

My2B

MyALARM2

GSM/GPRS Datalogger
with Alarm Management



 **SENECA**
www.seneca.it/myalarm2



MY2B (MyALARM2 Standard / Datalogger) is a GSM / GPRS telecontrol unit for home & building applications, industrial plants and machines through simple commands sent by SMS, phone rings, emails. It operates with any cell phone or smartphone. With MY2B is possible to switch a boiler on / off, turn a contact on / off and etc. The device has a GSM / GPRS module inside that works as a telephone terminal on any cellular network.

TECHNICAL DATA

- GSM / GPRS communication
- USB 2.0 interface, mini USB
- Slot Micro SD (up to 32 GB)
- Built-In Temperature Probe
- N.4 Digital Input
- N. 4 Resettable Counters
- N.4 Totalizers (@32 bits, max 30 Hz)
- N.4 Hour meters
- N.2 Analog Input (0-20 mA, 0-30 V), 16 bit resolution
- N.2 SPST Relay Output 3 A (Option)
- Built-In Flash Memory
- Power supply 12 V SMTP email server

ALARMS MANAGEMENT

- SMS text, Email
- Event / status change alarms
- Alarm on power supply fault
- Limit alarm for totalizers
- Limit alarm on environment temperature measurement
- Application alarms (plant leakage, photovoltaic, irrigation, access control etc.)

COMMANDS / PROGRAMMING

- Configuration via PC software or SMS
- Remote commands by phone rings and SMS
- SMS / Email / Phone ring Alarm notification
- Bi-directional SMS (Alarms & Commands)

DATALOGGER

- Data storage on microSD card
- Min, max, average, totalized values available
- Log file export via ftp, email, SMS
- Record phone calls
- Visualization software up to 8 channels

APPLICATION CASES

AUTOMATIC GATES CONTROL	WATER PLANT MONITORING
BOILER & HVAC REMOTE CONTROL	PLANTS TELECONTROL
SCHEDULED AUTOMATIONS	REFRIGERATION AND CHILLERS

ORDER CODES

Version / Options	Codes	Description
Datalogger / Base	MY2B	MYALARM2 DATALOGGER STANDARD
SPST relay board	-0	No
	-R	Yes
Radio module	-0	No
	-W	Yes
Connection system	-C	Terminal Blocks
	-M	Clamps
Case color	-B	Blue
	-G	Grey
	-S	Special
IP66 case (option)	-IP66	electrically isolated case, transparent front door opening

Accessories: (1) A-GSM (GSM dual band external antenna), (2) A-GSM-DIR-5M (GSM/UMTS Directive Antenna), (3) A-GSM-OMNIDIR (GSM-UMTS WiFi omnidirectional antenna), (4) High performance Quadband GSM antenna, (5) GPS external antenna, (6) FD01 (Pulse counter photodetector), (7) MY2-KITIP66 (IP66 ABS Kit for field applications), (8) WS-CONTACT (wireless anti-intrusion sensor), (9) WS-WATER (wireless anti-flood sensor)

My2G

MyALARM2

GSM/GPRS Device
with GPS Position Control



 **SENECA**
www.seneca.it/myalarm2



MY2G (MyALARM2 GPS) is a GSM/GPRS telecontrol unit with tracking functions. MY2G allows the setting of virtual fence and speed alarms, as well as the activation of tracker "function". MyALARM2 can transmit your GPS position to identify the localization of mobile vehicles such as cars and boats. MY2G can also send GPS coordinates on Google Maps™ mapping system via SMS or email. For indoor applications, or with low power, you can connect an external GPS antenna. In case of alarm MY2G can perform SMS, email, audio sending. The values of the GPS position can be logged in as the other variables.

TRACKER FUNCTION

A function can be set to track the GPS position at settable times (default: 2 minutes) via SMS or EMAIL. The "tracker" function can be set to automatically turn on in the event of alarm or on SMS command.

GPS COORDINATES

GPS coordinates can be logged just like any other variable, such as:

LAT: latitude

LON: longitude

V: speed (in Km/h)

ALT: metres above sea level.

GPS coordinates are provided in WGS84 standard in degrees to be directly compatible with Google Maps™

COMMANDS / PROGRAMMING

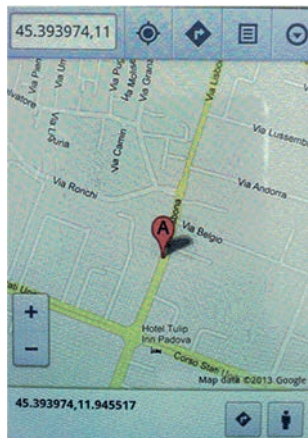
- Configuration via PC software
- Remote Commands by phone ring, SMS
- SMS / Email / Phone ring Alarm notification
- Bi-directional SMS (Alarms & Commands)

Current position on SMS and direct display on Google Maps™

MyALARM2 GPS can send the current GPS position via an SMS linked to Google maps™.

