

# SA-4G VoIP Gateway



- Multi-Protocol Support – Compatible with SIP, STUN, PPPoE, HTTP, DHCP, DNS, and standard VoIP codecs (G.711, G.723.1, G.729AB), with PTP support on 4-channel gateways.
- Advanced Call & Voice Features – Includes PLC (Packet Loss Concealment), VAD/CNG (Voice Activity Detection & Comfort Noise), Echo Cancellation (ITU-T G.168/165), and automatic network negotiation.
- Customizable User Interaction – IVR recording customization, white/black lists, hotline function, DTMF adjustment, and adjustable port gain.

## Technical Parameter

Model NO	SA-4G
Protocols Supported	SIP, STUN, PPPoE, HTTP, DHCP, DNS, PTP (8-channel), VoIP Codecs: G.711a/μ, G.723.1, G.729AB
Voice Features	Echo Cancellation (ITU-T G.168/165), PLC, VAD/CNG, DTMF Adjustment, Customizable IVR, Hotline
SIM & Messaging	Local/Remote SIM operation, SIM/UM lock/unlock, Mobile number display rejection, SMS send/receive, USSD, One-number access, White/Black list
Industrial Standards	EN 300 019 (Stationary, Storage, Transportation), EN 300 753 (Acoustic Noise)
EMC & Safety	EN55022, EN55024, EN61000-3-2/3-3, FCC, CE
GSM Feature	BCCH support (Broadcast Control Channel)
Power Supply	Input: 100–240V AC, 50–60Hz; Output: DC 12V 4A

## About this item

- Robust Hardware Specs – Operates at 0–45°C, stores at –20–80°C, supports 10–90% humidity (no condensation), compact size (250×156×32.5 mm), and lightweight design (1.069 kg).
- Industrial Compliance – Certified for stationary (EN 300 019 Class 3.1), storage (Class 1.2), transportation (Class 2.3) environments, acoustic noise standard EN 300 753, with FCC and CE certifications.
- Automatic Network Negotiation – Detects network parameters automatically and adapts, ensuring seamless connectivity.

Antenna Connector	Mark as digits 0 to 3
Operating Humidity	10%–90% (non-condensing)
Weight	1.069 kg
Size	250 × 156 × 32.5 mm