

GD-04K

GSM COMMUNICATOR



GSM

Output control by mobile phone



SMS

Status reporting by SMS messages



EASY

Easy installation



10 MIN

Quick settings



NOW, ALSO WITH
A MOBILE APPLICATION



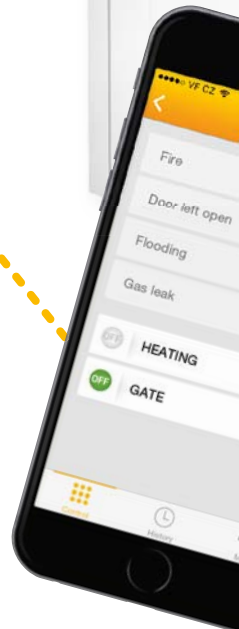
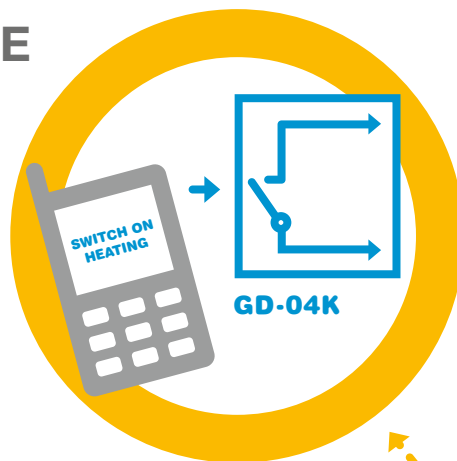
Reliable Control and Communication

The GD-04K is a GSM communicator and alarm. It remotely controls appliances and reports various statuses by means of SMSes or ringing. Everybody understands it, because it reports everything to a mobile phone. Its reports warn e.g. of fire, gas leaks and flooding. You can use it to comfortably switch on and off any appliances from anywhere.

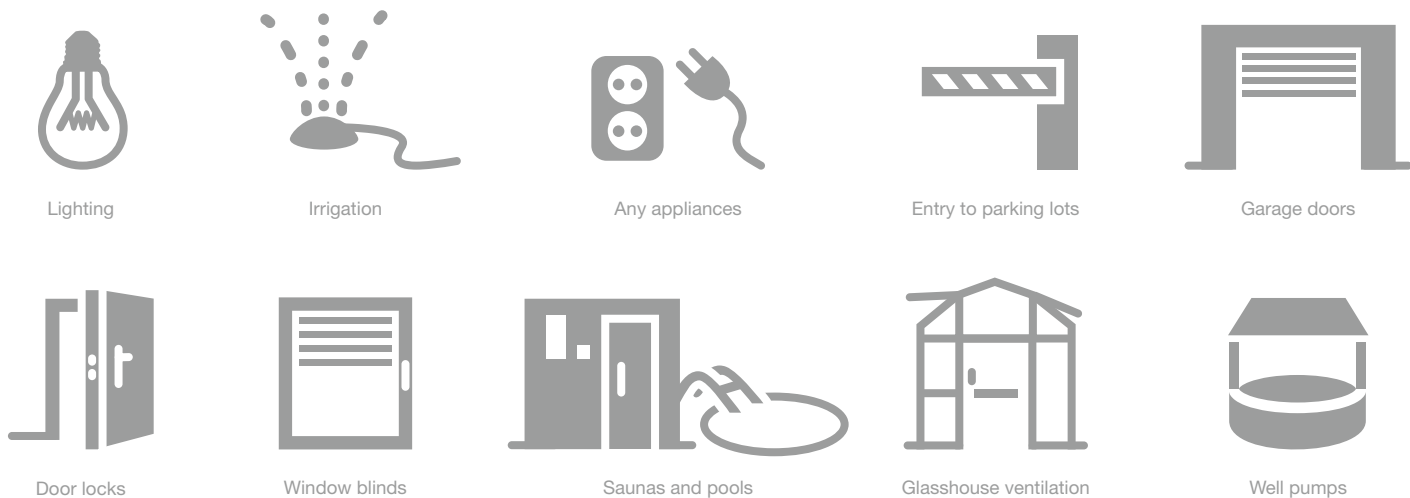
RELAYS CONTROLLED BY MOBILE

Two output contacts (X and Y), each with an output of 2.5 A/250 V can be used as:

