

# ASD-150

## WIRELESS SMOKE DETECTOR

ASD-150 can detect fire at its early stages of development, as soon as the visible smoke appears. This model can work either as part of the two-way wireless ABAX system or as a stand-alone device, which is confirmed by the certificate of compliance with EN 14604 for stand-alone detectors, issued by the Scientific and Research Centre for Fire Protection.

For detection of visible smoke, an optical sensor located in a special chamber is used, which further speeds up the detection. When the concentration of smoke in the optical chamber exceeds a preset threshold, an alarm will be triggered.

**Stand-alone operation:** as soon as smoke is detected, the detector will alert people in the vicinity to danger, acoustically and optically.

**Operation as part of ABAX system:** the system can be programmed so that smoke detection by one detector can simultaneously trigger alarm signal in other selected ASD-150 detectors located in the premises.

ASD-150 will prove very useful in buildings where a high level of fire protection should be provided, but construction of a complete fire protection system is not necessarily required.

- optical detector of visible smoke in accordance with **EN 14604**
- stand-alone operation option
- optical (LED) and acoustic (piezoelectric transducer) signaling of detected smoke
- auto-diagnostic functions (checking the status of battery and optical chamber)
- chamber soiling indication
- tamper protection against opening and removal from mounting surface
- power source: 3 V CR123A lithium battery
- testing function

## TECHNICAL DATA

Enclosure dimensions	ø108 x 54 mm
Operating temperature range	0 °C...55 °C
Max. current consumption	120 mA
Weight	170 g
Operating frequency band	868,0 ÷ 868,6 MHz
Radio communication range (in open area)	up to 500 m
Battery	CR123A 3V
Standby current consumption	85 µA

