

# MICRA

ตัวควบคุมกันขโมยแบบไร้สาย

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

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 ±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 ±10%
Battery cut-off voltage	10.5 V ±10%
Battery charging current	250 mA ±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 ÷ 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.



The manufacturer reserves the right to change the specification and technical data of device.  
The picture may vary from the real product.