- **Switches controlled by SMS.** For switching each contact on and off you can preset your own text (such as “switch on the light”, “switch off the light”, and “close the blinds” and “open the blinds”). The GD-04K can confirm execution of the command by an SMS.
- **Time switches** controlled from a mobile phone (the switching time can be preset within the range of 1 s to 10 hrs).
- **Relays controlled by phone calls.** You can preset up to 100 authorized phone numbers for each relay. If a preset number calls, the call is not answered but the relay reacts (as a switch or time switch). The phone call to the relay is free of charge. This option is convenient for example for opening a parking gate, unlocking a door lock, switching lights etc. The number of uses can be preset for the eligible numbers. For example you can permit a customer to open the parking gate 30 times before his access is denied. The facility manager can then permit further entries by an SMS.
- **A relay controlled by a mobile or web application.** You can comfortably control outputs through an intuitive and user-friendly application on a mobile phone, tablet or PC.



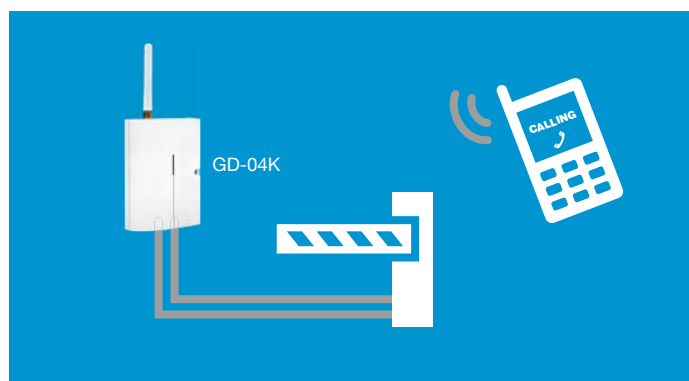
GD-04K CONTROLS

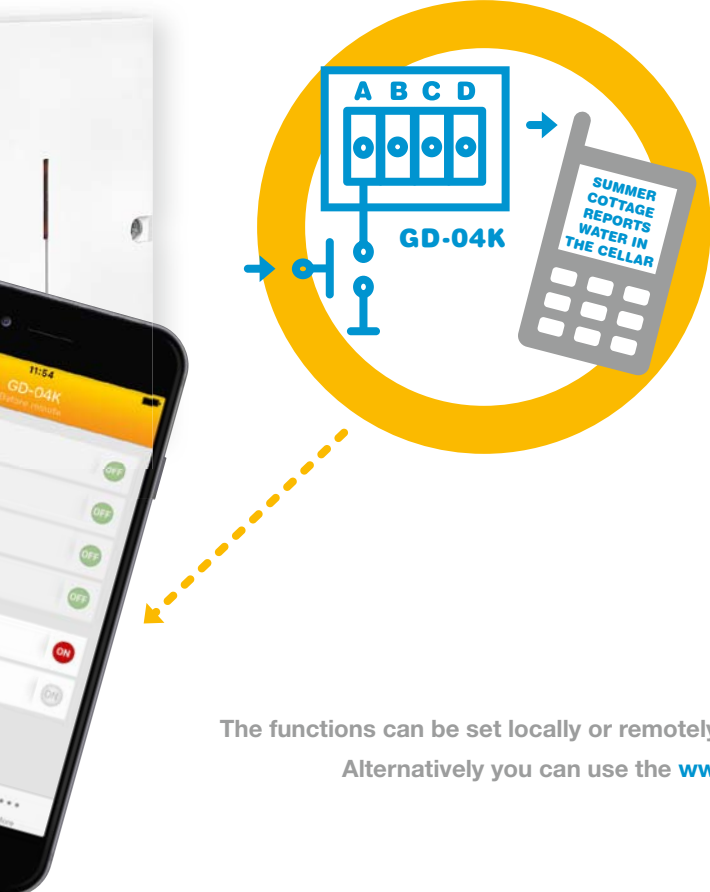


EXAMPLES OF USE

Entrance Gate Opening

- An entrance gate can be controlled by a free unanswered call.
- Up to 100 telephone numbers for output control can be selected.
- A credit of up to 99 entries can be present for every number.





REPORTING TO MOBILES

Four input terminals (A to D) can report switching on and off by an SMS message (such as “freezer power cut” and “freezer power supply resumed”).

