GA200-1E VoIP Gateway

GA200-1E gateway features a 1U height standard rack-mountable design. Based on a hardware architecture of POWERPC and DSP, it runs an embedded LINUX system. It can be used to connect the PSTN and enterprise switches to IP-based telephone networks or IP PBXs. GA200-1E gateway provides a powerful, stable, reliable, and cost-effective VoIP solution for high-capacity IP call centers and multi-branch offices.



Highlights

☑ Supports E1/T1 access and can be adapted to different scales of digital trunk requirements.

☑ Features compatibility with various signaling protocols (including SS1, SS7, and ISDN), ensuring strong interoperability.

☑ Designed with a carrier-grade redundant power supply to guarantee stable system operation.

☑ Echo cancellation and fax.

☑ Daemon processes and a hardware watchdog ensure high system availability.

Generic

- Support 1-channel (E1 T1) voice
- 30-Channel Concurrent Calls
- Enables free call conversion between TDM and IP
- Supports IMS registration
- Supports primary and backup PCM lines
- Supports Simultaneous Registration of Multiple Servers (Primary and Backup)
- ACL extension registration and web access support ACL
- Number Change
- Enable/Disable Echo Cancellation (AEC)
- Call Filtering Rules: Whitelist, Blacklist, Number Pool
- Number Location
- SIP Trunk Primary
- NAT Traversal
- Daemon processes and a hardware watchdog ensure high system availability.

Audio

- Narrowband codec: G.711A, G.711U, G.723, G.729, G.722, iLBC, AMR, SILK, Opus
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- Acoustic Echo Canceller (AEC)

Features

- 1 E1 (T1) Access
- Signaling Protocols: SS1, SS7, ISDN, SIP v1.0/2.0, RFC3261
- Fax: Supports T.38 and T.30
- SIP Trunk Group and PCM Trunk Group Routing
- Master/Slave Clock Settings
- Number Change
- E1 Hot Standby
- Gain Adjustment for IP Side and PSTN Side
- Called Number Transformation based on Number Pool Rules

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
- TLS
- SRTP
- TFTP
- TELNET
- STUN
- SIP/IMS
- SNMP

Deployment & Management

- Supports administrator authentication
- Web interface configuration and software package update
- Supported Languages: Chinese, English, and Russian
- Firmware Upgrades
- Tracing test Web-based Ping test Tracert test
- Syslog (Error, Warning, Info, Debug)
- Support centralized management by a third party

Physical Specifications

- 1 E1 interface
- Power Ports x2
- 2 Adaptive Gigabit Ethernet Ports
- Console Port x1
- 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: ＜9W
- Working temperature: 0℃~45℃
- Storage Temperature: -20℃~85℃
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 6 pcs
- N.W/CTN: 20.4 kg
- G.W/CTN: 30.0 kg
- Product weight: 3.4 kg / 4.5 kg(with packaging)
- Device Dimensions: 440 x 44 x 267 mm
- Gift Box Dimensions: 630 x 365 x 105 mm
- Outer CTN Dimensions: 670 x 665 x 420 mm

GA200-2E VoIP Gateway

GA200-2E gateway features a 1U height standard rack-mountable design. Based on a hardware architecture of POWERPC and DSP, it runs an embedded LINUX system. It can be used to connect the PSTN and enterprise switches to IP-based telephone networks or IP PBXs. GA200-2E gateway provides a powerful, stable, reliable, and cost-effective VoIP solution for high-capacity IP call centers and multi-branch offices.



Highlights

☑ Supports E1/T1 access and can be adapted to different scales of digital trunk requirements.

☑ Features compatibility with various signaling protocols (including SS1, SS7, and ISDN), ensuring strong interoperability.

☑ Designed with a carrier-grade redundant power supply to guarantee stable system operation.

☑ Echo cancellation and fax.

☑ Daemon processes and a hardware watchdog ensure high system availability.

Generic

- Support 2-channel (E1 T1) voice
- 60-Channel Concurrent Calls
- Enables free call conversion between TDM and IP
- Supports IMS registration
- Supports primary and backup PCM lines
- Supports Simultaneous Registration of Multiple Servers (Primary and Backup)
- ACL extension registration and web access support ACL
- Number Change
- Enable/Disable Echo Cancellation (AEC)
- Call Filtering Rules: Whitelist, Blacklist, Number Pool
- Number Location
- SIP Trunk Primary
- NAT Traversal
- Daemon processes and a hardware watchdog ensure high system availability.

