

## BlueGate SIP

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



ALPHATECH completes its range of GSM gateways integrating SIP protocol. Featuring the same functionalities as our analog and digital gateways, BlueGate SIP completes the Gateway range with IP SIP: with its IP connectivity, it fits naturally to all new generation of IP PBX/SIP solutions.

With an intelligent least call routing (LCR), you can always achieve the best cost reduction on GSM calls.

The BlueGate SIP can also backup your VoIP infrastructure and avoid a total breakdown of telephones for your company in case of internet failure.

BlueGate SIP has got IP PBX features: Once configured in SIP proxy server, you can register up to 10 IP phones directly on the gateway.

### Features

- VoIP/GSM Gateway with 1 or 2 channels
- Standard SIP client, it can be easily integrated with most of IP PBXs on the market
- SIP server, it can substitute an IP PBX and register up to 10 IP phones on the gateway
- Smart CallBack: The gateway saves in memory all outgoing missed calls. So, if the called party calls back, BlueGate SIP automatically forwards the calling party to the correct extension line
- SMS mail sends and receives SMS to mail
- Integrated LCR enables routing of GSM calls according to the calling and called party
- WEB management - the gateway includes a web server for easy configuration
- CLIP - sends CLIP to PBX
- Dual-band GSM 900/1800MHz

## Specifications

- Operating position:
  - Temperature: +5°C to +40°C
  - Humidity: 10% / 80% at 30°C
- Dimensions : 133mm x 233mm x 60mm
- Weight: 850g
- Alimentation max 15VA power supply
- Protections : Thermal fuse in adapter
- Safety group: CSN EN 60950 group 2

## VoIP

- Signaling: SIP v2
- Number of channels: 2
- 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

- 2 GSM channels
- Bands: 900/1800MHz
- GSM module: Siemens TC35i
- Power: 2W
- SIM card: 3V or 1,8V
- Antenna: SMA female, 50Ω impedance
- Echo cancellation
- PIN Code
- CLIR

