to interoperate with any other SIP devices and IP-PBX software available in the market

Management

- Firmware Upgradeable
- Web Management Interface
- Telnet
- Configuration Backup/Restore
- CDR
- IVR-driven Management Interface
- Local and Remote Syslog (RFC3164)
- Auto Provisioning
- Syslog
- SNTP Time Synchronization
- Multi User Level
- Ping/Tracert Tes
- SNMP v1/v2/v
- TR069

Audio (FAX & Voice)

- G.711A/U law, G.723.1, G.729A/B,
- G.726,iLBC
- Silence Suppression
- Comfort Noise Generation(CNG)
- Voice Activity Detection(VAD)
- Echo Cancellation(G.168), with up to 128ms
- Adaptive (Dynamic) Jitter Buffer
- Hook Flash
- Programmable Gain Control
- T.38/Pass-through
- Modem/POS
- DTMF mode: Signal/RFC2833/INBAND
- VLAN 802.1P/802.1Q
- Layer3 QoS and DiffServ

Call Features

- 3-Way Conference
- Music on hold
- DTMF mode: In-band, RFC2833 and SIP INFO
- Call Hold
- Call Forwarding
- Call Mute
- Call Transfer
- Call Waiting
- Speed Dial
- Caller ID and CWCID
- Hotline
- Dial Plan
- Black List
- Call Log

Protocols

- SIP V2 (RFC 3261,3262,3263,3264)
- Backward Compatible with RFC2543
- Session Timer (RFC4028)
- SDP (RFC2327)
- RTP/RTCP (RFC1889 and RFC1890)
- NAPTR for SIP URI Lookup (RFC2915)
- STUN (RFC 3489)
- ARP/RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP/PPPoE
- PPTP/L2TP VPN/ OpenVPN
- HTTP Server for Web Management
- TFTP/HTTP/HTTPS for Auto Provisioning
- DNS/DNS SRV (RFC1706 and RFC 2782)
- NAT/NAPT Router function

- PPTP/L2TP VPN
- SIP proxy redundancy
- IP conflict detection

I/O Interfaces

- 1 RJ-45 for WAN port (Ethernet 1000 Base-T)
- 2 RJ-45 for LAN port (Ethernet 1000 Base-T)
- 8/16/32/48 RJ-11 for FXS ports

Network

- Static / Dynamic IP,
- PPPoE
- DHCP Client
- IPv4/IPv6
- TCP, UDP, TFTP, FTP, ARP, RARP,
- Ping, NTP, SNTP, HTTP/HTTPS, DNS
- Ping / Tracert

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Ordering Information

Part Code	Description
CXG50080	8 Port FXO Gateway
CXG50160	16 Port FXO Gateway
CXG50240	24 Port FXO Gateway
CXG50320	32 Port FXO Gateway
CXG50480	48 Port FXO Gateway

Software Features

- Hunting Group
- Routing Rules Based Prefixes
- Dual (1+1) SIP Server Option
- Self Survivability / Failback

Power

- AC/DC adapter (CXG5008-O & CXG 5016-O)
- AC Input: 100~240V, 50~60Hz

Environmental/ Compliance

- Operation Temperature: 0~50 Degree C
- Storage Temperature: -20~ 80 Degree C
- Relative Humidity: 10%~90% No Condensing
- Compliance: CE, FCC, UL, RoHS
- EMC: 47 CFR FCC Part 15: 2015 Subpart-B (Class-A)

Creative is a Leading state of the art technology based VoIP & Unified Communication System Developer and Provider and focused on research & Innovation , Creative offers global standard Embedded SIP-PBX , VoIP Gateway and Telephony application software to cater SoHO, SME, SMB and Enterprise Communication requirements.

Email: info@creativetele.in

Phone: +91-54123-56941

Web: www.creativetele.in

Creative Communication