

ABUS Wireless Smoke Alarm Device

Art. no. HSRM20000

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- Optical smoke detector with integrated piezo alarm sounder
- Detectors can be integrated in a wireless network which could contain 32 detectors
- Reliable warning of life-threatening smoke formation
- Detector cascadable for greater safety and coverage
- Clearly visible status LED

The optical VdS wireless smoke alarm device reacts to visible fire smoke within its detection range. If an alarm detects smoke particles in the air, all alarms in the building are triggered. The wireless smoke alarm device is installed on the ceiling. Minimum distances to the wall (15 cm), corners (50 cm), etc., must be observed (for details see the user guide). We recommend a separate detector for each hallway, staircase, living room, and bedroom. If a detector detects smoke, the piezo sounder emits an alarm which is 85 dB loud – from all detectors at the same time. The detector that first detected the smoke can be identified by an alarm tone that is different from the others.

Up to 32 smoke detectors can be networked wirelessly – each with a range of up to 30 m (additional wireless modules are not required). The cascading of the detectors guarantees a high level of safety; an alarm is passed across the entire chain from the first to the last detector. The effective range does however depend on the structural characteristics (a wireless test is recommended before installation). The batteries recommended have a lifespan of up to 2 years. The detector reports a weak battery by emitting regular beeps. We recommend that the detector be tested once per month. The detector is VdS-certified thanks to the high level of safety and reliability it provides.

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Technical Data:

Dimensions	(HxD) 35x102 mm
Display	LED
Battery type	9 V battery (lithium)
Width	102 mm
Gross weight	0.19 kg
Type of detection	Photoelectric reflection
Detection range of detector (m ²)	40 m ²
Radio frequency	868
Housing material	ABS
Height	35 mm
Max. operating temperature	40 °C
Max. humidity	90 %
Max. receiving range (building)	30 m
Max. sending range (building)	30 m

Min. operating temperature	0 °C
Installation location	Ceiling
Net weight	0.08 kg
Sound pressure	85 dB
Voltage monitoring	Yes
DC voltage supply	9 V
Language of instructions	DE, UK, FR, IT, NL, DK
Packaging language	DE, UK, FR, IT, NL, DK, SE, PL, ES
Status display	Yes
Power consumption	max. 40 mA
Certifications	VdS (G 212011) - EN 14604:2005/AC:2008