Natron SD

EN 54-7
EN 54-25

Wireless fire alarm optical-smoke detector



- Bi-directional wireless communications
- Built-in 80db buzzer
- Tamper switch

Wireless optical-smoke detector, compatible with both – Natron WE-A and Natron WE-C wireless gateways. The signal coverage of the Natron SD reaches up to 1500 (in open area), thanks to our bi-directional wireless communication protocol – Beacon+. The protocol efficiency also contributes to the exceptional battery life that could last to up to 10 years, with 2x CR123A type of batteries.

The Natron SD is also equipped with an internal buzzer, used for local sound signaling in case of detector activation (fire condition), as well as build-in tamper switch.

Features

- Bi-directional wireless communications
- LEDs indication for 360° visibility
- Built-in 80db buzzer
- Tamper switch
- Sensitivity adjustment
- Signal coverage test
- Protection - IP30
- Coverage range – 1500 m open area
- Long battery life – up to 10 years
- EN 54-7 and EN 54-25 certificated

Technical Specifications

Communication range with expander module	1500m
Communication type	Bidirectional
Radio frequency	868MHz
Radio signal modulation type	GFSK
Number of frequency channels	6 pair channels
Battery life	~10 years
Battery power supply	3 x CR123A 3V
Radiated power	≤ 20 mW
Test transmission message period	300s
Built-in buzzer volume	80dB/1m
Sensitivity (selectable from panel/module menus)	High/ Normal/ Middle/Low
Operation temperature	-10°C to +55°C
Dimensions	Ø106x76mm
Weight (with battery)	227g
Mounting	Ceiling, Indoor use

Last update: 08.2023