GA100-4 SIP ATA Gateway

The GA100-4 gateway is a terminal access device within Fanvil's communication products and solutions portf olio. It is used to connect traditional telephones, fax machines, and POS machines to IP-based telephone net works, delivering a powerful, stable, reliable, and cost-effective VoIP solution for IP call centers and multi-bra nch offices.



Highlights

- ☑ Supports 4 FXS voice access ports and is equipped with 2 Ethernet ports, meeting small-scale access requirements.
- ☑ 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 FXS 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 4-channel (FXS) voice services
- Enables 4 concurrent calls
- Supports conversion betweenTDM and IP calls
- Supports SIP/IMS registration
- Supports functions such as Caller ID, Number Change, Call Transfer, Call Waiting, and Auto Dialing.
- FXS ports support features such as Group Ringing, Round-robin Ringing, and Call Intercept.
- 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)

FXS features

- Three-party conferencing
- Group ringing
- Round-robin ringing
- Pick-up
- Call Forward
- Call Waiting
- Do-Not-Disturb
- Hook Flash Detection
- Calling Number Delivery: FSK and DTMF
- Auto-dialing
- Caller ID
- Fax
- Polarity Reversal Signaling

Network

- 10/100 Mbps Ethernet
- IP Mode: IPv4/IPv6
- IP Configuration: Static IP/DHCP
- IP address and DNS domain name resolution
- Supports 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 or 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

- 2 Ethernet Ports
- USB Port x1: Mini USB x1
- 4 FXS Ports
- Lightning Protection Grade: Level 4
- Reset Button x1: Press and hold for 8 seconds to restore to factory settings
- Indicator lights: PWR, RUN, ALM, FXS
- Power Consumption: <5W
- 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
- 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

GA100-8 SIP ATA Gateway

The GA100-8 gateway is a terminal access device within Fanvil's communication products and solutions portf olio. It is used to connect traditional telephones, fax machines, and POS machines to IP-based telephone net works, delivering a powerful, stable, reliable, and cost-effective VoIP solution for IP call centers and multi-bra nch offices.



Highlights

- ☑ Supports 8 FXS voice access ports and is equipped with 2 Ethernet ports, meeting small-scale access requirements.
- ☑ 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 FXS 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 8-channel (FXS) voice services
- Enables 8 concurrent calls
- Supports conversion betweenTDM and IP calls
- Supports SIP/IMS registration

- 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)

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
- IP address and DNS domain name resolution
- Support 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

- 2 Ethernet Ports
- 8 FXS ports: RJ11 x8
- 1 USB ports: Mini USB
- Lightning Protection Grade: Level 4
- 1 Reset button: Press and hold for 8 seconds to restore to 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
- Qty/CTN: 20 pcs
- N.W/CTN: 11.0 kg
- G.W/CTN: 18.0 kg
- Product weight: 0.55 kg / 0.8 kg(with packaging)
- Device Dimensions: 186 x 30 x 108 mm
- Gift Box Dimensions: 335 x 185 x 75 mm
- Outer CTN Dimensions: 765 x 387 x 355 mm

GA100-16 SIP ATA Gateway

The GA100-16 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 16 FXS voice access ports and is equipped with 4 Ethernet ports, meeting small-to-medium-scale access requirements.
- ☑ 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 FXS 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 (FXS) voice services
- Enable 16 concurrent calls
- Supports conversion between TDM and IP calls
- Supports SIP/IMS registration
- 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)

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
- IP Configuration: Static IP / DHCP
- Support VPN client
- Firewall

Protocol

- 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

- FXS 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, FXS
- Power Consumption: <18W
- 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

GA100-24R VoIP Gateway

The GA100-24R 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 24 FXS voice access ports with high capacity density and is equipped with 4 Ethernet ports, meeting small-to-medium-scale access requirements.
- ☑ 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 FXS 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 24-channels (FXS) voice services
- Enable 24 concurrent calls
- Supports conversion between TDM and IP calls
- Supports SIP/IMS registration
- 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)

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
- 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
- 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

- FXS Ports: RJ11 x24 and RJ21 x1
- 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, FXS
- Power Consumption: <24W
- 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

GA100-32R VoIP Gateway

The GA100-32R Analog Gateway is a terminal access device within Shenzhen Fanvil Enterprise Communication Products and Solutions Portfolio. This product can be 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 centers and multi-branch offices.



