Natron TD

EN 54-5
EN 54-25

Wireless addressable fire alarm heat detector



- Bi-directional wireless communications
- Selectable Heat detection type – Fixed or Rate-of-rise
- Thermal class – A1R, A2S and BS
- Built-in 85db buzzer

Wireless heat detector, compatible with both – Natron WE-A and Natron WE-C wireless gateways. Natron TD supports two heat detection methods – fixed temperature and rate-of-rise types. The signal coverage of the Natron TD 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 a single CR123A type of battery.

The Natron TD 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.

Natron TD is designed for indoor installation.

Features

- Bi-directional wireless communications
- Selectable Heat detection type – Fixed or Rate-of-rise
- Thermal class – A1R, A2S and BS
- LEDs indication for 360° visibility
- Built-in 85db buzzer
- Tamper switch
- Sensitivity adjustment
- Signal coverage test
- Protection - IP30
- Coverage range – 1500 m open area
- Long battery life – up to 10 years
- EN 54-5 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	2 x CR123A 3V
Radiated power	≤ 20 mW
Test transmission message period	300s
Built-in buzzer volume	80dB/1m
Class (selectable from panel/module menus)	A1/R, A2/S
Operation temperature	-10°C to +55°C
Dimensions	Ø106x76mm
Weight (with battery)	210g
Mounting	Ceiling, Indoor use

Last update: 05.2023