

# GSM Gateway

**2G GSM GATEWAY VOICE FXS-FXO - Code 8D5721**

- Connect your analog phone/PABX to the **GSM line**
- An analog phone line **always available**
- Save costs by turning your calls from “fixed-mobile” into “mobile-mobile”

## DESCRIPTION

Voice

2G GSM Gateway Voice Fxs-Fxo **simulates an analog line with Fxs port and connects through the FXO port to the PABX extension or to a Telecom line (for LCR application).**

With 2G GSM Gateway Voice Fxs-Fxo an **analog telephone line is always ready**; you can go on using the traditional phones without any connection to the fixed line, **saving the costs** of the analog line.

You will **perform “mobile-mobile” connections** at a more convenient cost than the “fixed-mobile” calls, keeping the **audio quality**.

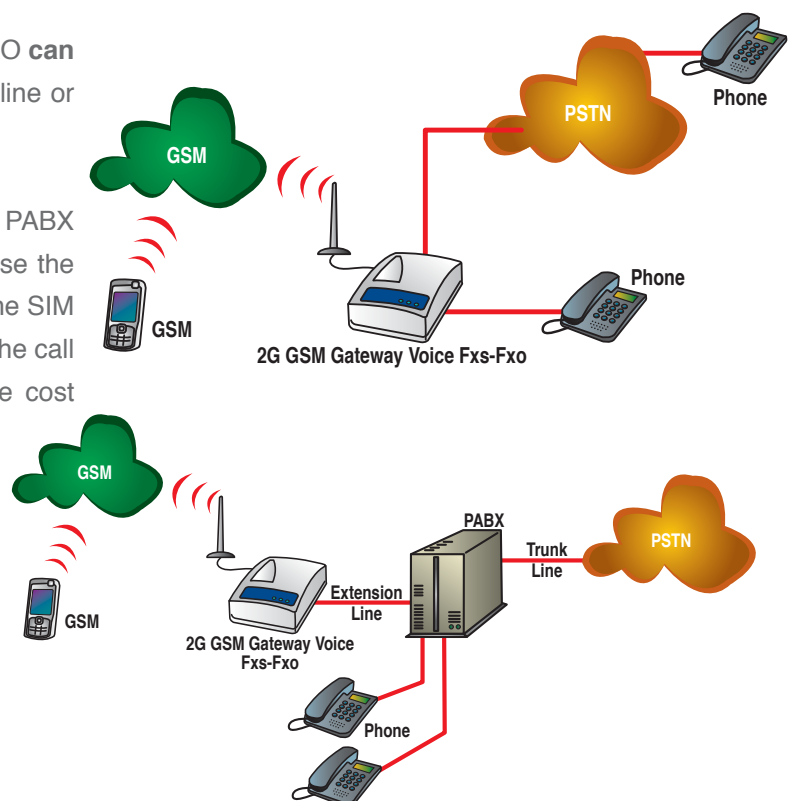
2G GSM Gateway Voice Fxs-Fxo is the ideal solution in **Small Office/Home Office applications** as well as in **residential** and rural installations (Wireless Local Loop).

In small offices, 2G GSM Gateway Voice Fxs-Fxo **can be easily connected to the PABX** as trunking line or extension line based on the applications.

When dialing the mobile number to be called, the PABX automatically, or detecting a preset prefix, will use the GSM network instead of the analog line. Using the SIM present into 2G GSM Gateway Voice Fxs-Fxo, the call will be “mobile-mobile” with considerable phone cost savings.

With 2G GSM Gateway Voice Fxs-Fxo you can use the services offered by the GSM Telecom Operator, that is, you will be able to receive calls out of the office with the **call diversion service** and to organize **Call Conference** calls.

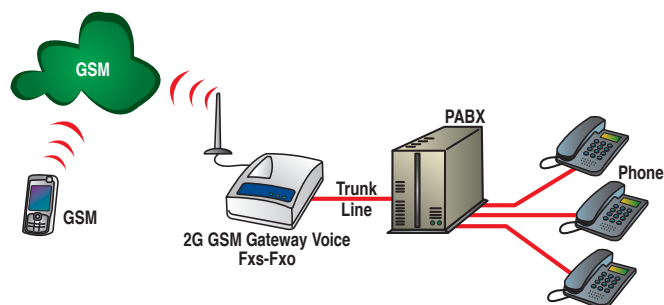
In order not to miss any active call, you can enable the **call waiting** on 2G GSM Gateway



Voice FxS-FxO so that a beep informs you of a new incoming call; you can **put on hold** the first call and answer the second one.

When 2G GSM Gateway Voice FxS-FxO is connected to both the lines (1 to a Phone, 1 to a Telecom line) it becomes a **smart device able to route the call to the correct line**, based on the internal voice call table.

If you dial a call to a mobile phone, 2G GSM Gateway Voice FxS-FxO will use the GSM line instead of the PSTN line. When you dial a landline call the Gateway will route the call to the fixed line, saving the cost.



## TECHNICAL FEATURES

### GSM/GPRS

- GSM network type Dual-Band 900/1800 MHz
- GSM Module: GSM
- Output power: Class 4 (2W) in GSM at 900MHz and Class 1 (1W) in DCS at 1800MHz
- Plug-in SIM card (1,8V - 3V compatible)

### Phone Interface

- FXS Voice Interface
- FXO Voice interface
- 1 RJ11 Connectors for FxS port
- 1 RJ11 Connectors for FxO port
- Dialing type: Tone (DTMF)

### Connection

- Voice call

### Power supply

- External adapter
- Input: 100-240 VAC / 50-60Hz / 0,5A
- Output: 12VDC / 1.0A

### GSM Antenna

- Dual-Band Omnidirectional Antenna included
- SMA Connector
- Impedance: 50 ohm
- High gain omnidirectional external antenna (optional)
- High gain directional external antenna (optional)

### Other

- Dimensions: 115 x 80 x 45mm
- Operating Temperature: from 0°C to +45°C
- CE Mark and Rohs compliant

