Satel®

APD-100

WIRELESS PIR DETECTOR

The APD–100 wireless detector is used to detect motion in the protected area. It is designed to work as part of the **ABAX** two–way wireless system. The use of digital detection algorithm and high quality infrared channel provides high immunity to false alarms. Owing to the PET function, the device can provide protection even when small animals are within its range. APD–100 is provided with a dual element PIR sensor and a temperature compensation algorithm. The three–step sensitivity adjustment is remotely configurable using the DLOADX software. The detector comes with tamper protection and battery charge control function. The device is compatible with **INTEGRA 128–WRL** control panel, **ACU–120**, **ACU–270** and the older **ACU–100**, **ACU–250** controllers, as well as with **ARU–100** radio signal repeater. It meets the EN 50131–2–2 requirements for Grade 2 security.

The detector is provided with a bracket for wall or ceiling mounting, which provides a wide range of coverage area adjustment.

- EN50131 Grade 2 compliance
- high quality sealed optical path
- three step remote sensitivity adjustment
- battery diagnostics
- remote configuration
- adjustable mounting bracket included
- tamper protection against opening and removing from mounting surface
- up to 15kg pet immunity configuration option

TECHNICAL DATA

Environmental class	II
Battery working time (in years)	Estimated 3 years
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
Operating frequency range	868,0 ÷ 868,6 MHz
Weight	108 g
Radio communication range (in open area)	up to 500 m m
Battery	CR123A 3V