











REMOTE ALARM AND DATALOGGER UNITS













SENECA remote alarm and datalogging devices are designed to remotely control, monitor and implement small automations for homes, buildings, plants, manufacturing machines through simple commands sent with SMS messages. With any mobile device or smartphone, it is possible to control the on/off switching of a technical installation, to activate a contact, to receive a warning or an alarm. These professional and universal devices are easily programmable and are based on a GSM / GPRS module that operates as a smart phone communicator able of managing calls, commands, directories and data archiving.

B-ALARM AND MYALARM2 COMMON FEATURES

INSTANT ALARM MESSAGING  M B	UNICODE MULTI LANGUAGE SUPPORT  M B	BUILT-IN MODEM AND I/O'S  M B	SMS COMMANDS / FREE RING TONES  M B
PHONE BOOK UP TO 250 USERS  M B	LI-ON RECHARGEABLE BATTERY  M B	COMPATIBLE STANDARD SIM CARD  M B	COUNTERS AND TIMERS MANAGEMENT  M B

MYALARM2 EXCLUSIVE FEATURES

DATA STORAGE AND VISUALIZATION  M	BUILT-IN TEMPERATURE SENSOR  M	E-MAIL MANAGEMENT  M	PRE-PROGRAMMED SCENARIOS  M
DTMF COMMAND, VOICE ALARM (10 HOURLY PROGRAMS, 83 ALARM SOURCES)  M	DIGITAL OUTPUT (OPTION)  M	IP66 CASE (OPTION)  M	MICRO SD BUNDLE (MY2S MODEL)  M

PROGRAMMING TOOLS



M B **EASY MYALARM2 / EASY SETUP (BASIC CONFIGURATION)**
I/O settings, sample time, log, commands, alarms, SIM, GSM communication, audio files, administration functions (password, credit, redirect messaggi etc.)



M **EASY MYALARM2 (WITH SCENARIOS)**
Pre-programmed custom applications: advanced automation, datalogger, photovoltaic panels control, automatic gate control, hour meter, power supply blackout control, alarm control on analog/digital inputs, water/gas losses, swimming pool control, timing automation, boiler control



M **LOG FACTORY**
Storage and visualization log files



M **SENECA SMS**
Android / iOS APP for sending and custom SMS commands





M **SENECA TEMP**
Android APP for temperature management and thermostat function

FIELDS OF APPLICATION

HOME AUTOMATION	<p>AUTOMATIC SYSTEMS: GATES, GARAGE DOORS, SHUTTERS, BARRIERS</p>	<p>BOILERS AND HVAC SYSTEMS CONTROL</p>	<p>ALARMS MANAGEMENT FOR AQUEDUCT NETWORK</p>	<p>TECHNICAL PLANTS MONITORING</p>	
	<p>ANTI-INTRUSION SYSTEMS</p>	<p>ANTI FLOOD SYSTEMS</p>	PLANT MONITORING	<p>WATER LOSSES AND CONSUMPTION MONITORING</p>	<p>COLDROOMS, FREEZERS & CHILLERS CONTROL</p>
	<p>AUTOMATIC IRRIGATION SYSTEM</p>	<p>PUMP ROTATION</p>		<p>BOAT CONTROL</p>	<p>SWIMMING POOL CONTROL</p>
<p>VOLTAGE STABILITY CONTROL</p>	<p>PHOTOVOLTAIC PANELS AND ENERGY CONSUMPTION MONITORING</p>	REMOTE ALARM		<p>FIBER OPTIC CONTINUITY TESTING</p>	<p>ACCESS AND PRESENCE CONTROL SYSTEMS</p>

REMOTE ALARM AND DATALOGGER UNITS

	B-ALARM	MYALARM2
	 Remote alarm unit, 1DI / 1DO with basic functions	 GSM/GPRS datalogger with remote alarm, remote measurement and remote management functions
GENERAL DATA		
Power supply	10..30 Vdc	6..15 Vdc
Power consumption	Typical 1.2 W, max 2 W	Max 3,5 W
Protection degree	IP20	IP20
Rechargeable battery	Li-On, lifetime up to 100 minutes	Li-On (1.000 mAh), lifetime from 8 to 16 h
LED status indicators	Power Supply - GSM Network - I/O Status	Power Supply - GSM / GPRS Network - Device Status
Operating temperature	-10..+55°C	-10..+55°C (non recharging battery); 0..+45°C (battery recharge)
NTC sensor built-in	No	Yes
Connection	Removable screw terminals, pitch 3,5 mm SIM-CARD connector PUSH-PUSH type Screw connector for stilo antenna Micro USB port (configuration)	Removable screw terminals, pitch 3,5 mm SIM-CARD connector PUSH-PUSH type SMA connector for GSM antenna Micro USB port (configuration) Push-push slot for Micro SD card
SD card	No	Yes (MY2S model)
Protocols	SMS	SMS, FTP client, SMTP client, SMTPS with SSL client
Display	No	Graphic LCD 32x128 pixels - Display scroll button - Visible area 29 x 8.6 mm
GSM	Quad band (850 / 900 / 1800 / 1900 MHz)	Quad band 850 / 900 / 1800 / 1900 MHz; slot porta SIM push-pull, supporto SIM card voce/dati
Dimension (wxhxd)	54 x 114 x 32	80 x 105 x 30
Weight	80 g	150 g
Material	ABS polycarbonate	ABS polycarbonate
Mounting	DIN rail or wall mount	DIN rail or wall mount
SOFTWARE AND FUNCTIONS		
Basic configuration	Software (EASY SETUP)	Software (EASY MYALARM2)
Pre-programmed scenarios	No	Software (EASY MYALARM2)
Datalogger	No	Yes
SMS alarms / Ring tones command	Yes	Yes
DTMF / Voice alarm command	No	Yes (MY2S model)
Incremental alarms	Yes	Yes
Email management	No	Yes
Phone book	5 users (1 admin), 250 contacts	20 users (1 admin), 250 contacts
Free command ring tones	Yes	Yes
Fast / timing command	Yes	Yes
Counters and timers	4 counters	4 counters, 10 timers
SMS and temperature Mobile App	No	Yes
DIGITAL INPUT		
Channels	1	4
Type	Contact, voltage 6-24 V	REED Contact, PNP, Pulscap, relay, max freq. 30 Hz
ANALOG INPUT		
Channels	-	2
Type	-	Current 0..20 mA (max impedance 60 Ω); voltage 0..30 V (max impedance 100 kΩ); resolution 16 bit; accuracy 0,1% f.s.
DIGITAL OUTPUT		
Channels	1	2 (option)
Type	SPDT Relay 3 A / 250 Vac	SPST Relay 3 A / 250 Vac
STANDARD		
Approvals	CE	CE
Norms	EN60950, EN 301 511, EN 301 489-7, EN 301 489-1	EN60950, EN 301 511, EN 301 489-7, EN 301 489-1

