

## GSM Door Entry Phone

# GSM-VarioBell

### VarioBell family of analog, GSM and IP intercoms

- ▲ **GSM 850/900/1800/1900MHz**
- ▲ **Dialling keypad with access codes**
- ▲ **1 to 87 call buttons**
- ▲ **Surface or flush mounted installation**

**Modular  
concept**

**Hearing  
impaired  
status  
LEDs**

**Front of  
1.8mm  
thick  
aluminium**



### Presentation

GSM-VarioBell door entry phone is a modular system and therefore flexible, allowing you to make up the door phone size required. Quad band GSM module with your SIM card inside ensures seamless wireless use anywhere worldwide.

- Main module with 0, 1 or 2 call buttons
- Expansion module with 5 or 10 call buttons
- Dialling/access code keypad is used for calling numbers stored in the memory of SIM card, for direct dialling of numbers and for direct entering of access codes for opening the door
- Hearing impaired friendly system - status colour LEDs indication – call in progress, call active, door open
  - Optional hearing induction loop
- Real time from the GSM network (Clock from GSM)

### Features

- Hands free GSM phone communication
- GSM based wireless door intercom
- Memory for users and numbers is limited by capacity of the SIM card only (max. 250)
- Up to 87 call buttons and keypad
- Dialling and access code keypad
- Each call button can have up to 7 phone numbers dialled consecutively if the dialled number is busy or unreachable
- 2 relays with switching contact
- Relays can be controlled remotely by ringing, by DTMF code during the call, by code from keypad, by pressing a call button, etc.
- Optional backup battery for up to 35hrs standby operation
- Input 0/5V for connecting an alarm or checking opened/closed gate
- Status LEDs for hearing impaired and for indication of doorphone's activity
- Optional hearing induction loop
- Door access codes are limited by the memory capacity of the SIM card only
- SMS text messages with notifications on events, e.g. when specific user opened the gate by ringing, when the access code was used to open a gate
- Voice signalling on individual events (e.g. „Wait for connection, please“)
- Voice messages can be translated to any language
- Easy operation and setup
- Just insert a GSM SIM card, connect GSM antenna, a power supply and optionally an electrical lock and you can start using the GSM VarioBell intercom

GSM-VarioBell modular system with up to 87 call buttons and dialling/access code keypad

Main audio modules with zero, one or two call buttons with info window or window with doorphone status LEDs

and optional hearing induction loop

1. ringing 2. active call 3. door open



Expansion modules with five or ten call buttons, keypad module, large informative window and blind modules



GSM-VarioBell surface boxes with frame and rain hood for installation on the wall

GSM-VarioBell flush boxes with frame and optional rain hood for installation into the wall



## TECHNICAL DATA

### GENERAL

- Operating conditions:
  - > Temperature: -20 to +50°C
  - > Humidity: 10% / 80% at 30°C
  - > Quadband GSM module GE864
  - > SIM card 3V / 1.8V
- Power supply 12(9-24V)AC/DC,min.500mA
- GSM networks 850/900/1800/1900MHz
- Protection rating: IP44
- SIM card pre-programming or
- SMS text or Windows PC programming

### Call buttons and keypad

- 0-1-2 up to 87 call buttons
- Max length of phone number is 24 digits
- Each call button can use up to 7 numbers
- Max length of door access code is 10 digits

### Other

- Max. voltage of relay:48V at I below 1A
- Max. current of relay: 2A at U below 30V
- Relay activation by code for up to 99 sec.
- Relay activation by SMS for up to 99 min.



1. ringing 2. active call 3. door open

