

Wireless Fire Alarm Detector



- Two-way Type of RF communication
- Combined – Heat and Smoke detection
- 24-hour fire alarm supervised zone

PAX FD is a wireless combined fire alarm detector – with optical smoke and heat parts. The detector is compatible for operation with:

- BRAVO Next wireless control panel, for building of fully wireless security systems.
- PAX WL Expander module, for building of hybrid security systems with Eclipse series control panels.

The exceptional performance of the detector is possible, thanks to our improved wireless communication protocol Beacon+.

Features

- Bi-directional type for wireless communication
- Jamming detection and communication channels encryption
- Wireless communication range (open space) - up to 1500m
- Signal strength indication (RSSI)
- Standard type of batteries – CR123A
- 24-hour fire alarm supervised zone
- Rate-of-rise heat part, 10°C/min (max 60°C)
- Optical chamber auto compensation
- Tamper switch for self-protection of the box
- Events transmitted: Fire, Tamper activation, Low battery
- Installation method - Indoors

Technical Specifications

Operation frequency:	~ 868MHz
Communication type:	Bi-directional
Wireless communication range (open space):	up to 1500m
Class* for the heat part	A1/R
Sensitivity	RoR 10°C/min (max 60°C)
Battery (type CR123A)	2 x 3 V/ 1500mAh
Battery life	~ 4 years
Low voltage threshold	2.6V
Current consumption (TX/Standby)	26 mA / 4 µA
Operating temperature range:	from -10°C to +50°C
Enclosure box:	ABS plastic, white
Dimensions	Ø103 x 56 mm

* Category, according EN 54-5:2017+A1:2018

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