

## Fanvil GA100-8 FXS SIP ATA Gateway (GA100-8)



Product Name: Fanvil GA100-8 FXS SIP ATA Gateway (GA100-8)

Manufacturer: Fanvil

Model Number: GA100-8

### Fanvil GA100-8 FXS SIP ATA Gateway (GA100-8)

The Fanvil GA100-8 is a terminal access device within Fanvil's communication products and solutions portfolio. It is used to connect traditional telephones, fax machines, and POS machines to IP-based telephone networks, delivering a powerful, stable, reliable, and cost-effective VoIP solution for IP call centres and multi-branch offices. Supporting 8 FXS voice access ports and equipped with 2 Ethernet ports, the GA100-8 meets small-scale access requirements. It enables seamless call conversion between TDM and IP, supports SIP/IMS protocols and VPN client functionality, and features professional hardware-based echo cancellation to ensure high-quality voice communication. Its FXS ports support polarity reversal transmission, offering strong compatibility with various softswitch platforms. Fanvil GA100-8 Technical Specifications:

#### Generic

- 8-channel (FXS) voice services
- 8 concurrent calls
- TDM to IP call conversion
- SIP/IMS registration
- Simultaneous registration of multiple servers (primary and backup)
- Centralised management
- Tone detector
- Number change
- Automated gateway configuration deployment
- ACL extension registration and web access support

#### Audio

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

#### FXS Features

- Three-party conferencing
- Group ringing
- Round-robin ringing
- Pick-up
- Call forwarding
- Call waiting
- Do not disturb
- Hook flash detection
- Calling number delivery: FSK and DTMF
- Auto-dialing
- Caller ID
- Fax
- Polarity reversal

#### Network

- 10/100 Mbps Ethernet
- IP mode: IPv4/IPv6
- IP configuration: Static IP / DHCP

## Fanvil GA100-8 FXS SIP ATA Gateway (GA100-8)

- IP address and DNS domain name resolution
- VPN client support
- 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, Russian
- Firmware upgrades
- Web-based ping test / tracer test
- Administrator authentication
- System and service status monitoring
- Third-party centralised management support
- Automatic deployment
- Syslog (Error, Warning, Info, Debug)

### Other Physical Features

- Ethernet ports: 2
- FXS ports: RJ11 ×8
- USB port: Mini USB ×1
- Lightning protection grade: Level 4
- Reset button: press and hold 8 seconds to restore factory settings
- Indicator lights: PWR, RUN, ALM, FXS
- Power consumption: <11W
- Working temperature: 0°C to 45°C
- Storage temperature: -20°C to 85°C
- Working humidity: 8% to 90%, no condensation
- Storage humidity: 8% to 90%, no condensation
- Product weight: 0.55 kg (0.8 kg with packaging)
- Dimensions (W x D x H): 18.6 x 10.8 x 3.0 cm

### Package Contents

- 1 x Fanvil GA100-8 FXS SIP ATA Gateway

**Please Enquire**