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ANALOG GATEWAY
(4,8 & 16 Ports)

Up to 16 analog ports (FXO/FXS)

Simple Installation

Flexible Call Routing

128ms DSP based Echo Cancellation

Interoperable with most of the SIP based IP PBX like 3CX™, ASTERISK™, etc.

DESIGNED &
MANUFACTURED IN INDIA

This gateway is standalone, fanless and can convert up to 16 analog ports (FXO or FXS modules) to VOIP.

A new model offers 8 FXS/FXO modules alongside 8 ISDN BRI modules. Hardware DSP for LEC and transcoding is included.

Features

- Compatible with Elastix™, Asterisk™, Trixbox™, FreePBX™ ,3CX™ (Only the 4 port model)…
- On board 128ms Line Echo Cancellation DSP
- On board Transcoding (G711, G729) DSP
- 4, 8, 16 analog ports (FXO or FXS) and 8 analog ports (FXS/FXO) + 8 ISDN BRI model
- T.38 fax relay
- Pre configured for almost plug and play experience.
- Clean and easy to use webinterface
- Caller ID
- DTMF Digit Detection and Generation
- SIP User Agent IETF RFC3261 compliant

Product Models

aGA40 - 4 Port FXS Gateway
aGA04 - 4 Port FXO Gateway
aGA80 - 8 Port FXS Gateway
aGA08 - 8 Port FXO Gateway
aGA160 - 16 Port FXS Gateway
aGA016 - 16 Port FXO Gateway

Warranty Info

1 Year hardware warranty

Operating Temperature : 10°C to 40 C (50 F to 104 F)
Operating Humidity : 10% to 90%, Non-condensing
Storage Temperature : 0°C to 50°C (32°F to 122°F)
Storage Humidity : 5% to 95%, Non-condensing

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FC CE

E1/T1 PRI GATEWAY
(Enterprise*)

Up to 2 SPAN interface

128 ms DSP based Echo Cancellation

Transcoding (Voice coding G.711 A-law/u-law, G.722 G.729AB) licenses included

Fax Pass-through

Flexible Call Routing

* Performance might vary in a call center environment.

DESIGNED &
MANUFACTURED IN INDIA

This enterprise level gateway supports up to 60 simultaneous calls, has onboard DSP for Line Echo Cancellation and all codec transcoding licenses are included.

Includes on board clock for synchronization. This unit will convert PRI lines to IP and vice versa. Can also handle fax through the optional FXS ports. A new PHP based user interface will allow easy configuration and display status of spans and channels.

Features

- Up to 2 SPAN interface
- Flexible call routing
- Transcoding (Voice coding G.711 A-law/u-law, G.722 G.729AB) licenses included.
- Fax pass-through.
- PHP based web interface.
- 128 ms DSP based echo cancellation
- Up to 60 simultaneous VoIP to ISDN PRI calls
- E1/T1 PRI ports with programmable NET/CPE modes
- Support SIP v2 (RFC 3261 complaint)
- Register with up to 5 SIP service providers
- ISDN network clock synchronization for error-free communication
- Interoperable with all the major-brand soft switches and IP-PBXs
- PIN authentication for accessing trunks to prevent unauthorized usage
- Call detail records
- Web-based configuration and management

Product Models

aGP1 - 1 Port PRI Gateway
aGP2 - 2 Prots PRI Gateway
aGP1-FXS - 1 Port PRI + 2 FXS (Fax only)
aGP4 - 4 Port PRI Gateway
aGP8 - 8 Port PRI Gateway

Warranty Info

1 Year hardware warranty

Operating Temperature : 0°F - 70°F
Storage humidity : 5% - 90%, Non-condensing
Unit Weight : 640 g
Dimensions : 320x180x60mm
Power Input : 100 - 240 VAC; 50/60 Hz; 0.5 A
Power Output : 12.0 VDC; 3.5 A

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BRI GATEWAY
(4 & 8 Ports)

Up to 8 Port ISDN BRI with programmable NT/TE modes.

Flexible Call Routing.

Voice coding G.711 A-law/u-law, GSM, SPEEX, G.729AB*

Fax Pass-through

DSP based Hardware Echo Cancellation

DESIGNED &
MANUFACTURED IN INDIA

Available with 4 and 8 ports, this stand alone ISDN BRI gateway supports 2 simultaneous calls per span.

Built in DSP based Line Echo cancellation guarantees highest voice quality. The gateway can be easily configured thanks to a user friendly web based user interface. Use this gateway to connect ISDN BRI lines to the IP world.

