GSM Gateway

2G GSM GATEWAY VOICE QB - Code 8D5650QB
2G GSM GATEWAY VOICE QB BATTERY VERSION - Code 8D5651QB

- 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"**
- **Quad-Band module** for worldwide use

DESCRIPTION

Digicom 2G GSM Gateway Voice QB **simulates an analog line** where the traditional fixed line is not available or where it is not convenient to take it.

Thanks to 2G GSM Gateway Voice QB 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.
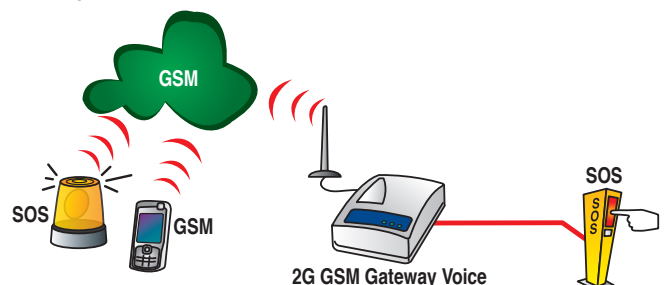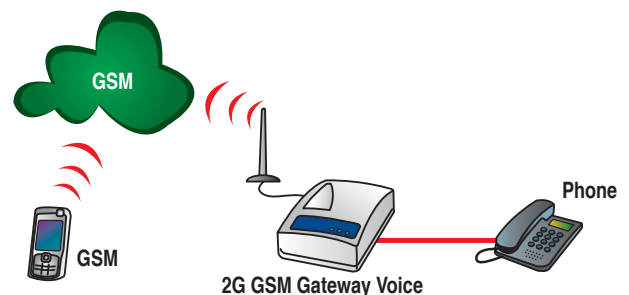You will **perform "mobile-mobile" connections** at a more convenient cost than the "fixed-mobile" calls, keeping the **audio quality**.

2G GSM Gateway Voice QB 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 QB can be **easily connected to the PABX** and it becomes the second line.
When the mobile number is dialed, the PABX automatically or by detecting a prefix, will use the GSM network instead of the analog line. Using the SIM present into 2G GSM Gateway Voice QB, the call will be "mobile-mobile" with considerable phone cost savings.

Have you an analog phone with display? Through 2G GSM Gateway Voice QB the caller ID number (**CLI**) will be displayed.
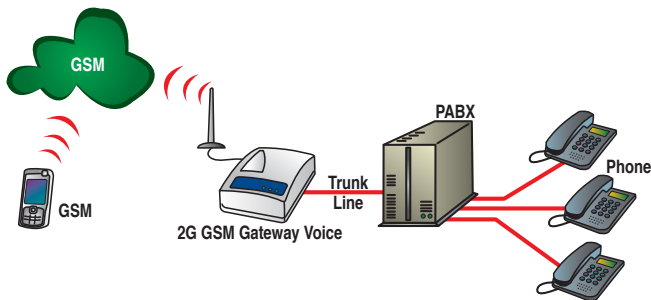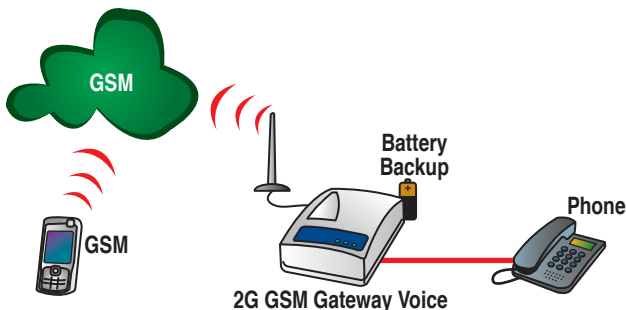
GSM

GSM

Phone

2G GSM Gateway Voice

GSM

GSM

SOS

SOS

2G GSM Gateway Voice

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With 2G GSM Gateway Voice QB 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 QB so that a beep informs you of a new incoming call; you can **put on hold** the first call and answer the second one.

The range is completed by **2G GSM Gateway Voice QB Battery** equipped with an **internal backup battery** that guarantees the operation even when power is off. A secure advantage that increases the reliability of 2G GSM Gateway Voice QB!

TECHNICAL FEATURES

GSM/GPRS
- GSM network type Quad-Band 850/900/1800/1900 MHz
- GSM Module: GSM
- Output power:
  - Class 4 (2W) in GSM at 850/900MHz
  - Class 1 (1W) in DCS at 1800/1900MHz
- Plug-in SIM card (1,8V - 3V compatible)

Phone Interface
- FXS Voice Interface
- 2 RJ11 Connectors (voice)
- 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
- Voice call

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

Battery Backup (2G GSM Gateway Voice Battery version)
- 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)

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

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