GSM JAVA communicator **CGK5**

GSM – GPRS equipment

we are wave experts...

● OPENING GATEWAYS, DOORS - GSM KEY

● AIR CONDITION CONTROL, HEATING CONTROL

● DATA COLLECTION FROM VARIOUS SENSORS

● DATA TRANSFER FROM CARS/MOBILE EQUIPMENT

Description

GSM JAVA communicator CGK5 is GSM-GPRS equipment for remote controling and monitoring technology via mobile phone or from PC. It is designed mainly for M2M communication and can be used in large various of applications according to software used inside.

Programme your application

Device is based on JAVA platform so it is possible to write your own apllication software into the unit. For programming you can use JAVA J2ME language. We can also create software according to your request in company Conel.

Module and interfaces

• Module SIEMENS TC65 inside
• 1 × RS232
• 1 × USB-B (drivers delivered)
• 4 × binary inputs 3 – 30 V
• 2 × relay outputs 500 mA, 30 V

Supports

• TCP, UDP, HTTP, FTP, SMTP, POP3
• possibility of remote software update via GSM network

Examples
gateway opening
garage door opening
moving sensors alarm
remote pump starting
AC on/off
heating on/off
etc.

GPRS
SMS
ringing
calling
e-mail

GSM mobile operator network
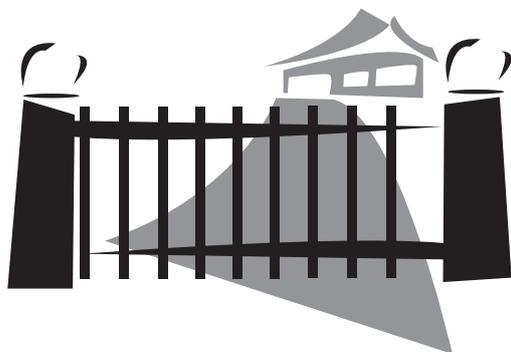
GSM key

GSM key apllication of module CGK5 is designed for remote gates, door, barriers opening from mobile phone. It is possible to open just by ringing so the operation cost is ZERO. The system is completely safe – just permitted numbers stored in the unit can do it (administration accessible by password).

Software GSM ADMIN gives you opportunity to manage user numbers in CGK5 from computer – good for hotels, companies etc. You have full control over access, you can check open/closed state, getting SMS messages on acccess, power failure and much more...

Features GSM key

- **opening doors by ringing or SMS**
  (e.g. 2 ringings gate, 4 ringing garage door) - zero operation costs
- **set up group of permitted users (300 maximum)**
- **software GSM Admin for PC advanced administration**
- **events record (1000 last events)**
- **family houses, medium sized companies, hotels**
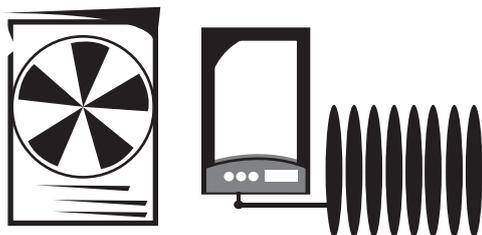
Air condition and heating control

CGK5 module is suitable for remote controling and monitoring AC and heating in the house/cottage/company etc. Via simple SMS - for example "AC on" or "AC off" you can start/stop AC from your mobile phone. You can also send state message and to receive answer on state (AC or heating on/off). It is possible to define numbers for access and many other features...

User equipment

- on/off SMS or ringing
- state, configuration SMS
- state SMS, confirmation SMS
- calling
- failure/alarm SMS

- e-mail
- GPRS

GSM mobile operator network

CGK5

- AC and heating control
- Moving sensors, alarm
- Diesel agregate
- Water pump
- Night object lightning
- etc.

Front view
• SIM • LED • USB-B • RS232

Back view
• inputs/outputs • power • antenna
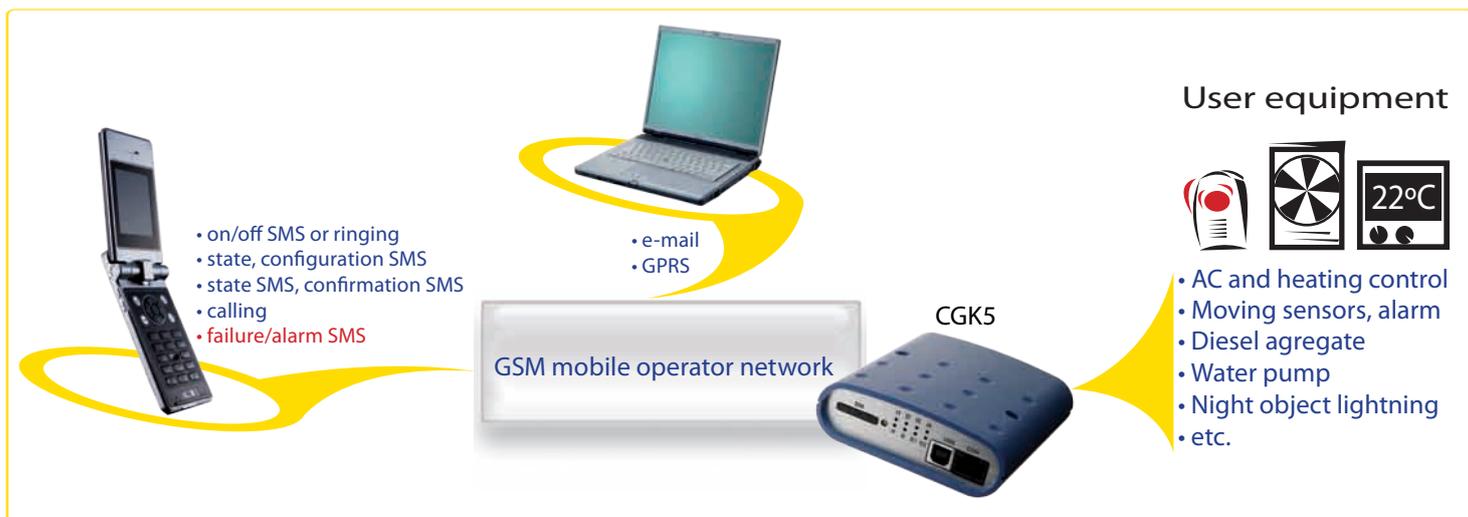
TECHNICAL SPECIFICATION

Module	SIEMENS TC65 Java
Frequency Bands	EGSM900, EGSM850, GSM1800, GSM1900
Temperature range	function: -20 °C to +55 °C storage: -40 °C to +85 °C
Supply voltage	10, 8 to 15,6 V DC 21,7 to 30 V DC
Dimensions	30 × 90 × 102 mm
Weight	150 mg
Mounting	DIN list 35 mm possible
Antenna connector	FME 50 Ohm
User interface	1 × RS232 1 × USB 2.0 - B 2 × relay outputs 4 × binary inputs

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