

## MiniGate A

- CLIP
- Tax 12/16 kHz
- Reverse polarity
- FXS (analog phone or PBX CO line)
- Standalone use
- SMS server
- USB port
- Plug and Play installation



MiniGate A helps you to reduce the cost of your calls from fixed to mobile phones

Due to MiniGate A you can reach all mobile offices and construction sites which are far from built up areas.

Programmable call barring table restricts undesired calls independently on PBX.

Simple installation – plug and play – the gateway is in operation immediately.

With POP email software (SMS mail – running under Outlook) you can have more than a voice device, you are able to enhance it to a mobile office unit. You will be able to send SMS as you send emails from your email client usually.

### Benefits

- Possibility of autonomous use or as a replacement of a network line
- Possibility to connect the gateway to an analog PBX CO line
- Sending and receiving SMS\* fully compatible with your email software (POP)
- Reverse polarity feature
- Programming by PC via USB port
- Sending CLIP to the PBX
- simple connection to a standard analogue phone
- Manufactured with Dual Band SIEMENS GSM Modules TC35i or MC55
- Tax pulses 12 or 16kHz for billing
- Restriction of outgoing calls
- Compatibility with LCR systems
- Dynamic ECHO cancelation

\* software option

## Models

- Voice/Data/ SMS\*: Mini Gate A – 1 GSM channel (1 SIM card)

*\*With PC and using SMS mail software*

## Specifications

### MiniGate A

- Operating position: various
- Operating conditions
  - Temperature: +5 °C ÷ +40 °C,
  - Humidity: 10÷80 % at 30 °C
- Dimensions and weight
  - Metric (mm) 90×60×27
  - 0,8 kg
- Part of power supply
  - Supply voltage 230 V (±10 %) (adapter)
- Power input max 15 VA
- Protection – thermal fuse in adapter
- Safety group - CSN EN 60950 group 2

### Standalone use with a standard phone



### Analogue Telephone line

- Telephone interface – 2-wire
- Telephone connector – RJ 11
- Impedance - 600Ω ±20 %
- Dial
  - Tone DTMF  $t_t > 30$  ms
  - Pulse 28-200:20-200ms
- Supply conduction symmetrical 24 V
- Ringing 55 Vef / 50 Hz
- Current loop max. 38 mA
- Resistance of subscribers conduction max. 500Ω
- Signalization 425 Hz ±20Hz
- CLIP - FSK Bell, BT, DTMF

### PBX CO line use



### GSM

- Mobile network – compatible for GSM 900 and GSM 1800MHz
- Provider - according SIM card (3V and 1.8V)
- USB version 1.1, virtual COM