

GSM Gateway

2G WLL - Wireless Local Loop

- Connect your analog phone to **GSM line**
- Phone line **always available**
- Calls from “**PSTN-mobile**” to “**mobile-mobile**”
- **Easy** connection to PABX
- Send/Receive data up to **85 Kbps**

Voice+Fax+Data+SMS

DESCRIPTION

It simulates a traditional PSTN line where this one is not available!

Turn your “PSTN-mobile” calls into “mobile-mobile” calls!

Connect your PC to Internet via GPRS.

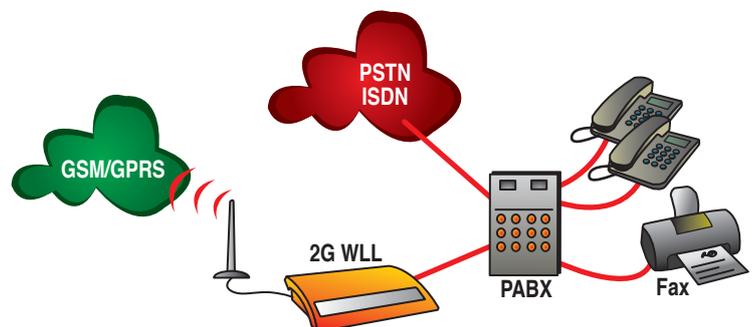
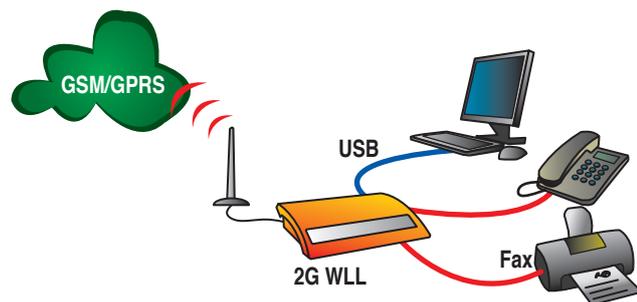
Digicom 2G WLL **simulates an analog line** where the traditional PSTN line is not available or where it is not convenient to take it.

You can connect your analog phone to GSM line with Digicom 2G WLL, in this way you will be able to call a mobile phone using your home phone as it were a mobile phone, saving the costs.

Thanks to the FAX G3 functionality, besides the voice, data and SMS functionalities, 2GWLL is the ideal solution for small office/home office applications as well as in residential and rural installations.

Connect 2G WLL to the PABX and, automatically if the PABX allows it, or dialing a preset prefix, you will be able to call GSM users using the SIM present into 2G WLL.

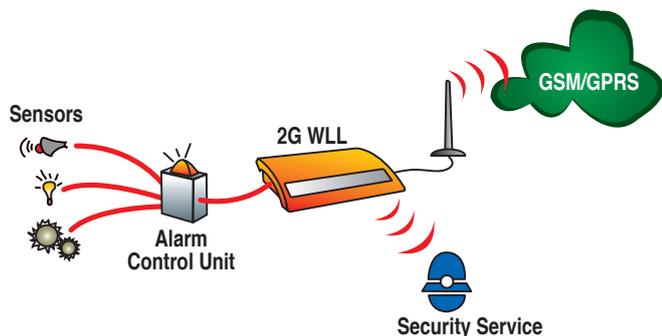
You will perform “**mobile-mobile**” connections at a more convenient cost than the “PSTN-mobile” calls.



2G WLL 06/05/2008

2G WLL has an **internal backup battery** that guarantees its operation even when power is off.

If you need to connect your phone controller to your alarm control unit, you can connect it to 2G WLL and,



without any additional configuration, the phone calls will be made through the GSM network.

Internet and E-mail always available. Digicom 2G WLL is also a GPRS/GSM USB modem to be always online.

TECHNICAL FEATURES

GSM/GPRS

- GSM network type Quad-band 850/900/1800/1900 MHz
- GSM Module: GSM/GPRS TM2
- Transmitter power: Class 4 (2W) for EGSM at 850/900MHz and Class 1 (1W) for DCS at 1800/1900MHz
- GPRS Class 10
- SIM card: 3V compatible (Plug in, small)

Phone and Fax Interface

- Voice Interface: FXS
- 2 Connectors: RJ11 6/2 (voice and fax)
- Off-hook AC impedance: 600 ohm
- On-hook line voltage: 48VDC
- Off-hook line current: 25mA
- Dialing type: Tone (DTMF), Pulse (optional)
- Ringing voltage: 48 VAC rms - REN: 3
- Metering pulses generation: 16 KHz (optional)
- Polarity reversal (optional)

Connection

- Voice call
- Analog Group 3 fax
- GPRS up to 85Kbps
- Short Messaging Service (SMS)
- CSD up to 9.6 Kbps

Power supply

- External adapter
- Input: 100-240 VAC / 50-60Hz / 0,5A
- Output: 9VDC / 1.0A

Battery Backup

- Standby time: 8h
- Talk time: 2h

GSM Antenna

- Quad-Band Omnidirectional Antenna (included)
- Connector type: SMA
- 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)
- Connector type: USB mini B
- Driver: Windows Vista, XP, 2000

Other

- Dimensions: 180x137x40mm
- Operating Temperature: -0°/55°
- Wall mount kit (optional)
- Leds: Power/Error, Status, Mode, Memory, Battery
- CE Mark and Rohs compliant