

# 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 – A1/R, A2/S
- Built-in 80db 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 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 – A1/R, A2/S
- 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 54-5 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