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
- Power Consumption: <2W
- Working temperature: 0℃~45℃
- Storage Temperature: -20°C~85°C
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 20 pcs
- N.W/CTN: 4.0 kg
- G.W/CTN: 12.0 kg
- Product weight: 0.2 kg / 0.5 kg(with packaging)
- Device Dimensions: 140 x 30 x 100 mm
- Gift Box Dimensions: 335 x 185 x 75 mm
- Outer CTN Dimensions: 765 x 387 x 355 mm

GA100-8T SIP ATA Gateway

This product is 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 centers and multi-branch organizations.



Highlights

☑ Supports 8-channel (FXO) voice services and is equipped with 2 Ethernet ports.

☑ Supports free call conversion between TDM and IP. Supports configuration via a Web interface and remote software upgrade.

☑ Efficient Management and Maintenance: Offers a quick installation wizard and Web-based management page.

☑ Supports SIP/IMS protocols and VPN client functionality. The FXO ports support polarity reversal detection.

Exhibits strong compatibility with various softswitch platforms and high adaptability.

☑ Professional hardware-based echo cancellation design ensures high-quality voice communication.

Generic

- Support 8 concurrent calls
- Supports 8-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 resolution
- Support VPN Client
- Firewall

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, 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 x8: RJ11 x8
- 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
- Power Consumption: <3W
- Working temperature: 0℃~45℃
- Storage Temperature: -20°C~85°C
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 20 pcs
- N.W/CTN: 4.0 kg
- G.W/CTN: 12.0 kg
- Product weight: 0.55 kg / 0.8 kg(with packaging)
- Device Dimensions: 140 x 30 x 100 mm
- Gift Box Dimensions: 335 x 185 x 75 mm
- Outer CTN Dimensions: 765 x 387 x 355 mm

GA100-16T SIP ATA Gateway

This product can be used to convert analog telephone lines from operators and enterprise PBXs into SIP to connect to the softswitch system on the IP side, delivering a powerful, stable, reliable, and cost-effective VoIP solution for IP call centers and multi-branch offices.



Highlights

- ☑ Supports 16 FXO voice access ports and is equipped with 4 Ethernet ports
- ☑ Enables seamless call conversion between TDM and IP; supports configuration via a Web interface as well as software update and 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

- Supports 16-channels (FXO) voice services
- Enable 16 concurrent calls
- Supports conversion between TDM and IP calls
- Supports SIP/IMS registration
- 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 mode : In-band, Out-of-Band (RFC2833/ SIP Info)
- Acoustic Echo Canceller (AEC)

FXO Features

- Caller Detection
- Secondary Dialing
- 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
- Support VPN client
- 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, 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 x16
- Ethernet Ports: RJ45 x4
- USB Port x1: Mini USB x1
- 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
- Power Consumption: <7W
- Working temperature: 0℃~45℃
- Storage Temperature: -20°C~85°C
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 5 pcs
- N.W/CTN: 13.5 kg
- G.W/CTN: 17.5 kg
- Product weight: 2.7 kg / 3.3 kg(with packaging)
- Device Dimensions: 440 x 44 x 202 mm
- Gift Box Dimensions: 538 x 250 x 87 mm
- Outer CTN Dimensions: 553 x 500 x 270 mm

GA100-32T VoIP Gateway

This product can be used to convert analog telephone lines from operators and enterprise PBXs into SIP to connect to the softswitch system on the IP side, delivering a powerful, stable, reliable, and cost-effective VoIP solution for IP call centers and multi-branch offices.



Highlights

- ☑ Supports 32 FXO voice access ports and is equipped with 4 Ethernet ports
- ☑ Enables seamless call conversion between TDM and IP; supports configuration via a Web interface as well as software update and 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

- Supports 32-channels (FXO) voice services
- Enable 32 concurrent calls
- Supports conversion between TDM and IP calls
- Supports SIP/IMS registration
- 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 mode : In-band, Out-of-Band (RFC2833/ SIP Info)
- Acoustic Echo Canceller (AEC)

FXO Features

- Caller Detection
- Secondary Dialing
- 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
- IP address and DNS domain name resolution
- Support VPN client
- Firewall

Protocols

- TCP
- UDP
- HTTP/HTTPS
- ARP/RARP
- DNS
- NTP
- TFTP
- TELNET
- STUN
- TR069
- SRTP
- TLS
- SIP/IMS
- 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 x32
- Ethernet Ports: RJ45 x4
- USB Port x1: Mini USB x1
- 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
- Power Consumption: <9W
- Working temperature: 0℃~45℃
- Storage Temperature: -20°C~85°C
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 5 pcs
- N.W/CTN: 13.5 kg
- G.W/CTN: 17.5 kg
- Product weight: 2.7 kg / 3.3 kg(with packaging)
- Device Dimensions: 440 x 44 x 202 mm
- Gift Box Dimensions: 538 x 250 x 87 mm
- Outer CTN Dimensions: 553 x 500 x 270 mm