

Fanvil GA100-8T FXO VoIP Gateway (GA100-8T)



Product Name: Fanvil GA100-8T FXO VoIP Gateway (GA100-8T)

Manufacturer: Fanvil

Model Number: GA100-8T

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The Fanvil GA100-8T is an 8-port FXO SIP ATA gateway designed to convert analog telephone lines from carriers and enterprise PBXs to SIP protocol for interconnection with softswitch systems on the IP side. It delivers a powerful, stable, reliable, and cost-effective VoIP solution for IP call centres and multi-branch organisations. The GA100-8T supports SIP/IMS protocols and VPN client functionality, with FXO ports that support polarity reversal detection. Professional hardware-based echo cancellation ensures high-quality voice communication across all 8 concurrent channels. Fanvil GA100-8T Technical Specifications:

Generic

- 8 concurrent calls
- 8-channel (FXO) voice services
- TDM to IP call conversion
- SIP/IMS protocols
- 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 Canceller (AEC)

FXO Features

- Calling number detection
- Secondary dialling
- Polarity reversal signalling
- Tone detection
- Outgoing calls barred
- Incoming call blacklist
- Custom routing
- FXO line disconnect alarm

Network

- 10/100 Mbps Ethernet
- IP mode: IPv4/IPv6
- IP configuration: Static IP / DHCP
- IP address and DNS domain name resolution
- VPN client support
- Firewall

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Protocols

• DHCP, TCP/UDP, HTTP/HTTPS, TFTP, NTP, STUN, TR-069, DNS, TELNET, ARP/RARP, SRTP, TLS, SIP/IMS, 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 ×8
• Ethernet ports: RJ45 ×2
• USB ports: 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: <3W
• 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): 14.0 x 10.0 x 3.0 cm

Package Contents

• 1 x Fanvil GA100-8T FXO VoIP Gateway

Please Enquire