

VoIP Gateway SVG6016

SVG6016 is designed for multi-dwelling unit/multi-tenant unit(MDU/MTU) applications and is an ideal solution for legacy integration with an existing IP telephony architecture. It matches the density requirements for smaller locations while meeting service provider's demands for scalability. The compact SVG6016 Modular Gateway is extremely scalable and supports up to 16 analog ports in various FXO/FXS configurations. SVG6016 is designed with dedicated hardware, offering real time processing using SIP technology converting analog voice and data signal to digital. This assures high quality processing and transmission of fax and voice communications. SVG6016 is very easy to understand, configure, and deploy. The web interface is designed to provide a clean and user-friendly configuration window so that users won't get lost in complicated menus and maintenance.



Features

- **Fully SIP Compliant** SVG6016 is fully compliant with Session Initiation Protocol (RFC3261). It works with any SIP-compliant devices like IP phone, software phone, IPPBX, analog gateway, etc.
- **VoIP to PSTN & PSTN to VoIP** SVG6016 can bridge calls between VoIP and PSTN from either direction.
- **Power Failure Pass Through** In the event of a power failure, calls can be made or received via a direct connection to the PSTN line, which assures the availability of communications at any situation.
- **Built-in Switch with Voice Prioritization** The built-in four Ethernet ports switch can have the voice packets go first before the data packets in a network traffic jam situation.

Specifications

Model	SVG6016
Protocol	SIP RFC3261 SDP RFC2327 RTP/RTCP
SIP	SIP Trunk SIP Register
Codec	G.711A/G.711U/G.723.1/G.726/G.729A/G.729AB
Voice	G.165/G.168 echo cancellation
Enhancement	Dynamic Jitter Buffer VAD/CNG

	Packet Loss Compensation
DTMF	In-Band DTMF/RFC2833/SIP INFO
FAX	T.38 G.711 Fax Pass through
Network	Static IP/DHCP Client DNS SNTP
QoS	802.1Q VLAN 802.1p Priority IP TOS
NAT Traversal	Static NAT Configure SIP Keep Alive Register STUN
Configuration	WEB Browser Console/Telnet
Firmware Upgrade	FTP/HTTP
Network Interface	4* 10/100Mbps Auto-Negotiation RJ45 Ports supporting Auto MDI/MDIX
Analog Interface	Up to 16 RJ11 FXS ports Up to 16 RJ11 FXO ports
Power	AC adapter input: 100~242AC, 48-60Hz Consumption: <50W
Environmental Conditions	Operating temperature: 0° C~40° C Storage temperature: -20° C~60° C Humidity: 20~90%, non-condensing
Dimensions and Weight	Size:435(W) × 300(D) × 45 (H) mm Net Weight: 4.56kg

Applications

