

G108/G116

FXO VoIP Gateway

ZYCOO G108 and G116 are high-performance FXO analog gateways designed specifically for small and medium-sized enterprises, aiming to deliver high-quality, stable, and reliable voice solutions. The G-Series FXO VoIP Gateways utilize the standard SIP protocol and come equipped with 8/16 FXO ports, enabling seamless integration of telephone lines with VoIP networks. Additionally, these gateways feature advanced routing capabilities to enhance call efficiency and flexibility. In terms of security, both of them utilize TLS protocol encryption technology to ensure safety. The simple deployment, user-friendly operation, and easy management features make the G-Series an ideal choice for communication needs in small and medium-sized enterprises.

Application Scenarios



Office Buildings



Financial Institutions



Government Agencies



Retail Stores



Health Care



Hotel



School



Industrial Facilities

Feature Highlights



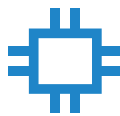
Standard SIP

The G-Series FXO analog gateways support the standard SIP protocol, enabling compatibility with IP-PBX systems and facilitating modern communication solutions.



Flexible Call Routing

The G-Series FXO analog gateways can route calls between VoIP networks and PSTN. Administrators can match routing rules based on caller ID and add dialing prefixes to specific lines, thereby enhancing call efficiency and flexibility.



Multiple Audio Codecs Support

The gateways support various audio codecs, allowing swift conversion between analog and digital voice signals. The supported mainstream codecs include G.722/G.711 - Ulaw/G.711 - Alaw/G.726/G.729/GSM/SPEEX.



Easy Configuration & Management

With a Web-based graphical user interface, administrators can easily configure and monitor lines.



QoS Support

QoS features supported, including traffic shaping, bandwidth management, and packet priority sorting, ensure high-quality voice transmission and call experiences.



Stability and Reliability

The FXO gateways boast excellent hardware design, reducing the likelihood of device failures. Additionally, the gateways are equipped with overcurrent and overvoltage protection mechanisms (ITU-T, K.21), guaranteeing continuous service.



HQ Voice

Superior audio processing technology minimizes noise and packet loss during calls, ensuring high-quality voice transmission and call experiences.



