# ASD-110

## WIRELESS SMOKE AND HEAT DETECTOR

The ASD–110 multisensor detector enables detection of the early stages of fire development when visible smoke appears and/or temperature rise occurs. It can work as a stand–alone device or as part of the ABAX two–way wireless system An optical method is used for the detection of visible smoke. When the concentration of smoke in the optical chamber exceeds a given threshold, an alarm is triggered. The smoke sensor operating parameters are modified depending on the temperature changes recorded by the thermal sensor (thermistor).

**Features:**

- LED indicator for test mode signaling
- tamper contact reacting to enclosure opening and detachment from the mounting surface
- remotely activated test mode
- self–diagnostic functions (checking the status of battery and optical chamber)
- IP code: IP20

**Delivery set:**
Detector, dust cover, CR123A lithium battery, mounting elements, user manual

## TECHNICAL DATA

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|---|---|
| **Battery working time (in years)** | Estimated 2 years |
| **Enclosure dimensions** | ø108 x 61 mm |
| **Operating temperature range** | 0...+55 °C |
| **Standby mode current consumption** | 85 µA |
| **Weight** | 170 g |
| **Operating frequency band** | 868,0 ÷ 868,6 MHz |
| **Radio communication range (in open area)** | up to 500 m m |
| **Battery** | CR123A 3V |
| **Class according to EN 54-5 (heat sensor)** | A1R |
| **Minimum static response temperature** | 54 °C |
| **Maximum static response temperature** | 65 °C |

The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only.

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