ORDER CODES			
Code	Description	Code	Description
B-ALARM	Remote alarm Unit, 1DI / 1DO, basic functions	ACCESSORIES	
MY2B-0-0-M-B	MyALARM2 - GSM/GPRS datalogger, standard version, clamps, blue color	A-GSM	Dual band swing GSM external antenna, cable 3,2 m, SMA
MY2B-0-0-M-G	MyALARM2 - GSM/GPRS datalogger, standard version, clamps, grey color	A-GSM-DIR-5M	GSM-DECT-UMTS directive compact antenna
MY2B-R-0-M-B	MyALARM2 - GSM/GPRS datalogger, standard version, relay, clamps, blue color	A-GSM-OMNIDIR	GSM-UMTS-WIFI Omnidirectional Antenna
MY2B-R-0-M-G	MyALARM2 - GSM/GPRS datalogger, standard version, relay, clamps, grey color	A-GSM-OMNIDIR-10	GSM-UMTS-WIFI Omnidirectional Antenna, L=10 m
MY2B-0-0-M-B-4X	MyALARM2 - GSM/GPRS datalogger, standard version, clamps, blue color, IP66 case	A-GSM-QUAD-N	4G/WiFi omnidirectional antenna, FME, L=3mt
MY2B-0-0-M-G-4X	MyALARM2 - GSM/GPRS datalogger, standard version, clamps, grey color, IP66 case	ALIM-MY2	Power Supply Unit for MYALARM2 and R-KEY-LT
MY2B-R-0-M-B-4X	MyALARM2 - GSM/GPRS datalogger, standard version, relay, clamps, blue color, IP66 case	BATT-MY2	Lithium Polymer (LiPo) Battery Pack 3.7V - 1200mAh for MYALARM2
MY2B-R-0-M-G-4X	MyALARM2 - GSM/GPRS datalogger, standard version, relay, clamps, grey color, IP66 case	FD01	Pulsecap for Energy counter measurement, max freq. 10 Hz
MY2S-0-0-M-B	MyALARM2 - GSM/GPRS datalogger, security audio version, clamps, blue color	MSD	Micro SD memory card with adapter
MY2S-0-0-M-G	MyALARM2 - GSM/GPRS datalogger, security audio version, clamps, grey color	MY2-KITIP66	IP66 ABS kit enclosure for field application
MY2S-R-0-M-B	MyALARM2 - GSM/GPRS datalogger, security audio version, relay, clamps, blue color	SOFTWARE AND APP	
MY2S-R-0-M-G	MyALARM2 - GSM/GPRS datalogger, security audio version, relay, clamps, grey color	LOG FACTORY	Visualization and log data tool for Z-GPRS3, Z-LOGGER3, Z-UMTS
MY2S-0-0-M-B-4X	MyALARM2 - GSM/GPRS datalogger, security audio version, clamps, blue color, IP66 case	EASY MYALARM2	MYALARM2 configurator
MY2S-0-0-M-G-4X	MyALARM2 - GSM/GPRS datalogger, security audio version, clamps, grey color, IP66 case	EASY SETUP	Plug&Play software suite for SENECA programmable instruments
MY2S-R-0-M-B-4X	MyALARM2 - GSM/GPRS datalogger, security audio version, relay, clamps, blue color, IP66 case	SENECA SMS	MYALARM2 App iOS / Android for remote configuration
MY2S-R-0-M-G-4X	MyALARM2 - GSM/GPRS datalogger, security audio version, relay, clamps, grey color, IP66 case	SENECA TEMP	MYALARM2 App iOS for temperature control



Via Austria, 26 • 35127 Padova - (I) - Tel. +39 049 87.05.359
 Fax +39 049 87.06.287 • www.seneca.it • info@seneca.it

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