- ▶ Each SMS message can be up to 30 characters long. Up to 100 telephone numbers for message sending can be set.
- ▶ An SMS message can be notified to the recipient by a scotch call to the addressee by GD-04K not to be answered.
- ▶ A report on the current status of the GD-04K’s input terminals and GD-04K’s output relays can be requested remotely by an SMS command.
- ▶ The GD-04K can confirm its operation every day by ringing you at a preset time.
- ▶ Credit check and notification for prepaid SIM cards.

The functions can be set locally or remotely via the Internet with the use of the GD-Link configuration software. Alternatively you can use the www.david.jablotron.cz/gd-04/ setting website or a programming SMS.

GD-04K REPORTS



Fire



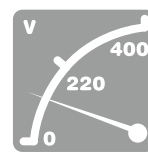
Flooding



Dangerous concentration of CO



Gas leak



Power cuts



Device failures



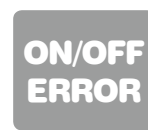
Garage door left open



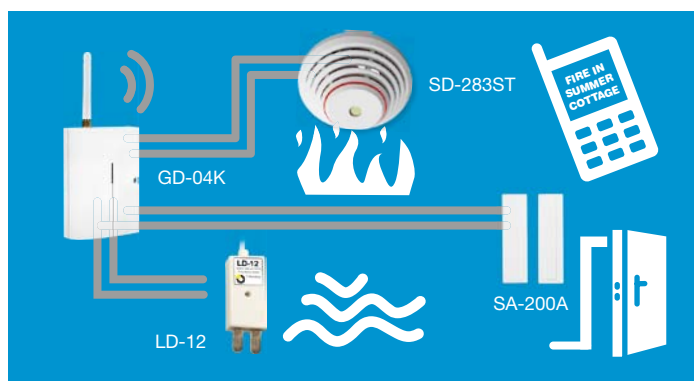
Unlocked doors



Regular checks



Device status



Critical Condition Monitoring

- ▶ Detectors can monitor various conditions in the building.
- ▶ An SD-283ST smoke detector reports signs of fire.
- ▶ An LD-12 hard-wired flood detector reports a rising water level.
- ▶ An SA-200A detector reports door opening.

ACCESSORIES

GD-04A backup power supply module



This is an upper cover for the GD-04K with a battery and charging electronics. The GD-04K activates it in the case of a power cut for 12 – 24 hours (depending on the GSM signal strength and the relay status).

SD-283ST smoke and heat detector



Reports an arising fire. It uses a siren for local signalling. Through the GD-04K it notifies the user by SMS or ringing. It complies with the legal directive on the technical conditions of the fire protection of buildings.

LD-12 flood detector



The detector senses flooding or exceeding a water level limit. The detector is connected to the input of a JA-81M for the wireless activation of SMS sending from the GD-04K. The LD-12 is a hard-wired version of the flood detector.

GS-133 gas leak detector



The JA-80G gas leak detector warns about leaks of flammable gas with its inbuilt siren and activates SMS sending. Its output can directly control an electrical valve at the gas inlet.

Ei208W carbon monoxide detector



Warns against the presence of carbon monoxide (CO) and the danger of poisoning. It uses a siren for local signalling. It notifies the user by SMS or ringing through the GS-208-CO module and GD-04K.

Ei208DW carbon monoxide detector with display



Warns against the presence of carbon monoxide (CO) and the danger of poisoning. It uses a siren and a display for local signalling. It notifies the user by SMS or ringing through the GS-208-CO module and GD-04K.

GS-208-CO wired module for connection to the Ei208W(D) CO detector



Used to establish a wired connection of the CO Ei208W or Ei208DW stand-alone detector to the GD-04K. It is designed as a plug-in module that is directly installed into our stand-alone CO detectors.

SA-200A opening detector



Responds to opening a door or window. It notifies the user by SMS or ringing through the GD-04K. Our product range also offers several opening detector designs.

Technical Parameters

Power supply	11 – 13 V DC (a 110/230 V mains adaptor is included)
Consumption	25 mA in idle state/max. 200 mA
Operating frequency range	850/900/1 800/1 900 MHz (GSM/GPRS)
Rating of outputs	250 V AC / 5 A
Output switching period in impulse mode	adjustable from 1 s to 10 h in 1 s increments
Method of input activation	connection to GND
Backup time with the use of the GD-04A module	up to 24 hours
Environment	II. General Interior (–10 °C to +40 °C)
Size (without antenna)	76 × 110 × 33 mm

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