

GA100-4T SIP ATA Gateway

The GA100-4T gateway is a terminal access device within Fanvil's communication products and solutions portfolio. It is used to connect traditional telephones, fax machines, POS machines, and other to IP-based telephone networks, delivering a powerful, stable, reliable, and cost-effective VoIP solution for IP call centers and multi-branch offices.



Highlights

- Supports 4 FXO voice access ports and is equipped with 2 Ethernet ports .
- Enables seamless call conversion between TDM and IP. Supports configuration via a Web interface and software upgrade.
- Facilitates efficient management and maintenance: a quick installation wizard and Web management page are provided.
- Supports SIP/IMS protocols and VPN client functionality. Its FXO ports support polarity reversal transmission. It offers strong compatibility with various softswitch platforms and excellent adaptability.
- Features a professional hardware-based echo cancellation design to ensure high-quality voice communication

Generic

- Support 4 concurrent calls
- Supports 4-channel (FXO) voice services
- Supports conversion between TDM and IP calls
- Supports SIP/IMS protocols
- Secondary Dialing
- SIP Agent
- NET Settings
- Supports Simultaneous Registration of Multiple Servers (Primary and Backup)
- Centralized Management
- Tone Detector
- Number Change
- Automated Gateway Configuration Deployment
- ACL extension registration and web access support ACL

Audio

- Narrowband codec: G.711a/u, G.723, G.729A/B, iLBC, AMR
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- Acoustic Echo Canceller (AEC)

FXO Features

- Calling Number Detection
- Secondary Dialing
- Polarity Reversal Signaling
- Tone Detection
- Outgoing Calls Barred
- Incoming Call Blacklist
- Custom Routing
- FXO Line Disconnect Alarm

Network

- 10/100Mbps Ethernet
- IP Mode: IPv4/IPv6
- IP Configuration: Static IP / DHCP
- IP address and DNS domain name resolutionSupport VPN Client
- Firewall

Protocols

- DHCP
- TCP / UDP
- HTTP/HTTPS
- TLS
- ARP / RARP
- DNS
- NTP
- TFTP
- SRTP
- TELNET
- STUN
- TR-069
- SNMP

Deployment & Management

- Web Management
- Supported Languages: Chinese, English, and Russian
- Firmware Upgrades
- Tracing test Web-based Ping test/Tracert test
- Supports administrator authentication
- Monitors system and service status
- Support centralized management by a third party
- Automatic Deployment
- Syslog (Error, Warning, Info, Debug)

Physical Specifications

- FXO ports: RJ11 x4
- Ethernet ports: RJ45 x2
- USB ports x1: Mini USB
- Lightning Protection Grade: Level 4
- Reset button x1: Press and hold for 8 seconds to restore to factory settings
- Indicator lights: PWR, RUN, ALM, FXO
- Device dimensions: 140×30×100mm
- Weight: 0.2 kg
- Working temperature: 0°C~45°C
- Storage Temperature: -20°C~85°C
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation