

BLUE GATE ISDN

- SMS Server
- LCR
- Remote control
- DISA / OGM / CLIP

Reduce your bills; manage your GSM calls...

Optimize the management of your telecom infrastructure with our Blue Gate ISDN GSM gateway.

Reduce significantly your telephone bills by routing your mobile calls of your PABX through our Blue Gate ISDN GSM gateway.

You will be able too to **extend your PABX of some lines** very quickly, or to develop sites far from built-up areas.

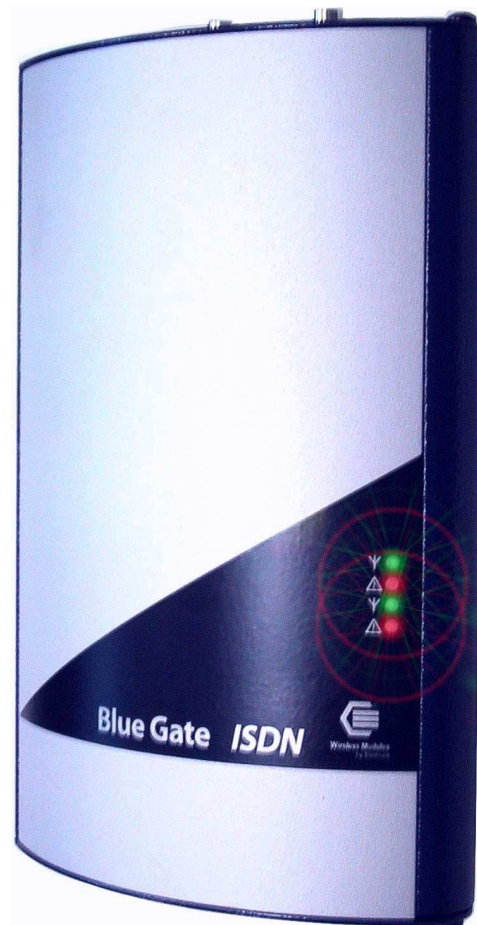
The gateway becomes an „**emergency lines**“ device when PSTN lines are broken and let your company keep in touch in all situations.

Very **simple installation** with the **provided Software**.

BlueGate ISDN declines itself in two versions:

- **A Synchro version** for the PBX having available Bri This version is useful for PABX requiring a synchro (diagram 1 in following page)
- **A Router version** ideal for small companies having a small capacity PBX and not wishing to invest in another Bri access. It makes it possible to divide a Bri port, to treat GSM calls and route other calls through ISDN network (diagram2).

Smart Call Back – How does it work: When a call from PBX extension is made to a mobile and the mobile do not pick up „missed Call“ the gateway stores the miss call number. When the mobile call back „missed call“ the gateway recognize the called number and transferred automatically to the extension



Benefits

- Possibility to use 1 or 2 SIM cards
- Sending SMS * compatible with your email software (POP)
 - Number of the recipient mentioned in the object
 - Multi users on a single gateway via LAN network of the company (1 license only ²)
- Remote management * (with a data SIM card only)

* Option / ² Software option

Blue Gate ISDN

- ISDN 1 Router (1 SIM card)
- ISDN 1 Synchro (1 SIM card)
- ISDN 2 Router (2 SIM cards)
- ISDN 2 Synchro (2SIM cards)

Air Interface Standard

- Dual band GSM: 900 and 1800 MHz

Frequency ranges

	<u>Transmission</u>	<u>Reception</u>
• GSM 900	890-915 MHz	935-960 MHz
• GSM 1800	1710-1785 MHz	1805-1880 MHz

Dimensions and Weight

- Metric (mm) 140*240*65
- Weight 1,5 Kg. (3,0 lb.)

Consumption

- Maximum 15 watts

Box

- Metallic box

SIM Card

- SIM compatible: 3 v and 1,8 v

- Outgoing message for DISA. 10 seconds recording per OGM module (OGM) *
- LCR
- Router Version or Synchro version
- Fax Transmission in G4 Mode
- Send the CLIP to PBX (incoming calls)
- Calls without sending the phone number possible (from version 5.4)
- Manufactured with Dual band GSM Modules TC35i or MC55i
- Smart Call Back (version 6.5)
- Call Baring: Outgoing / Incoming
- Customizable taxation

AC/DC Switching Power Supply (included)

- Voltage 230 v/ 9v – 1 A
- Frequency: 50/60 Hz

Environment

- Storage Temperature range: -5 °C ÷ 50 °C
- Operating Temperature range: +5 °C ÷ 40 °C
- Humidity: 10% to 80% at 30 °C

Connections

- 1 RJ 45 for T0 connexion
- 1 RJ 45 for synchro connexion
- 1 or 2 mini FME connectors for antenna
- 1 Connecteur jack d'alimentation
- 1 Connector DB 9 for management (RS 232)
- 1 Connector DB 9 for SMS (RS 232) *

LED Indicators (for each SIM card)

- Up indication for SIM card inserted (Green)
- Up indication for operating(transmitting) (Red)
- Front indication for connection to the GSM network (Green)
- Front indication for failure on the gateway (Red)

Antennas

- Dipole magnetic antenna with 3 meters of cable
- Optional higher gain antennas available (Yagi)