My2B

MyALARM2

GSM/GPRS Datalogger
with Alarm Management

100% Made & Designed in Italy

TOMEK ELECTRONICS

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MyALARM2
GSM/GPRS Datalogger with Alarm Management

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

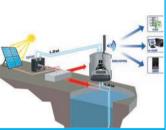## APPLICATION CASES

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 omnidirective 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)