

## Fanvil GA100-16 FXS SIP ATA Gateway (GA100-16)



Product Name: Fanvil GA100-16 FXS SIP ATA Gateway (GA100-16)

Manufacturer: Fanvil

Model Number: GA100-16

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The Fanvil GA100-16 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 devices to IP-based telephone networks, delivering a powerful, stable, reliable, and cost-effective VoIP solution for IP call centres and multi-branch offices. Supporting 16 FXS voice access ports and equipped with 4 Ethernet ports, the GA100-16 meets small-to-medium-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 GA100-16

Technical Specifications:

Generic

- 16-channel (FXS) voice services
- 16 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

- 10/100/1000 Mbps Ethernet
- IP mode: IPv4/IPv6

## Fanvil GA100-16 FXS SIP ATA Gateway (GA100-16)

- IP configuration: Static IP / DHCP
- VPN client support
- Firewall

### Protocols

- TCP, UDP, HTTP, HTTPS, ARP/RARP, DNS, NTP, TFTP, TELNET, STUN, SRTP, TLS, SIP/IMS, TR069, 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

- FXS ports: RJ11 ×16
- Ethernet ports: RJ45 ×4
- 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: <18W
- 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: 2.7 kg (3.3 kg with packaging)
- Dimensions (W x D x H): 44.0 x 20.2 x 4.4 cm

### Package Contents

- 1 x Fanvil GA100-16 FXS SIP ATA Gateway

**Please Enquire**