This operation can be run on either action or SMS command.

Using a Smartphone with data connection, tap on the SMS link to display the current position map.



APPLICATION CASES

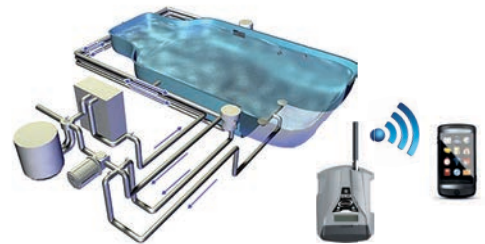
FLEET MANAGEMENT



SHIP TRACKING



LIGHT SENSITIVE GPS CONTROL



ORDER CODES

Version / Options	Codes	Description
GPS	MY2G	MYALARM2 GPS
SPST relay board	-0	No
	-R	Yes
Radio module	-0	No
	-W	Yes
Connection system	-C	Terminal Blocks
	-M	Clamps
Case color	-B	Blue
	-G	Grey
	-S	Special
IP66 case (option)	-IP66	electrically isolated case, transparent front door opening

Accessories: (1) A-GSM (GSM dual band external antenna), (2) A-GSM-DIR-5M (GSM/UMTS Directive Antenna), (3) A-GSM-OMNIDIR (GSM-UMTS WiFi omnidirectional antenna), (4) High performance Quadband GSM antenna, (5) GPS external antenna, (6) FD01 (Pulse counter photodetector), (7) MY2-KITIP66 (IP66 ABS Kit for field applications), (8) WS-CONTACT (wireless anti-intrusion sensor), (9) WS-WATER (wireless anti-flood sensor)

My2S

MyALARM2

GSM/GPRS Device

with Voice Alarms and DTMF Tones



 **SENECA**
www.seneca.it/myalarm2

MY2S (MyALARM2 SECURITY AUDIO) is a GSM / GPRS communicator operating autonomously or as expansion for anti-theft and anti-intrusion systems due to ease of installation and programming. MY2S allows SMS sending or voice alarm messages (with SIM Voice) as well as fast commands and acknowledge alarms via DTMF tones. The device is equipped with the anti-jamming system, dialer number identification, self-control battery status, anti-theft system activation. MY2S provides password protection and backup battery takeover in case of power blackout.

TECHNICAL DATA

- GSM / GPRS communication
- USB 2.0 interface, mini USB
- Slot Micro SD (up to 32 GB)
- Built-In Temperature Probe
- N.4 Digital Input
- N. 4 Resettable Counters
- N.4 Totalizers (@32 bits, max 30 Hz)
- N.4 Hour meters
- N.2 Analog Input (0-20 mA, 0-30 V), 16 bit resolution
- N.2 SPST Relay Output 3 A (Option)
- Built-In Flash Memory
- Power supply 12 V SMTP email server

ALARMS MANAGEMENT

- SMS text, Email
- Event / status change alarms
- Alarm on power supply fault
- Limit alarm for totalizers
- Limit alarm on environment temperature measurement
- Application alarms (water plants, building control)

COMMANDS / PROGRAMMING

- Configuration via PC software or SMS
- Remote commands by phone rings and SMS
- Phone call recording
- SMS / Email / Phone ring Alarm notification
- Bi-directional SMS (Alarms & Commands)

SECURITY AUDIO FUNCTIONS

- GSM multilanguage communicator
- DTMF tones voice commands
- Micro SD included
- Expansion for anti-intrusion systems
- 10 weekly schedules, 83 alarm sources
- Typical applications: access control, security, alarm redundancy

APPLICATION CASES



ORDER CODES

Version / Options	Codes	Description
Security Audio	MY2S	MYALARM2 SECURITY AUDIO
SPST relay board	-0	No
	-R	Yes
Radio module	-0	No
	-W	Yes
Connection system	-C	Terminal Blocks
	-M	Clamps
Case color	-B	Blue
	-G	Grey
	-S	Special
IP66 case (option)	-IP66	electrically isolated case, transparent front door opening

Accessories: (1) A-GSM (GSM dual band external antenna), (2) A-GSM-DIR-5M (GSM/UMTS Directive Antenna), (3) A-GSM-OMNIDIR (GSM-UMTS WiFi omnidirectional antenna), (4) High performance Quadband GSM antenna, (5) GPS external antenna, (6) FDO1 (Pulse counter photodetector), (7) MY2-KITIP66 (IP66 ABS Kit for field applications), (8) WS-CONTACT (wireless anti-intrusion sensor), (9) WS-WATER (wireless anti-flood sensor)