Audio

- Narrowband codec: G.711A, G.711U, G.723, G.729, G.722, iLBC, AMR, SILK, Opus
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- Acoustic Echo Canceller (AEC)

Features

- 2 E1 (T1) Access
- Signaling Protocols: SS1, SS7, ISDN, SIP v1.0/2.0, RFC3261
- Fax: Supports T.38 and T.30
- SIP Trunk Group and PCM Trunk Group Routing
- Master/Slave Clock Settings
- Number Change
- E1 Hot Standby
- Gain Adjustment for IP Side and PSTN Side
- Called Number Transformation based on Number Pool Rules

Network

- 10/100/1000 Mbps Ethernet
- IP Mode:IPv4/IPv6
- IP Configuration: Static IP/DHCP
- IP address and DNS domain name resolution
- Supports VPN client
- Firewall

Protocols

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

Deployment & Management

- Supports administrator authentication
- Web interface configuration and software package update
- Supported Languages: Chinese, English, and Russian
- Firmware Upgrades
- Tracing test Web-based Ping test Tracert test
- Syslog (Error, Warning, Info, Debug)
- Support centralized management by a third party

Physical Specifications

- 2 E1 interface
- Power Ports x2
- 2 Adaptive Gigabit Ethernet Ports
- Lightning Protection Grade: Level 4
- Console Port x1
- 1 Reset button: Press and hold for 8 seconds to restore to factory settings
- Indicator lights: PWR, RUN, ALM, PCM
- Power Consumption: <10W
- Working temperature: 0℃~45℃
- Storage Temperature: -20℃~85℃
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 6 pcs
- N.W/CTN: 20.4 kg
- G.W/CTN: 30.0 kg
- Product weight: 3.4 kg / 4.5 kg(with packaging)
- Device Dimensions: 440 x 44 x 267 mm
- Gift Box Dimensions: 630 x 365 x 105 mm
- Outer CTN Dimensions: 670 x 665 x 420 mm

GA200-4E VoIP Gateway

GA200-4E gateway features a 1U height standard rack-mountable design. Based on a hardware architecture of POWERPC and DSP, it runs an embedded LINUX system. It can be used to connect the PSTN and enterprise switches to IP-based telephone networks or IP PBXs. GA200-4E gateway provides a powerful, stable, reliable, and cost-effective VoIP solution for high-capacity IP call centers and multi-branch offices.



Highlights

☑ Supports E1/T1 access and can be adapted to different scales of digital trunk requirements.

☑ Features compatibility with various signaling protocols (including SS1, SS7, and ISDN), ensuring strong interoperability.

☑ Designed with a carrier-grade redundant power supply to guarantee stable system operation.

☑ Echo cancellation and fax.

☑ Daemon processes and a hardware watchdog ensure high system availability.

Generic

- Support 4-channel (E1 T1) voice
- 120-Channel Concurrent Calls
- Enables free call conversion between TDM and IP
- Supports IMS registration
- Supports primary and backup PCM lines
- Supports Simultaneous Registration of Multiple Servers (Primary and Backup)
- ACL extension registration and web access support ACL
- Number Change
- Enable/Disable Echo Cancellation (AEC)
- Call Filtering Rules: Whitelist, Blacklist, Number Pool
- Number Location
- SIP Trunk Primary
- NAT Traversal
- Daemon processes and a hardware watchdog ensure high system availability.

Audio

- Narrowband codec: G.711A, G.711U, G.723, G.729, G.722, iLBC, AMR, SILK, Opus
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO/INBAND)
- Acoustic Echo Canceller (AEC)

Features

- 4 E1 (T1) Access
- Signaling Protocols: SS1, SS7, ISDN, SIP v1.0/2.0, RFC3261
- Fax: Supports T.38 and T.30
- SIP Trunk Group and PCM Trunk Group Routing
- Master/Slave Clock Settings
- Number Change
- E1 Hot Standby
- Gain Adjustment for IP Side and PSTN Side
- Called Number Transformation based on Number Pool Rules

