

Features:

- users: 8 phone numbers, 8 email addresses, RopamBasic application and RopamDroid,
- 8 inputs, of which 6 NO / NC inputs (I1-I6) and 2 NO / NC GND / + 12V or 0-10V inputs, 4-20mA,
- 4 controlled outputs via SMS, CLIP, DTMF, RopamBasic, system events, LogicProcessor,
- 1 AUX power supply protected (1A),
- FAC input for controlling AC voltage, eg alarm control panel,
- SMS / CALL / E-mail notification (independent messages for events in the system),
- VOICE / CLIP voice connection: an independent voice call for events in the system with voice messages,
- support for TSR-x temperature sensor series, GSM thermostat,
- support for USSD codes by means of RopamBasic / SMS (pre-paid card control and change of services),
- automatic control of pre-paid cards (minimum amount),
- RTC clock, calendar, GSM network synchronization or NTP server
- option of uploading and playing 8 voice messages,
- remote programming via GPRS (RopamBridge server),
- alarm module, functions of the alarm control panel,
- intuitive visualization and control of alarm panels,
- GSM jamming detection (jamming): output status reporting and recording in the event log,
- microUSB for local programming (USB-USBmicro),
- GPRS monitoring: cooperation with the RMS or Kronos NET station / server, encrypted TCP / IP transmission, two IP addresses, backup SMS transmission, parallel work with the SMS / VOICE notification mode,
- event memory; 1000 events with overwriting
- possibility to add a local LCD-HMI-D4M display

LogicProcessor:

- advanced logic functions, arithmetic functions, counters, time relays,
- 10 independent logic conditions, (if-then-else blocks),
- 10 time relays for the implementation of time-logic functions,
- 4 calendar timers,

Appliance:

BasicGSM 2 terminals thanks to the built-in GSM modem, it is possible to transmit events from the system via SMS, VOICE, E-MAIL. SMS, CLIP, DTMF and mobile applications are used to control:

- notification for alarm systems,
- independent work as a simple alarm module,
- home automation systems, time relay functions,
- control systems via GSM network, binary signals I / O,
- devices restarter, AP in wireless WLAN networks,
- temperature control and supervision systems, e.g. server rooms, refrigerators (vaccines), cold stores, thermal processes,
- analog value control and supervision systems from sensors with 0-10V output, e.g. relative humidity, temp.
- temperature or parameter adjustment from AI, two-state regulator with hysteresis,
- control and supervision systems over transmission energy networks,
- control of technical processes, eg pumping stations, central heating boilers, breeding farms,



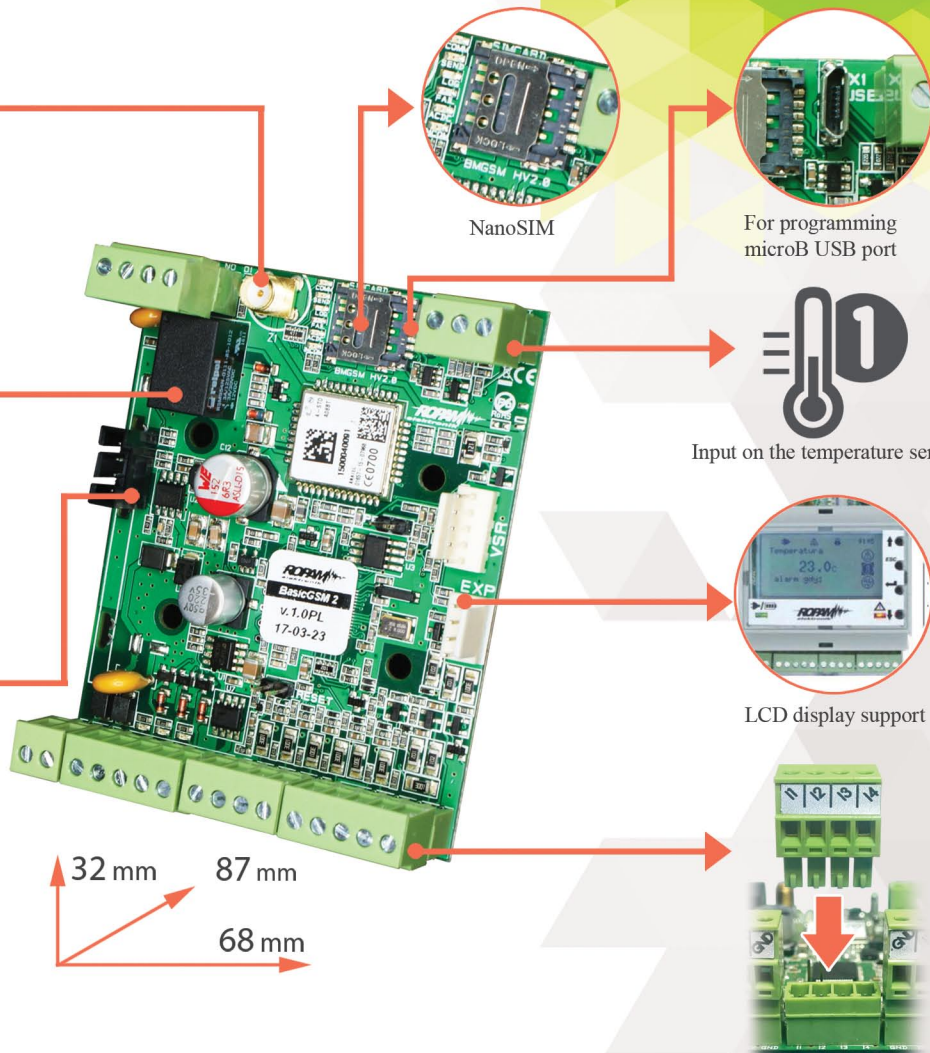
Versions:

Functionally, all versions are identical - they differ only in the way of power supply and housings.

Name	Housing	Power
BasicGSM 2	-----	12V / DC with DC voltage control, for power required supervised, intelligent, system power supply: PSR-ECO-2012
BasicGSM-D4M 2	housing for DIN rail, 4 modules width	
BasicGSM-BOX	ABS surface-mounted housing, gray with tamper protection, in addition a GSM antenna	
BasicGSM-PS 2	-----	17 ÷ 20V / AC or 20 ÷ 30V / DC (class III isolation), - built-in buffer power supply 12V / 2A,
BasicGSM-PS- D4M 2	housing for DIN rail, 4 modules width	

BasicGSM

GSM NOTIFICATION AND CONTROL MODULE
(GSM COMMUNICATION MODULE)



SMA antenna connectors

NanoSIM

For programming
microB USB port

Built-in relay


Input on the temperature sensor



LCD display support

Cooperation with a dedicated
PSR-ECO 2012 power supply

LogicProcessor

Separable terminal strips



Two analog inputs,
configurable: 0-10V or 4-20mA


 
Arm Disarm
Alarm module, functions of the control panel
and intuitive visualization
and control of alarm control panels


Remote programming
via GPRS


USSD
Automatic control of pre-paid cards,
the possibility of setting the minimum amount


e-mail notification


RTC clock with calendar,
synchronization with the
GSM network
or an NTP server


Up to eight voice messages



Mobile application