

# CA-GSM-1 Alarming Unit with GSM Communication

**CA-GSM-1-LCD** Alarming Unit is designed for monitoring conditions in buildings (especially in livestock buildings) and informing the User by means of **GSM** communication (**SMS**, **CLIP**) about irregularities (alarm situations).

The alarming unit interoperates with a **SIM** card of any operator what enables to choose the best communication conditions and optimum costs. It is possible to connect to the alarming unit **sensors** of temperature (up to 5 pieces), humidity and others, e.g. carbon dioxide and ammonia and **read their indications** remotely, **check their status**, **control** interoperating devices and, first of all, establish them as sources of alarm signals (e.g. temperature too high, too low).

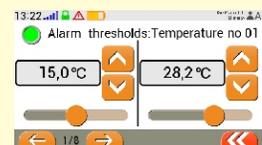
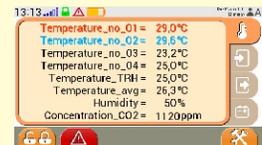
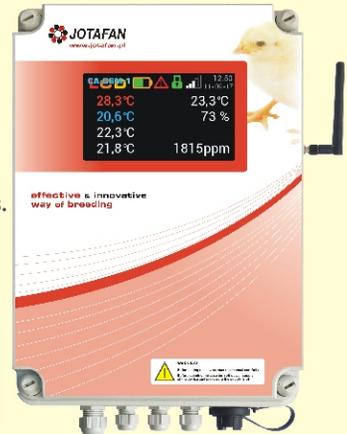
The alarming unit can be operated by means of **the CA-GSM-MOBILE application for mobile devices with Android system** which is used for easy operation of basic functions of many CA-GSM-1-LCD alarming units by means of a graphic interface, SMS communication and a PC computer with Windows system – the JOTAFAN software is used for configuration of the alarming unit and full access to its parameters and settings).

The CA-GSM-1-LCD alarming unit is equipped with a **230 V buffer power supply with a battery** what enables operation of the alarming unit in case of the failure of external power supply. The battery charging and check system provides its long service time and it indicates an alarm in case of errors in its circuit.

The alarming unit is equipped with: **8 two-state inputs** (configuration: 4 - NO/NC/EOL/2EOL, 4 - NO/NC), one 0..10V input, **one relay output** (24V, 200mA, contacts NO, NC, C), 4 two-state outputs (one high-current with 1A electronic protection, the others of OC 100mA type), **two 0..10V** (5mA) outputs, two RS-485 buses: one for external devices, e.g. the RHT-01 sensor and the other one for PC connection, a USB port to connect a PC computer.

**The opportunities of the CA-GSM-1-LCD alarming unit:**  
 large easy-to-read touch LCD graphical display with an intuitive menu making the User's work easier  
 convenient monitoring of current values from installed sensors and inputs and outputs that are switched on  
 easy editing of alarm thresholds (on the display of the alarming unit by means of a touch panel, mobile application or PC computer)  
 displaying parameters of the operation of the alarming unit and the building (e.g. current temperature, carbon dioxide concentration), alarm messages and the history of operation  
 up to 8 phone numbers to operate the alarming unit  
 SMS messages of up to 160 characters with the function of informing about selected current parameters (e.g. temperature, GSM range, status of inputs and outputs, etc.)

In our offer there is a possibility to modernise the CA-GSM-1 alarming unit to the new CA-GSM-1-LCD alarming unit with a graphical LCD display and a touch panel. The mobile application and software for PC computer can be downloaded from the JOTAFAN website.



Scan the QR code  
and find out more