Highlights

- ☑ Supports 32-channel FXS voice access with high capacity density, and is equipped with 4 Ethernet ports, meeting small-to-medium-scale access requirements.
- ☑ 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 FXS 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 (FXS) voice services
- Enable 32 concurrent calls
- Supports conversion between TDM and IP calls
- Supports SIP/IMS registration
- 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)

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
- 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

- FXS Ports: RJ11 x32 and RJ21 x2
- 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, FXS
- Power Consumption: <30W
- 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

GA100-48R VoIP Gateway

The GA100-48R analog voice gateway can be used to connect traditional telephones, fax machines, modems, POS devices, and PBX systems to IP-based telephone networks, providing powerful, stable, reliable, and cost-effective VoIP solutions for IP call centers and multi-branch offices.
The GA100-48R analog gateway features an ARM quad-core processor + CPLD hardware architecture and an embedded Linux system. Using an ARM chip cluster stacking solution, this product delivers high-density, high-capacity gateway performance with exceptional stability.



Highlights

☑ Supports 48-channel FXS voice access with high capacity density, and is equipped with 2 Ethernet ports, meeting large-scale access requirements.

☑ 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 FXS 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 48-channels (FXS) voice services
- Enable 48 concurrent calls
- Supports conversion between TDM and IP calls
- Supports SIP/IMS registration
- 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)

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
- IP Configuration: Static IP / DHCP
- IP address and DNS domain name resolution
- Support VPN client
- Firewall

Protocols

- SIP V1.0/2.0, RFC3261
- 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

- FXS Ports: RJ21 x2
- Gigabit electrical ports x2
- Gigabit network optical port x1
- USB Port x1: Mini USB x1
- Lightning Protection Grade: Level 4
- Access Voltage:
  - AC power input: 100-240V~3A
  - DC power input: -38.4V~-60V, typical value -48V
- Telephone Line Impedance: Meets national standard three-element network impedance.
- Indicator lights: PWR, WAN, LAN, FXS
- Power Consumption: <48W
- Working temperature: 0°C~45°C
- Storage Temperature: -20°C~85°C
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 2 pcs
- N.W/CTN: 4.0 kg
- G.W/CTN: 12.0 kg
- Product weight: 4.8 kg / 6.0 kg(with packaging)
- Device Dimensions: 440 x 44 x 412.4 mm
- Gift Box Dimensions: 540 x 514 x 141 mm
- Outer CTN Dimensions: 560 x 530 x 326 mm

GA100-72R VoIP Gateway

The GA100-72R analog voice gateway can be used to connect traditional telephones, fax machines, modems, POS devices, and PBX systems to IP-based telephone networks, providing powerful, stable, reliable, and cost-effective VoIP solutions for IP call centers and multi-branch offices.

This analog gateway features an ARM quad-core processor + CPLD hardware architecture and an embedded Linux system. Using an ARM chip cluster stacking solution, this product delivers high-density, high-capacity gateway performance with exceptional stability.



Highlights

☑ Supports 72-channel FXS voice access with high capacity density, and is equipped with 2 Ethernet ports, meeting large-scale access requirements.

☑ 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 FXS 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 72-channels (FXS) voice services
- Enable 72 concurrent calls
- Supports conversion between TDM and IP calls
- Supports SIP/IMS registration
- 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)

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
- IP Configuration: Static IP / DHCP
- IP address and DNS domain name resolution
- Support VPN client
- Firewall

