

MPD-310 Pet

WIRELESS PIR MOTION DETECTOR WITH PET IMMUNITY UP TO 20 KG

The MPD–310 Pet detector detects motion within the protected area. It is supported by the PERFECTA control panels (WRL models and PERFECTA 64 M equipped with PERFECTA–RF module), VERSA–MCU controller, MTX–300 controller, MICRA alarm module (firmware version 2.02 or newer).

- motion detection using a passive infrared (PIR) sensor
- wide angle lens with a maximum coverage area of 14m x 12m
- digital motion detection algorithm
- digital temperature compensation
- immunity to movement caused by animals weighing up to 20 kilograms
- encrypted radio communication in the 433 MHz frequency band
- radio signals from a detector can be retransmitted by MRU-300
- LED indicators
- supervision of the motion detection circuit
- battery status control
- tamper protection against opening of the enclosure and removal from mounting



TECHNICAL DATA

Detected target velocity	0,33 m/s
Enclosure dimensions	62 x 137 x 42 mm
Operating temperature range	-10°C+55°C
Recommended mounting height	2,4 m
Max. current consumption	48 mA
Weight	122 g
Maximum humidity	93±3%
Operating frequency band	433,05 ÷ 434,79 MHz
Battery	CR123A 3V
Standby current consumption	45 μΑ
Battery working time (energy save mode, in years)	up to 3 lat
Environmental class according to EN50130-5	ll l
Complied with standards	EN 50131-1, EN 50130-4, EN 50130-5
Warm-up period	15s
Security grade according to EN50131-2-2	Grade 2
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 250 m
Detection area (normal sensivity)	9,8 m x 6 m, 58°
Detection area (high sensivity)	14 m x 12 m, 84°

