

Positrex)))

Tracking What Moves

GC055 GSM Alarm & House Control

GSM ALARM & HOUSE CONTROL GC055 IS A UNIQUE GSM REMOTE CONTROLLER WHICH HELPS PROTECT YOUR HOME AND GIVES CONVENIENT CONTROL OF ALL DEVICES IN THE HOUSE FROM A LCD TOUCH SCREEN DISPLAY, MOBILE PHONE OR VIA ANY INTERNET BROWSER.



MODEL	GSM	INPUT/OUTPUT	RELAY OUTPUT	AUDIO	DALLAS BUS
GC055001	Dual Band	5 x digital / analogue input * 2 x digital input / output * 1 x OC output	—	—	•
GC055011	Dual Band		•	•	•
GC055111	Quad Band		•	•	•

* Optional configurations

Application packages with configuration	Application description	Application characteristics - I/O
GC 055 XXX A	Set „A“	In 1 – Activate/Deactivate Alarm In 2 – Alarm input with delay In 3 – Immediate alarm input In 4 – Active input – fire sensor In 5 – Energy consumption meter Out 1 – Temperature control regulator / SMS Out 2 – Alarm siren Out 3 – Status indicator - Arm/Disarm Out 4 – Relay control of appliances by ringing – gate opening Dallas bus - thermometer, activation, deactivation of the alarm
GC 055 XXX H	Set „H“	In 1 - In 5 – Active inputs (SMS-calling-counters) Out 1 – Temperature control regulator / SMS Out 2 – Alarm siren Out 3 – Status indicator - Arm/Disarm Out 4 – Relay control of appliances by ringing Dallas bus - thermometer
GC 055 USER	User defined configuration	Specifically prepared configuration according to the customer's requirements.

GC055

UNIQUE GSM REMOTE CONTROLLER
WHICH HELPS PROTECT YOUR HOME

GSM Alarm & House Control

list of optional accessories

15V supply for DIN rail mounting	Key activation/deactivation Alarm - Wireless	Dallas Chip RFID Reader	Alarm siren
Battery backup for DIN rail mounting 8 hours	Keypad code activated alarm deactivation	Dallas RFID	Magnetic contacts
PIR motion detector - cable connected	Dallas chip reader identification chips	Relay contactor DIN rail mounting 10A / 230V	Smoke detectors
Wireless PIR motion detector	Dallas chip button	Meter with pulse output on DIN rail mounting	Comfort use control screen

TECHNICAL PARAMETERS

GSM	BAND	900 / 1800 MHz 850 / 900 / 1800 / 1900 MHz *
	SIM	SIM card Plug-in 1.8 V
	COMMUNICATION	Telephone, SMS, GSM Data, GPRS
	CALLING	Launch actions by calling – Free alarm calling – Call interception**
	SMS	SMS alarm, info, command, question, reply, setup, configuration change – up to 4 parameters in one SMS
	GSM DATA MODEM CONNECTION	Editing configuration Reading measured values Reading event memory Control values of outputs Upgrade Firmware
	GPRS INTERNET CONNECTION	Class 10 Support for static and dynamic IP and VPN UDP protocol Security transmitting symmetric 128-bit encryption All functions such as GSM data
IN/OUT	DALLAS BUS	For connecting temperature sensors, analogue converters, readers, identification chips and access cards. - Up to 10 thermometers or analogue inputs. - Up to 200 chips identification or access cards. Connection cables up to 100 m
	5 X INPUT 2 X INPUT/OUTPUT 1 X OUTPUT 1 X OUTPUT	digital / analogue configurations 0 - 30V digital input 0 - 30V, max output open collector 0.5A. open collector output 30V 0.5A max. open collector output 30V 0.5 max / relays 230V 10A **
	MINI USB **	PC Connection – configuration, upgrade FW
	RS232	Connecting using a comfortable display screen Parameters
PARAMETRES	POWER	12-24 V DC Idle consumption <10 mA at 12 V Maximum power consumption 400 mA at 12 V
	EVENT MEMORY	Flash 512kB ie 5000 records
	DIMENSIONS	52 x 90 x 57 mm
	WEIGHT	150 g
	TEMPERATURE RANGE	-30 °C to +85 °C
	CLASS OF PROTECTION	IP 20

* GC055 1xx

** GC055 x1x

Plhovska 1997, 547 01
Nachod, Czech Republictel: +420 491 446 611
fax: +420 491 446 644
email: level@level.systemsData Box ID: tsjdcq
IČ: 474 69 374
DIČ: CZ 474 69 374**www.level.systems**
C 2701 District court
Hradec Kralove