

G216/G232

FXS VoIP Gateway

ZYCOO G216 and G232 are high-performance FXS analog gateways designed specifically for small and medium-sized enterprises, aiming to deliver high-quality, stable, and reliable voice solutions. The G-Series FXS VoIP Gateways utilize the standard SIP protocol and come equipped with 16/32 FXS ports, allowing you to seamlessly connect analog phones to VoIP networks. Furthermore, the FXS gateways support advanced features such as Remote Configuration, enhancing system setup and troubleshooting efficiency. 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



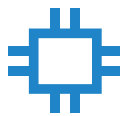
Standard SIP

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



VoIP Interconnection

The G-Series FXS analog gateways support VoIP interconnection, enabling the conversion of analog telephone signals into digital signals, facilitating communication with other VoIP devices through IP networks. This capability enhances and optimizes existing VoIP phone systems, providing higher cost-effectiveness.



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.



Scalability

The G-Series FXS analog gateways can be connected to an IP-PBX via a LAN, allowing you to deploy multiple FXS gateway devices within a LAN to expand FXS ports. RJ11 and RJ21 dual ports design also provides greater flexibility for project deployment.



HQ Voice

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



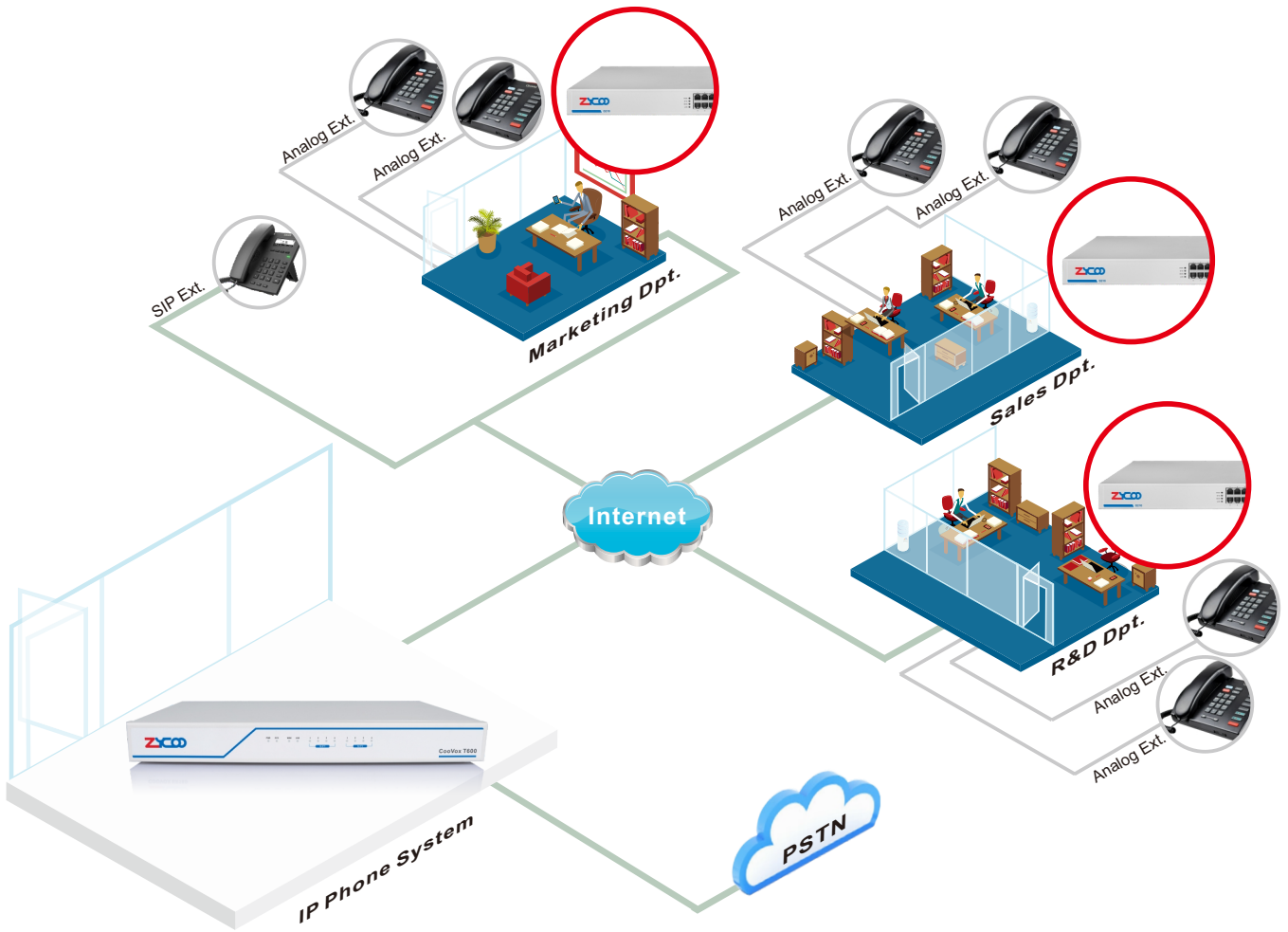
Security Assurance

The G-Series FXS 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

	G216	G232
Port		
Analog Port	16 x RJ11 FXS Ports, 1 x RJ21 Ports	32 x RJ11 FXS Ports, 2 x RJ21 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	
Voice Characteristics	Echo Cancellation, Dynamic Jitter Buffer	
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	
FXS Characteristics		
Signaling	FXS Kewl Start	
Caller ID	BELL202, ETSI(V23), NTT(V23-Japan), 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





zycoo@zycoo.com

www.zycoo.com

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