Features

- 4 or 8 Port ISDN BRI with programmable NT/TE modes
- Flexible call routing
- Voice coding G.711 A-law/u-law, GSM, SPEEX, G.729AB*
- Fax pass-through
- Echo cancellation
- Up to 16 simultaneous VoIP to ISDN BRI calls
- Support SIP v2 (RFC 3261 complaint)
- Register with multiple SIP service providers
- ISDN network clock synchronization for error-free communication
- Interoperable with all the major-brand soft switches and IP-PBXs
- PIN authentication for accessing trunks to prevent unauthorized usage
- Call detail records
- Web-based configuration and management

Product Models

aGB4 - 4 Ports BRI Gateway
aGB8 - 8 Ports BRI Gateway

Warranty Info

1 Year hardware warranty

Operating Temperature : 41°F - 104°F (5°C - 40°C)
Storage humidity : 5% - 90%, Non-condensing
Unit Weight : 22.6 ounces (640 g)
Dimensions : 25.5 x 21.0 x 4.5 cm
Power Input : 100 - 240 VAC; 50/60 Hz; 0.5 A
Power Output : 12.0 VDC; 3.5 A

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GSM GATEWAY

aGG4- 4 Port GSM Gateway

4 GSM ports for communication over a SIP-to-cellular connection

Send Bulk SMS

Open API interface (AMI)

Flexible call routing

Auto Provisioning

DESIGNED &
MANUFACTURED IN INDIA

Allo GSM gateway is a standalone VOIP gateway with 4 GSM channels, provides GSM voice connectivity and SMS capabilities to IP-PBX applications.

This is designed to reduce the cost of communication in enterprise by providing substantial savings on long distance toll charges.

With friendly GUI and simple modular design, SMBs and SOHOs may easily setup their customized Gateway. It supports originating and receiving calls along with SMS messages sending and receiving and group sending and SMS to email. The GSM Gateways are compatible with most of the SIP based PBX's including Asterisk™, 3CX™, Elastix™ etc.

Features

- 4 ports for communication over a SIP-to-cellular connection
- SMS Sending and Receiving Support USSD service
- Send Bulk SMS
- SMS to E-mail
- SIM Balance Alarm
- Caller ID Black List
- Call Duration Limitation for particular SIM.
- Call Back
- Call Forwarding (unconditional, no reply, busy, not reachable)
- Open API interface (AMI)
- Gateway control via SMS.(Reboot, Reload, Fetching IP)
- Recharge of SIM balance via GUI.
- Flexible call routing.
- Auto Provisioning.
- Configuration and management using a Web browser.

Target Applications

- GSM connectivity for IP PBX
- Mobile PBX
- GSM VoIP gateway
- GSM Callback Service
- SMS Service.

Technical Specifications

▸ **GSM**

- 4 GSM Moduleswith single SIM card per GSM Module.
- Quad-Band GSM 850/900/1800/1900 MHz
- External Antenna.
- Echo Cancellation support inbuilt in GSM Module

▸ **SIP**

- SIP (RFC3261) compliance
- NAT support.
- Voice codecs: G729, G.711 A/U law.

▸ **Network**

- Protocols: DHCP, TCP/UDP, Telnet, HTTP, TFTP
- Two 10/100 Mbps Ethernet interfaces.

Warranty Info

1 Year hardware warranty

Operating Temperature : 0°C - 40°C
Operating Humidity : 10% to 90%, Non-condensing
Storage Temperature : 20°C to 70°C
Storage Humidity : 5% to 95%, Non-condensing
Power Supply: 100-240VAC, 50 - 60 Hz IN, 12V/2A OUT

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Pricing Information

Digital/Analog VoIP Gateways

Sl. No.	Description	Reseller Pricing (USD)	MSRP Pricing (USD)
1	1 port PRI Gateway	500	650
2	1 port PRI Gateway + 2 FXS	575	725
3	2 port PRI Gateway	685	950
4	4 port BRI Gateway	475	650
5	4 port FXS Gateway	200	270
6	4 port FXO Gateway	210	280
7	2 port FXO + 2 port FXS Gateway	220	300
8	4 module GSM Gateway	309	429
9	3 module GSM Gateway	270	375
10	2 module GSM Gateway	235	325
11	1 module GSM Gateway	200	280

* The above price is for orders totaling (2k-4k)

For orders $4k and above, please contact us

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