

MPD-300

WIRELESS MOTION DETECTOR FOR MICRA SYSTEM

Motion detector, whose function is to detect an intruder moving within the system protected area. Owing to its pet immunity, the MPD-300 can provide protection even if small animals, such as small dogs or cats, are moving in its coverage range at the time of supervision. A lithium battery used to power the device ensures many years of work without having to replace it, so the system is as easy to use as the traditional wired solutions.

Features:

- compatible with **MICRA** alarm module, **PERFECTA 16-WRL**, **PERFECTA 32-WRL**, **PERFECTA 32-WRL LTE**, **PERFECTA-IP 32-WRL** and **PERFECTA-T 32-WRL** control panels as well as **VERSA-MCU** and **MTX-300** wireless system controllers,
- radio signals from a detector can be retransmitted by **MRU-300**
- digital detection algorithm with temperature compensation for high immunity to false alarms and repeatability of parameters,
- ability to change sensitivity to match optimum detector parameters to the protected space,
- optional operating mode with up to 15kg pet immunity, which allows protection of areas where there are pets,
- energy management system to enable many years of operation without having to replace the CR123A lithium battery,
- LED indicating violations in test mode, for easy start-up and subsequent maintenance of the system,
- detection of tamper, e.g. opening enclosure, ripping away from mounting surface



Application:

Protection of small-size buildings, such as kiosks, summer houses, boutiques, freestanding garages and workshops

Delivery set:

Detector, adjustable handle, back tamper unit, CR123A lithium battery, mounting elements, user manual

TECHNICAL DATA

Detected target velocity	0,3...3 m/s
Enclosure dimensions	63 x 96 x 49 mm
Operating temperature range	-10...+55 °C
Recommended mounting height	2,4 m
Max. current consumption	58 mA
Weight	111 g
Maximum humidity	93 ±3%
Operating frequency band	433,05 ÷ 434,79 MHz
Battery	CR123A 3V
Standby current consumption	55 µA
Battery working time (energy save mode, in years)	up to 2 lat
Environmental class according to EN50130-5	II
Complied with standards	EN 50131-1, EN 50130-4, EN 50130-5
Warm-up period	15 s
Radio communication range (in open area) for PERFECTA	up to 600 m
Radio communication range (in open area) for MICRA / VERSA-MCU / MTX-300	up to 500 m
Radio communication range (in open area) for MRU-300	up to 400 m
Detection area (normal sensivity)	14 m x 12 m, 86°
Detection area (high sensivity)	16 m x 18 m, 91°
Security grade according to EN 50131-2-2 (detector mounted directly to the wall)	Grade 2