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Updated 27 October 2026
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SECURITON

Securiton ASD 535-4 aspirating smoke detector, 2 pipes

Product code 61307 · Aspirating smoke detection › Detectors and sensors

Aspirating smoke detector for medium-sized and large monitoring areas. Two sampling pipes and a smoke level display; the SSD 535-3 sensors are ordered separately. EN 54-20, classes A, B and C.

- Tested to EN 54-20, classes A, B and C
- Monitoring area up to 5,760 m², up to 2 × 300 m of pipe
- Space for two SSD 535-3 sensors, alarm sensitivity 0.02–10 %/m
- Four expansion module slots (RIM 35, SIM 35, XLM 35, MCM 35)
- IP54, operating temperature −30…+60 °C

Product description

ASD 535-4 is an aspirating smoke detector in Securiton's SecuriSmoke range for medium-sized and large monitoring areas. It has two sampling pipes and space for two SSD 535-3 smoke sensors, which are ordered separately. The measured smoke level is shown on the bar graph display on the cover. Airflow monitoring detects pipe blockages and breakages.

Commissioning and settings are done on the device (EasyConfig) or with the ASD Config software. The pipe network can be designed with ASD PipeFlow. The fan has five speed levels.

The four expansion slots can take RIM 35 relay modules (up to two), an SIM 35 network module, an XLM 35 loop module and an MCM 35 memory card module. In the two-pipe model each pipe has its own smoke sensor, so the pipe network in alarm can be identified.

Technical data

Product code	61307
Manufacturer	Securiton
Manufacturer's code	ASD 535-4 (11-2000018-01-02)
Product group	Aspirating smoke detection › Detectors and sensors
Operating voltage	10.5–30 V DC
Current consumption (quiescent)	≈ 290 mA (24 V DC)
Current consumption (alarm)	≈ 385 mA (24 V DC)

Sampling pipes	2
Sensors	2 × SSD 535-3 (ordered separately)
Sensitivity range (alarm)	0.02–10%/m
Sensitivity range (pre-signals)	0.002–9%/m
Detector class	EN 54-20, classes A, B and C
Monitoring area	Up to 5,760 m^2
Maximum pipe length	2 × 300 m
Maximum number of sampling holes	A 2 × 18, B 2 × 56, C 2 × 120
Sampling hole diameter	2–7 mm
Expansion module slots	4 (RIM 35, SIM 35, XLM 35, MCM 35)
Display	Smoke level bar graph
Sound pressure level	34–41 dB(A) / 1 m (fan levels I–V)
IP rating	IP54
Operating temperature	−30…+60 °C
Storage temperature	−30…+70 °C
Material	ABS blend, UL 94-V0
Dimensions	265 × 397 × 148 mm (W × H × D)
Weight	3,555 g (with sensor)
EN 54 approval	EN 54-20, EN 54-27
VdS approval	G 208154
CPR	0786-CPR-20600

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Datasheet: ASD 535
Technical datasheet: ASD 535
Installation guide: ASD 535
User manual: Maintenance manual ASD 535
User manual: Maintenance manual ASD 535 (EN)
Installation guide: opening the ASD 533 and ASD 535 housing
Certificate: CPR certificate of constancy of performance, no. 0786-CPR-20600
Certificate: Declaration of performance (DoP), no. CPR-11-13-101
Certificate: EU declaration of conformity
Certificate: VdS approval, no. G 208154
Document: Commissioning protocol ASD 535
User manual (series): ASD Config 2.6.0
Product catalogue (series): sampling pipe materials ASD 531–535 (DE/EN)
Product catalogue (series): SecuriSmoke ASD 2026 (Securiton)
Brochure (series): SecuriSmoke ASD

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