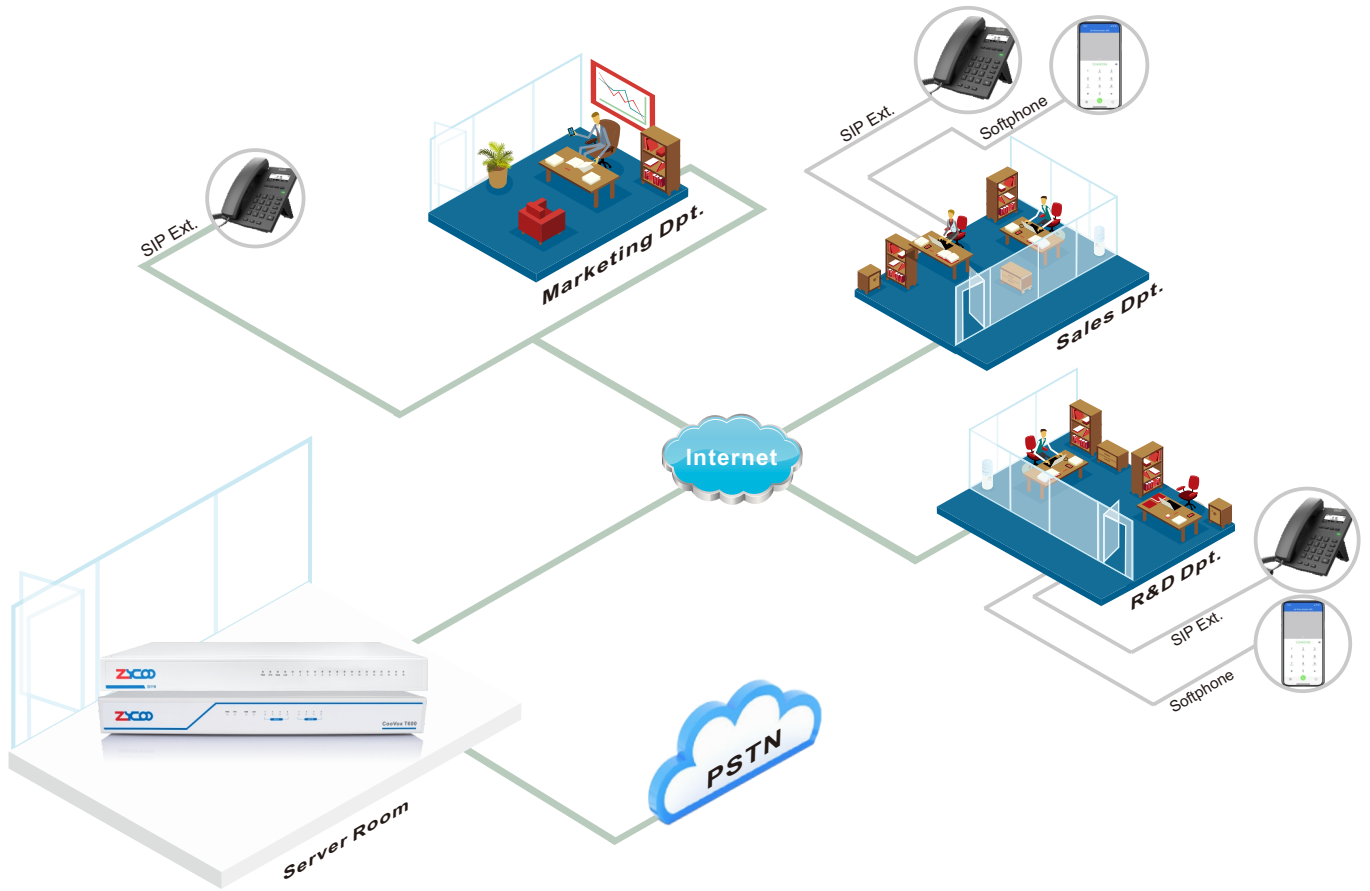
Security Assurance

The G-Series FXO analog gateways provide advanced security features such as encryption, authentication, and access control, protecting against voice traffic interception and unauthorized access, thereby ensuring reliable protection of communication data and privacy.

Hardware Specifications

	G108	G116
Port		
Analog Port	8 x RJ11 FXO Ports	16 x RJ11 FXO Ports
Network Port	1 x 10/100Mbps, 1 x 10/100/1000Mbps Ethernet Port	
Mechanical Properties		
Processor	1.5GHz Quad-core A53 processor	
Memory	1GB DDR3 SDRAM	
Storage	8GB SD Card	
Power Input	100 - 240V AC, 50/60Hz	
Dimension	440mm*171mm*44.5mm	
Mounting Methods	1U Standard Mounting	
Voice		
Communication Protocol	SIP (RFC3261)	
Audio Codec	G.722/ G.711 - Ulaw/ G.711- Alaw/ G.726/ G.729/ GSM/ SPEEX	
Transport Protocol	UDP,TCP,TLS	
DTMF Mode	RFC2833, SIP Info, In-band	
Management		
System Management	Web Management, Call Records, System Logs, Ping, TCP Dump, Channel Monitor, CMD CLI, Trace Route, API	
FXO Characteristics		
Signaling	FXO Kewl Start	
Caller ID	BELL202, ETSI(V23), DTMF-based CID	
Disconnect Methods	Busy Tone, Polarity Reversal	
Environmental		
Operating Temperature	0°C ~ 40°C	
Storage Temperature	-40°C ~ 70°C	
Humidity	10~90% (Non-condensing)	

Topology Diagram





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