



SECURITON

Securiton ASD 533-1 aspirating smoke detector, 1 pipe

Product code 61303 · Aspirating smoke detection > Detectors and sensors

Aspirating smoke detector for medium-sized monitoring areas. One sampling pipe, a pre-installed SSD 533 smoke sensor and four expansion module slots. EN 54-20, classes A, B and C.

- Tested to EN 54-20, classes A, B and C
- Monitoring area up to 1,920 m² and up to 200 m of pipe
- SSD 533 smoke sensor included, alarm sensitivity 0.02–10 %/m
- Four expansion module slots (RIM 35, SIM 35, XLM 35, MCM 35)
- Operating voltage 10.5–30 V DC, IP54



Product description

ASD 533-1 is an aspirating smoke detector in Securiton's SecuriSmoke range for medium-sized monitoring areas. It has one sampling pipe and a pre-installed SSD 533 smoke sensor. The sensor's alarm sensitivity is 0.02–10 %/m, and the pre-signals can be set to 10–90% of the alarm threshold. 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 symmetrical, or asymmetrical when designed with ASD PipeFlow.

The four expansion slots can take an RIM 35 relay module, an SIM 35 network module, an XLM 35 loop module and an MCM 35 memory card module. The detector also has USB and RS-485 interfaces.

Technical data

Product code	61303
Manufacturer	Securiton
Manufacturer's code	ASD 533-1 (11-2000001-01-04)
Product group	Aspirating smoke detection > Detectors and sensors
Operating voltage	10.5–30 V DC
Current consumption (quiescent)	≈ 130 mA (24 V DC)
Current consumption (alarm)	≈ 160 mA (24 V DC)
Sampling pipes	1

Sensors	SSD 533 (included)
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 1,920 m ²
Maximum pipe length	200 m
Maximum number of sampling holes	A 16, B 50, C 50
Sampling hole diameter	2–7 mm
Expansion module slots	4 (RIM 35, SIM 35, XLM 35, MCM 35)
Sound pressure level	34 dB(A) / 1 m
IP rating	IP54
Operating temperature	–20...+60 °C
Storage temperature	–20...+70 °C
Material	ABS blend, UL 94-V0
Dimensions	265 × 397 × 148 mm (W × H × D)
Weight	3,535 g (with SSD 533 sensor)
EN 54 approval	EN 54-20
VdS approval	G 212163
CPR	0786-CPR-21207

Documents

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

Datasheet: ASD 533

Technical datasheet: ASD 533

Certificate: CPR certificate of constancy of performance, no. 0786-CPR-21207

Certificate: Declaration of performance (DoP), no. CPR-11-24-100

Certificate: EU declaration of conformity

Certificate: VdS approval, no. G 212163

Document: Commissioning protocol ASD 533

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

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/securiton-asd-533-1/