Protocols

- SIP V1.0/2.0, RFC3261
- 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

- FXS Ports: RJ21 x3
- Gigabit electrical ports x2
- Gigabit network optical port x1
- USB Port x1: Mini USB x1
- Indicator lights: PWR, WAN, LAN, FXS
- Lightning Protection Grade: Level 4
- Access Voltage:
  - AC power input: 100-240V~3A
  - DC power input: -38.4V~-60V, typical value -48V
- Telephone Line Impedance: Meets national standard three-element network impedance.
- Power Consumption: <73W
- Working temperature: 0°C~45°C
- Storage Temperature: -20°C~85°C
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 2 pcs
- N.W/CTN: 4.0 kg
- G.W/CTN: 12.0 kg
- Product weight: 4.8 kg / 6.0 kg(with packaging)
- Device Dimensions: 440 x 44 x 412.4 mm
- Gift Box Dimensions: 540 x 514 x 141 mm
- Outer CTN Dimensions: 560 x 530 x 326 mm

GA100-96R VoIP Gateway

The GA100-96R analog voice gateway can be used to connect traditional telephones, fax machines, modems, POS devices, and PBX systems to IP-based telephone networks, providing powerful, stable, reliable, and cost-effective VoIP solutions for IP call centers and multi-branch offices.

This analog gateway features an ARM quad-core processor + CPLD hardware architecture and an embedded Linux system. Using an ARM chip cluster stacking solution, this product delivers high-density, high-capacity gateway performance with exceptional stability.



Highlights

☑ Supports 96-channel FXS voice access with high capacity density, and is equipped with 2 Ethernet ports, meeting large-scale access requirements.

☑ 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 FXS 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 96-channels (FXS) voice services
- Enable 96 concurrent calls
- Supports conversion between TDM and IP calls
- Supports SIP/IMS registration
- 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)

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
- IP Configuration: Static IP / DHCP
- IP address and DNS domain name resolution
- Support VPN client
- Firewall

Protocols

- SIP V1.0/2.0, RFC3261
- 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

- FXS Ports: RJ21 x4
- Gigabit electrical ports x2
- Gigabit network optical port x1
- USB Port x1: Mini USB x1
- Indicator lights: PWR, WAN, LAN, FXS
- Lightning Protection Grade: Level 4
- Access Voltage:
  - AC power input: 100-240V~3A
  - DC power input: -38.4V~-60V, typical value -48V
- Telephone Line Impedance: Meets national standard three-element network impedance.
- Power Consumption: <95W
- Working temperature: 0°C~45°C
- Storage Temperature: -20°C~85°C
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 2 pcs
- N.W/CTN: 13.0 kg
- G.W/CTN: 17.0 kg
- Product weight: 6.5 kg / 8.0 kg(with packaging)
- Device Dimensions: 440 x 66 x 412.4 mm
- Gift Box Dimensions: 560 x 530 x 162 mm
- Outer CTN Dimensions: 560 x 530 x 368 mm

GA100-144R VoIP Gateway

The GA100-144R analog voice gateway can be used to connect traditional telephones, fax machines, modems, POS devices, and PBX systems to IP-based telephone networks, providing powerful, stable, reliable, and cost-effective VoIP solutions for IP call centers and multi-branch offices.

This analog gateway features an ARM quad-core processor + CPLD hardware architecture and an embedded Linux system. Using an ARM chip cluster stacking solution, this product delivers high-density, high-capacity gateway performance with exceptional stability.



Highlights

☑ Supports 144-channel FXS voice access with high capacity density, and is equipped with 2 Ethernet ports, meeting large-scale access requirements.

☑ 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 FXS 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 144-channels (FXS) voice services
- Enable 144 concurrent calls
- Supports conversion between TDM and IP calls
- Supports SIP/IMS registration
- 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)

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
- IP Configuration: Static IP / DHCP
- IP address and DNS domain name resolution
- Support VPN client
- Firewall

Protocols

- SIP V1.0/2.0, RFC3261
- 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

- FXS Ports: RJ21 x6
- Gigabit electrical ports x2
- Gigabit network optical port x1
- USB Port x1: Mini USB x1
- Indicator lights: PWR, WAN, LAN, FXS
- Lightning Protection Grade: Level 4
- Access Voltage:
  - AC power input: 100-240V~3A
  - DC power input: -38.4V~-60V, typical value -48V
- Telephone Line Impedance: Meets national standard three-element network impedance.
- Power Consumption: <136W
- Working temperature: 0°C~45°C
- Storage Temperature: -20°C~85°C
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 2 pcs
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