

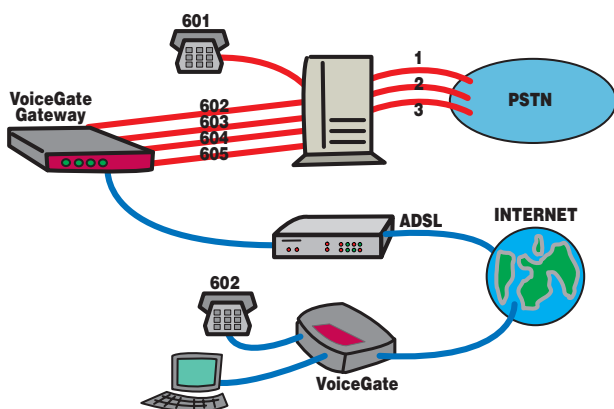
VoiceGATE Gateway FXO

DESCRIPTION

VoiceGATE Gateway FXO is the latest born in the VoiceGATE family.

VoiceGATE Gateway FXO differs from standard versions as for the implementation of the analog ports in FXO mode (Foreign eXchange Office).

The 4 analog ports of VoiceGATE Gateway FXO simulate phones, that can be connected to the PABX extensions to remote them.



With a couple of VoiceGATE (one Gateway and one standard) you will be able to take up to 4 PABX extension anywhere.

For example, in your branch office the telephones will be PABX extensions with the advantage to work in the main office and in the peripheral office using the same resources.

Like all the other products of the VoiceGATE family, all the main analog Codec (G.711A/u-Law, G.723.1 G.729) are implemented besides the management function for the Echo cancellation, the CGN and VAD, that are typical of the latest generation VoIP devices. VoiceGATE Gateway FXO supports the H.323 v3 standard, the most performing VoIP standard, that guarantees the compatibility with the most vendors.



Code: 8E4137

Applications

- VoIP device 4 Analog Ports FXO
- Interfaces with Switchboard Extensions
- Interfaces with Public Lines
- ITSP applications (Internet Telephony Service Provider)
- Remote PABX extensions

Voice over IP Functions

- VoIP capability H.323 v3
- Codec support G.711, G.723.1, G.729
- Numbering support E.164
- Registration to the Gatekeeper
- T.38 Fax mode support
- VAD support (Voice Activity Detection)
- CNG support (Comfort Noise Generate)
- Address Book functionality (No Gatekeeper)
- QoS management with ToS function (Type of Service)
- Echo cancellation standard G.168 - G.165
- Dynamic Buffer Jitter

Hardware

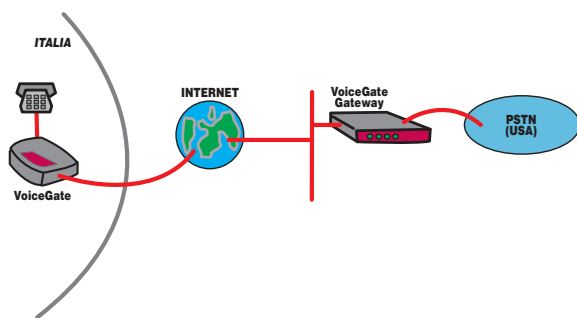
- 4 FXO analog POTs (simulates the phone)
- Detection polarity inversion of PSTN line
- CLI detection in FSK mode
- DTMF Generation/Detection
- DTMF call
- 1 Ethernet port 10BT
- Console serial port
- Configuration:
 - Web based
 - Telnet
 - TTY on serial port
- TFTP/FTP Upgradable

VoiceGATE Gateway FXO

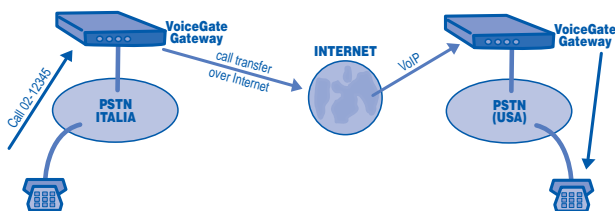
The configuration of VoiceGATE Gateway FXO is very simple, as it can be setup via Browser, Telnet or through the serial port.

VoiceGATE Gateway FXO can operate in Gatekeeper mode, that is registering to a Gatekeeper as a gateway, or in direct mode with the Address Book functionality present on the Ethernet and ADSL versions of VoiceGATE.

It can also operate connecting to the Telecom Operator line; so you will be able to make long distance calls, paying for a local call.



Another typical application is the one of the new Telecom Operators that offer international services at very competitive prices thanks to the VoIP technology. It is possible to carry out a Line to Line application connecting the local lines of two countries. By calling a certain number in a country, a VoIP call will activate and the telephone line will be engaged in the other country; at this point you must only select the number to be called in that country.



1. Dial 02-12345
2. Wait for USA dial tone
3. Dial the number to call in the USA

Led Indicators

- Line 1-4
- Power
- Link/Activity
- Ready
- Status: Registration to the Gatekeeper

Size and Weight

- 221 x 217 x 42 mm
- Built-in Power supply 100-240 Vac
- 1,5 Kg

Certification

- CE Mark, FCC Part 15, Part 68
- Line side TBR21 compliant

VoiceGATE Gateway FXO supports also the "on hold" and the greeting message functions when operating in Gatekeeper mode, replacing a traditional PABX in any application.

