

MICRA

ALARM MODULE WITH GSM/GPRS COMMUNICATOR

MICRA alarm module is intended for security installations of small premises: holiday houses, kiosks, ATMs, technical containers or standalone technical facilities – where apart from local signaling, an efficient remote notification on the threat is required. The possibility of using traditional detectors and sirens, built-in monitoring features and remote control with dedicated keyfobs or mobile phone allows it to replace more sophisticated alarm control panels where simplicity and solution efficiency is a priority.

FEATURES

- 4 programmable inputs for detectors and technical equipment supervision
- inputs mode selection: digital (on/off) or analog (voltage)
- dedicate tamper loop input
- 2 relay outputs controlled locally or remotely
- remote control receiver supporting up to eight **P-2/P-4/T-1/T-2/T-4** keyfobs
- GPRS/SMS monitoring with events definition
- SMS/CLIP personal messaging on selected events
- audio verification over telephone via external microphone
- local (RS-232) or remote (GPRS) programming

alarm

Transformer and battery sold separately.



TECHNICAL SPECIFICATION

Number of hardwired zones	4+1
Number of outputs relay	2
Number of outputs low-current, OC type	1
Number of outputs power	1
Supply voltage:	18 V AC $\pm 10\%$
Recommended transformer type	TR40VA (40 VA / 18 V AC)
Type of module power supply	A
Total power supply rating	2 A
230 V mains current consumption - standby	50 mA
230 V mains current consumption - maximum	150 mA
Battery current consumption - standby	120 mA
Battery current consumption - maximum	420 mA
Battery failure voltage threshold	11 V $\pm 10\%$
Battery cut-off voltage	10.5 V $\pm 10\%$
Battery charging current	250 mA $\pm 20\%$
Power supply output voltage range	10.5...13.8 V DC
AUX output rating	500 mA
FT output rating	50 mA
Maximum relay load (resistive load)	1 A / 30 V DC
Number of supported keyfobs	8
Types of supported keyfobs	P-2, P-4, T-1, T-2, T-4
Keyfobs operating range in open area	up to 100 m
Number of supported wireless detectors	8
Types of supported wireless detectors	UMD-300, UPD-300, UPD-301
Keyfobs and detectors working frequency range	433.05 \pm 434.79 MHz
Type of microphone socket	Jack 3.5 mm
Environmental class	II
Working temperature range	-10°C...+55°C
Electronics board dimensions	120 x 68.5 mm
Dimensions of device with enclosure	266 x 286 x 100 mm
Weight of device with enclosure (without transformer and battery)	1072 g

* Any obstacles between transmitter and receiver will reduce operating range of the device.