

GSM Gateway

2G GSM GATEWAY ANALOG MODEM - Code 8D5651

2G GSM GATEWAY ANALOG MODEM BATTERY - Code 8D5655

M2M

- GSM Gateway with **Analog Line Interface**
- **Voice and Analog Modem** function support
- **Connect** your device with analog modem to the **GSM line**

DESCRIPTION

Digicom 2G GSM Gateway Analog Modem **simulates a PSTN analog line** where the traditional fixed line is not available or where it is not convenient to take it.

Thanks to 2G GSM Gateway Analog Modem a PSTN telephone line is always ready and you will be able to send your data without connecting to the fixed line, **saving the costs** of the analog line.

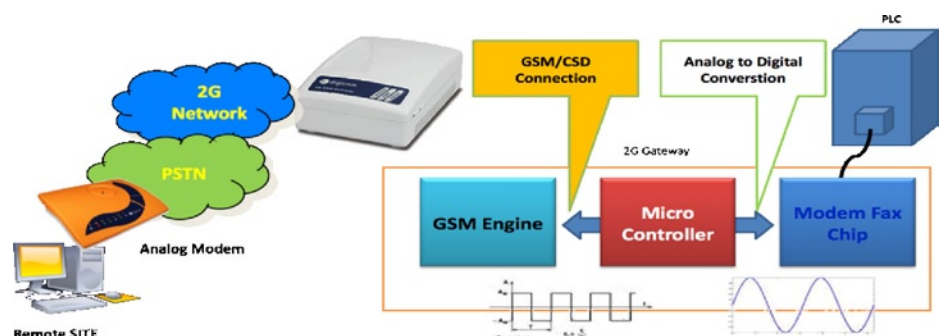
Also analog phones and phone number dialers can use 2G GSM Gateway Fax in order to **perform “mobile-mobile” connections** at a more convenient cost than the “fixed-mobile” calls, keeping the **audio quality**.

The **main and particular feature** of this version is **the possibility to convert an analog modem (V.22 up to V.32) and to transfer it over the GSM network**.

In this way you can connect all the devices that integrate an analog modem to Digicom’s Gateway and go on using them normally with no need of the traditional line.

2G GSM Gateway Analog Modem **can be used in alarm control units** equipped with modem communicator, SOS totem, telemetry, industrial devices remotely controlled via modem (without serial port).

It can be also used **to convert analog POS in GSM versions** in case of switching over the VoIP line where the modem traffic is more difficult as it has “converter” functions between the analog and the GSM world.



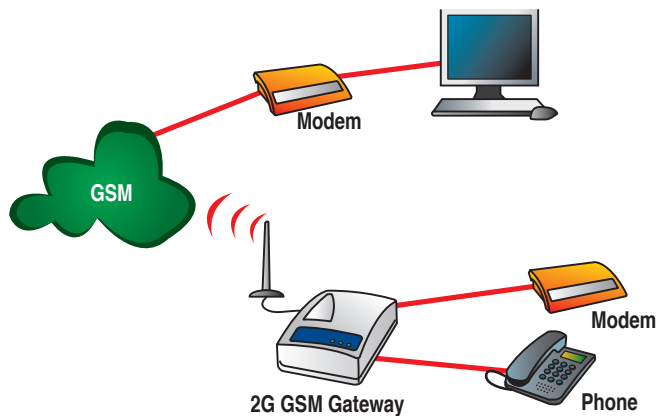
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2G GSM Gateway Analog Modem also supports **Voice functions**. It is then possible to exploit the same device both for modem and voice transmission.

The range is completed by **2G GSM Gateway Analog Modem Battery** equipped with an **internal backup battery** that guarantees the calls even when power is off.



TECHNICAL FEATURES

GSM/GPRS

- GSM network type Dual-Band 900/1800 MHz
- GSM Module: GSM
- Output power:
 - Class 4 (2W) in GSM at 900MHz
 - Class 1 (1W) in DCS at 1800MHz
- GPRS Class 10
- Plug-in SIM card (1,8V - 3V compatible)

Phone Interface

- FXS Voice Interface
- 2 RJ11 Connectors (voice and fax)
- Off-hook AC impedance: 600 ohm
- On-hook line voltage: 48VDC
- Off-hook line current: 25mA
- Dialing type: Tone (DTMF)
- Ringing voltage: 38 VAC rms - REN: 3

Connection

- Analog Voice call
- Analog Modem support from V.22 to V.34 (maximum speed suggested V.32)
- Modem online speed 9600 bps (max)
- Automatic answer support
- V.42 error correction (modem) and RLP (GSM)
- Non RLP mode support (transparent)

Power supply

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

Battery Backup (2G GSM Gateway Analog Modem Battery)

- Standby time: about 3 hours (*)
 - Talk time: about 1 hour and 30 minutes (*)
- (*) The battery life depends on several factors, i.e. the operating temperature of the device and the quality of GSM signal

GSM Antenna

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

Data Interface

- Data interface: USB 1.1 (2.0 compatible)
- USB Connector

Other

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