

CG2 Security control panel with GSM communicator



SMS



Arming

By keypad
By free of charge call



Messaging

SMS into mobile phone
TCP/UDP to monitoring station



Configuration

On-site via USB
By sending SMS

Control panel CG2

It's a main part of whole indoor burglar-alarm system, which arms the system in three arming modes:

- Alarm system is armed
- Alarm system is armed in STAY
- Alarm system is disarmed

Arming modes are turned on



By free of charge call. Control panel rejects call when it changes arming mode. Up to 40 phone numbers can be stored into a phonebook. Ignores unknown calls.



By Paradox® keypad K636, MG32LED, MG10LEDV or MG10LEDH.*



By changing state of input set as zone ON/OFF by devices having a commutated output.

Messaging

To 2 IP addresses of monitoring station by TCP/UDP via GPRS and/or via SMS. Transmission is in accordance with Contact ID.

and/or

To 2 mobile phones of User by changeable content SMS. About event User can be informed by free of charge call.

Features

Six inputs to connect various detectors. Six outputs to connect and control various signaling devices.

It's possible to arm the alarm system in STAY mode. It allows to roam freely within the premises while perimeter is fully armed.

Bypassing a zone allows to deactivate specified zone the next time the system is armed.

It's possible remotely to switch on/off the electrical engineering equipment connected to.

A power supply unit powers sensors and security devices with direct 12 V voltage. While alternating power supply has failed control panel, detectors, signaling devices are powered by backup battery. When alternating power supply is restored backup battery is recharged and stays in idle mode automatically. Control panel reports about supply failure.

Configuration



On-site via USB cable



By sending SMS in established form

* Control panel sends confirmations about sent commands performing

| | |
|---------------------------------|---------------------------------------|
| Power supply | 16-18 V AC |
| Current | up to 2 A |
| Backup power supply | battery 12 V, 4-7 Ah |
| Six inputs IN1, ..., IN6 | type can be set as NC, NO, EOL=2,2 kΩ |
| Outputs PGM1, PGM2, PGM3 | open collector type, 30V, 50 mA |
| Outputs PGM4, PGM5 | open collector type, 30 V, 1,5 A |
| Output PGM6 | relay output switching 30 V, 1 A |
| Supplies auxiliary devices | 12 V DC, up to 1,1 A |
| Control codes | 40 |
| Frequency | 900/1800/1900 MHz |
| Transmission protocol | TCP/UDP or/and SMS |
| IP addresses | 2 |
| Phone numbers of SMS receivers | 2 |
| Messaging to monitoring station | in accordance with Contact ID |
| Phone numbers of User | 2 |
| Messaging to User | changeable content SMS |
| Operating temperature range | from -10°C to +55°C |
| Dimensions | 120x80x16 mm |

1 set. Security module CG2: control panel CG2, straight GSM antenna, 4 fittings, battery connecting cable, 6 resistors 2,2 kΩ.

2 set. Security module CG2 KIT: control panel G2, metal housing with tamper, step-down transformer, AC connector with fuse, battery connecting cable, 6 resistors 2,2 kΩ.