

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

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
Battery	CR123A 3V
Class according to EN 54-5 (heat sensor)	A1R
Minimum static response temperature	54 °C
Maximum static response temperature	65 °C