

Internet of Things

IoT



Detector SiFi

An autonomous fire detector with connectivity to the Internet of Things (IoT) via the wireless SIGFOX global network.

The detector works both autonomously and as a part of a wireless network. Fire detection is based on an optical and temperature principle. The detector is battery powered.

Main advantages:

- wireless connection to LPWAN
- no GSM SIM card or Internet connection required
- fast and easy activation – just switch the device on, register it and set up your contact details
- reliable notification of alarm and technical events via SMS or e-mail

Key features:

- local acoustic signaling in the event of fire detection
- detection and reporting of alarm and warning events
 - fire and sabotage detection
 - freeze hazard monitoring and low battery indicator
 - test button for regular alarm testing
- transmission of alarm and warning messages
 - SIGFOX cloud
 - network operation center
 - SMS or e-mail sent to the provided contacts
- battery operation time under normal conditions 5 years
- operating temperature range: -10 to +50 °C
- detector dimensions Ø 95,5 × 41 mm



BETACONTROL

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Sensor operation:

When a fire is detected, the repeated acoustic signalling is activated and the red LED diode begins to flash. The sensor sounds the alarm until the smoke is exhausted. The report on the fire is immediately sent to the centre. When the temperature limit is exceeded, the sensor sends a report on the status that has occurred. The end of all alarms and other warning statuses is also reported to the centre.

SiFi event overview:

- **Alarm statuses**
 - smoke detection
 - temperature increase detection
 - freeze-up hazard
 - detector sabotage (tampering)
- **Technical warnings**
 - detector sensor failure
 - low battery
 - new connection
 - manual sensor test
- **Notifications**
 - automatic connection testing

