

ISDN Gateway

2G GSM-ISDN Gateway - Code 8E4450

- Turn the calls from “fixed-mobile” to “mobile-mobile”
- **Saving the costs**
- **Easy** connection to ISDN PABX (NT and TE)
- **2 GSM module**
- **2 voice calls management** simultaneously
- Remote programming and management

ISDN Interface

DESCRIPTION

Turn your “fixed-mobile” calls into “mobile-mobile” calls!
It simulates a traditional ISDN line over the GSM network.

Just connect 2G GSM-ISDN Gateway to the PABX.

As the **NT and TE interfaces** are supported simultaneously, it is possible the connection to PABX as trunk or extension.

If the PABX allows it, or dialing a preset prefix, automatically you will be able to call GSM users using the SIMs present into 2G GSM-ISDN Gateway

2G GSM-ISDN Gateway is equipped with **2 integrated GSM modules** to perform **2 GSM calls simultaneously**.

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

Digicom 2G GSM-ISDN Gateway **simulates an ISDN line** where the traditional line is not available or where it is not convenient to take it.

Internet and E-mail always available as the device can operate also as a USB modem to be always online. Furthermore you can send and receive SMS simply and quickly.



TECHNICAL FEATURES

GSM

- 900/1800 MHz Dual-Band module
- Output power: Class 4 (2W) in GSM at 900MHz and Class 1 (1W) in GSM at 1800MHz
- NT or TE connections in P-P or PMP mode
- 2 Voice channels
- Data and SMS via USB port (with proprietary commands)
- ISDN SO interface, EDSS protocol, impedance 100Ω as RJ45 connector
- Remote management and access via GSM
- Graphic user interface over Windows® platform
- Easy configuration through Windows® utility
- Access protection through password
- Power supply: 12-24V DC, 1A max
- SIM card: 3V (Plug in)
- SMA antenna connector, impedance 50Ω
- Light LED indicators
- Temperature range: from 0°C to +40°C
- Weight: about 1 Kg
- Size: 170x165x35 mm

HARDWARE INTERFACE

- 2.0 USB port
- 2 RJ45 connectors for NT or TE connections
- 2 SIM holders
- 2 SMA connectors for GSM antennas
- Power plug
- LED: power status, operation, ISDN line status

GSM PERFORMANCES

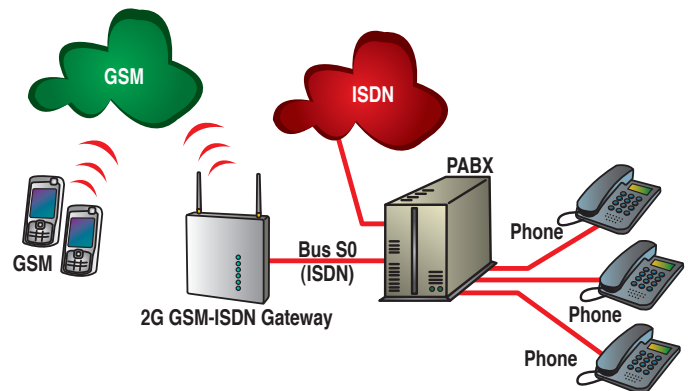
- Voice and emergency calls (TCH/FS)
- High-Quality voice connections (EFR audio coding function)
- Audio Codec support:
 - Half Rate (HR)
 - Full Rate (FR)
 - Enhanced full rate (EFR)
- Echo canceller
- SMS in MT/MO/CB/PDU mode
- Non transparent data transmission mode
- CSD up to 14,4 Kbps
- USSD
- V.110

GSM SUPPLEMENTARY SERVICES

- Number displayed on the called user's phone
- No number displayed on the called user's phone
- Caller number displayed
- Rerouting of calls
- Charge information
- Block of outgoing calls
- Block of international outgoing calls
- Block of incoming calls
- SIM and Network block

SUPPORTED STANDARDS

- **EMC:** EN 301 489-1/7, EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3
- **ETS:** TBR 3, TBR 3 A1
- **Health & Safety:** EN 50371, EN 6095



For further information
visit our website
<http://www.digicom.it>