

ZEUS4-MC

GSM/GPRS alarm communication control system

ZEUS4-MC is a sophisticated GSM/GPRS (3G/UMTS optional) alarm communication control system that is designed to ensure low-cost, high-speed and reliable alarm communications. It can be used as a backup for standard PSTN telephone line in the event of failure or as a replacement for standard telephone line when it is not possible to set it up. ZEUS4-MC acts as normal PSTN telephone line when communicating with Central Monitoring Station through Contact ID protocol, but it uses GSM network. Events can be transferred to the server installed in Central Monitoring Station via **GPRS-TCP/IP** connection.

ZEUS4-MC has 4 output trouble indications and 4 alarm inputs. Each alarm input, when alarm is triggered, sends a Contact ID event, alarm beep and SMS messages separately or all at the same time to up to 10 different telephone numbers and 2 Central Monitoring Stations for Contact ID protocol.

ZEUS4-MC also gives an end-user the ability to control certain systems from distance by Caller ID - CLIP* command or by SMS. There is a new option called "CID to SMS", the end-user can receive alarm events in text format on personal GSM phone.



* CLIP - Calling Line Identification Presentation

Applications

- Backup for standard PSTN telephone line
- Standalone telecommunication unit instead of PSTN line
- Money save in offices: GSM to GSM calls from desk phone (FCT – Fixed Cellular Terminal)
- Alarm panels with built-in digital communicator
- Automatic voice and digital telephone dialers
- Standard telephone sets
- PABX – private telephone branch exchanges

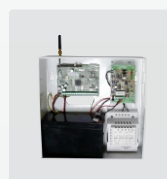
Features

- Built-in 4 band GSM module - Cinterion
- Full transparent event reporting through Contact ID protocol
- Contact ID (CID) protocol built-in
- CID to SMS - receiving alarm events in text format
- Transfer of events to CMS via GPRS-TCP/IP connection
- 4 alarm inputs, 4 remotely controlled trouble status outputs
- GSM Priority input, System ON/OFF input
- F-OTA function – FirmWare (FW) reprogramming Over The Air
- SMS alarm and service messages
- Memory stores up to 10 different telephone numbers and 2 numbers for the CMS
- PC programming by USB port or programming by SMS
- 10 Caller ID remote & access control users
- Up to 1000 event log buffer
- Certificates: EN50131-1, EN50136-1-1, EN50136-2-1

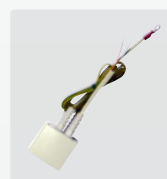
Technical Specifications

Power Supply	13,8 - 15,0V DC
Battery backup (optional)	12V/1,2Ah
Current consumption - transmitting mode	250mA
Current consumption - idle mode	90mA
4 (2G) or 5 (3G) band GSM module	850/900/1800/1900 MHz
PCB dimensions	105 × 80 mm
Unit dimensions	120 × 170 × 60 mm
Unit dimensions - IP56 box	155 × 220 × 82 mm
Antenna SMA	1
Weight (without battery)	550g

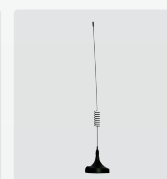
Accessories



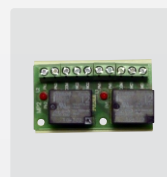
POWER SUPPLY
BACKUP BATT BOX



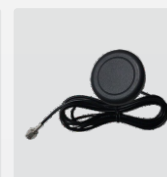
Tel. line overvoltage
protection



External antenna
(cabel lenght 3 m)

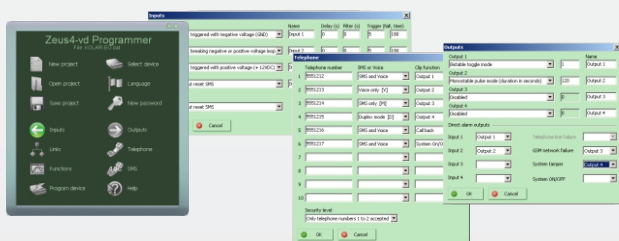


Relay board



Outdoor GSM
antivandal antenna

Programming PC Software



Mars Commerce

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