

## Fanvil GA100-16T FXO VoIP Gateway (GA100-16T)



Product Name: Fanvil GA100-16T FXO VoIP Gateway (GA100-16T)

Manufacturer: Fanvil

Model Number: GA100-16T

Please Note: Please see product attributes for power supply options.

Fanvil GA100-16T FXO VoIP Gateway (GA100-16T)

The Fanvil GA100-16T is a 16-port FXO SIP ATA gateway designed to convert analog telephone lines from operators and enterprise PBXs into SIP to connect to the softswitch system on the IP side. It delivers a powerful, stable, reliable, and cost-effective VoIP solution for IP call centres and multi-branch offices. Equipped with 4 Gigabit Ethernet ports and supporting 16 concurrent calls, the GA100-16T offers seamless TDM-to-IP call conversion with SIP/IMS protocols, VPN client functionality, and professional hardware-based echo cancellation. Its FXO ports support polarity reversal transmission and it exhibits strong compatibility with various softswitch platforms. Fanvil GA100-16T Technical Specifications:

Generic

- 16 concurrent calls
- 16-channel (FXO) voice services
- TDM to IP call conversion
- SIP/IMS registration
- Secondary dialling
- SIP agent
- NET settings
- 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 Cancellor (AEC)

FXO Features

- Caller detection
- Secondary dialling
- Polarity reversal detection
- Tone detection
- Outgoing call barring
- Incoming call blacklist
- FXO disconnection alarm

Network

- 10/100/1000 Mbps Ethernet
- IP mode: IPv4/IPv6
- IP configuration: Static IP / DHCP
- VPN client support

## Fanvil GA100-16T FXO VoIP Gateway (GA100-16T)

• 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

• FXO 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, FXO

• Power consumption: <7W

• 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 GA100-16T FXO VoIP Gateway

**Please Enquire**