

GSM GATEWAY

VoIP



BLUE GATE SIP

- VoIP / GSM Gateway
- proxy SIP Server and client
- Codecs G.711u, G.711a, G.726, GSM
- LCR

VoIP
SIP



Bi-Bande)))



Presentation

Alphatech completes its range of GSM gateway integrating SIP protocol. Featuring the same functionalities as our analog and digital gateways, the BLUE GATE SIP completes the Gateway range with IP SIP: with its IP connectivity, it fits naturally all new generation of IPBX/SIP solutions.

With an intelligent call routing (LCR), get always best costs for GSM calls. The Blue Gate SIP can also backup your VoIP infrastructure and avoid total break down of telephone for your company in case of internet failure.

BLUE GATE SIP has IPBX features: Once configured in SIP proxy server, you can register up to 10 IP phones directly on the Gateway.

Features

- **VoIP / GSM Gateway** 1 channel.
- **Standard SIP client**, can be easily integrated with most of IPBX market.
- **SIP server**, can substitute to IPBX and register up to 10 IP phones on gateway.
- **Smart Call Back** : The gateway saves in memory all outgoing missed calls. So, if the mobile which was called call back, Blue Gate SIP automatically forward the call to the initiator internal phone.
- **SMS mail**, send and receive SMS to mail
- Integrated LCR , enables the delivery of outgoing calls on GSM channel depending on the caller and called.
- **WEB Management**, the gateway includes web server for easy configuration.
- **CLIP**, Send the CLIP to IP PBX
- **Quad band** 850,900,1800,1900 MHz

TECHNICAL DATA

Parametres

- Operating position :
 - > Temperature : +5°C à +40°C
 - > Humidity : 10% / 80% à 30°C
- Dimensions : 130mm x 100mm x 37mm
- Weight : 400g

- Alimentation max 15VA power supply
- Protections : Thermal fuse in adapter
- Safety group: CSN EN 60950 group 2 .

VoIP

Signaling: SIP v2

Number of channels: 1

Codecs : G711u, G.711a, G726, GSM

VAD (Echo cancellation)

Protocols:

IP, TCP, UDP, HTTP, TELNET, SIP, RTP

Management : web, telnet

Interface :

LAN 10/100 Base-T, RJ45

Compatible:

All SIP v2 IPBX. Validated on Cisco Call Manager, Alcatel OMNI PCX, Asterisk, Nexspan, Panasonic...

GSM

- 1 GSM channels
- Bands : 850,900,1800, 1900MHz
- GSM module: Telit GE864
- Power : 2W

- SIM card: 3V or 1,8V
- Antenna: SMA female, 50 Ω impedance
- Echo cancellation
- PIN Code
- CLIR