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
- SRTP
- SNMP

Deployment & Management

- Supports administrator authentication
- Web interface configuration and software package update
- Supported Languages: Chinese, English, and Russian
- Firmware Upgrades
- Tracing test Web-based Ping test Tracert test
- Syslog (Error, Warning, Info, Debug)
- Support centralized management by a third party

Physical Specifications

- 4 E1 interface
- Power Ports x2
- 2 Adaptive Gigabit Ethernet Ports
- Console Port x1
- Lightning Protection Grade: Level 4
- 1 Reset button: Press and hold for 8 seconds to restore to factory settings
- Indicator lights: PWR, RUN, ALM, PCM
- Power Consumption: <12W
- Working temperature: 0℃~45℃
- Storage Temperature: -20℃~85℃
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 6 pcs
- N.W/CTN: 20.4 kg
- G.W/CTN: 30.0 kg
- Product weight: 3.4 kg / 4.5 kg(with packaging)
- Device Dimensions: 440 x 44 x 267 mm
- Gift Box Dimensions: 630 x 365 x 105 mm
- Outer CTN Dimensions: 670 x 665 x 420 mm

GA200-8E VoIP Gateway

GA200-8E gateway features a 1U height standard rack-mountable design. Based on a hardware architecture of POWERPC and DSP, it runs an embedded LINUX system. It can be used to connect the PSTN and enterprise switches to IP-based telephone networks or IP PBXs. GA200-8E gateway provides a powerful, stable, reliable, and cost-effective VoIP solution for high-capacity IP call centers and multi-branch offices.



Highlights

☑ Supports E1/T1 access and can be adapted to different scales of digital trunk requirements.

☑ Features compatibility with various signaling protocols (including SS1, SS7, and ISDN), ensuring strong interoperability.

☑ Designed with a carrier-grade redundant power supply to guarantee stable system operation.

☑ Echo cancellation and fax.

☑ Daemon processes and a hardware watchdog ensure high system availability.

Generic

- Support 8-channel (E1 T1) voice
- 120-Channel Concurrent Calls
- Enables free call conversion between TDM and IP
- Supports IMS registration
- Supports primary and backup PCM lines
- Supports Simultaneous Registration of Multiple Servers (Primary and Backup)
- ACL extension registration and web access support ACL
- Number Change
- Enable/Disable Echo Cancellation (AEC)
- Call Filtering Rules: Whitelist, Blacklist, Number Pool
- Number Location
- SIP Trunk Primary
- NAT Traversal
- Daemon processes and a hardware watchdog ensure high system availability.

Audio

- Narrowband codec: G.711A, G.711U, G.723, G.729, G.722, iLBC, AMR, SILK, Opus
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO/INBAND)
- Acoustic Echo Canceller (AEC)

Features

- 8 E1 (T1) Access
- Signaling Protocols: SS1, SS7, ISDN, SIP v1.0/2.0, RFC3261
- Fax: Supports T.38 and T.30
- SIP Trunk Group and PCM Trunk Group Routing
- Master/Slave Clock Settings
- Number Change
- E1 Hot Standby
- Gain Adjustment for IP Side and PSTN Side
- Called Number Transformation based on Number Pool Rules

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
- SRTP
- SNMP

Deployment & Management

- Supports administrator authentication
- Web interface configuration and software package update
- Supported Languages: Chinese, English, and Russian
- Firmware Upgrades
- Tracing test Web-based Ping test Tracert test
- Syslog (Error, Warning, Info, Debug)
- Support centralized management by a third party

Physical Specifications

- 8 E1 interface
- Power Ports x2
- 2 Adaptive Gigabit Ethernet Ports
- Console Port x1
- Lightning Protection Grade: Level 4
- 1 Reset button: Press and hold for 8 seconds to restore to factory settings
- Indicator lights: PWR, RUN, ALM, PCM
- Power Consumption: <20W
- Working temperature: 0℃~45℃
- Storage Temperature: -20℃~85℃
- Working humidity: 8%~90%, No condensation
- Storage Humidity: 8%~90%, No condensation
- Qty/CTN: 6 pcs
- N.W/CTN: 20.4 kg
- G.W/CTN: 30.0 kg
- Product weight: 3.4 kg / 4.5 kg(with packaging)
- Device Dimensions: 440 x 44 x 267 mm
- Gift Box Dimensions: 630 x 365 x 105 mm
- Outer CTN Dimensions: 670 x 665 x 420 mm