

DANGER DETECTORS 2016 RANGE

Robust monitoring for underestimated risks: smoke and danger detectors



CONTENTS EVERYTHING AT A GLANCE



DANGER DETECTORS 2016 RANGE

In this catalogue, we present the ABUS Security-Center **Danger Detectors range for 2016**.
You can find extensive information on all of our products on our partner portal at www.abus.com/partner

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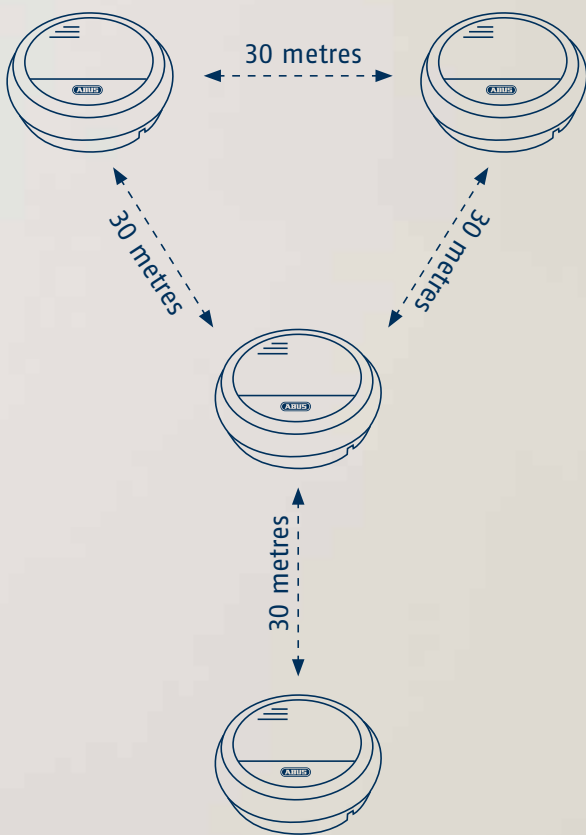
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STAND-ALONE AND COMBINATION DETECTORS



In Germany, Austria and Switzerland, around 550,000 fires are reported annually, resulting in 500 fatalities and around 6500 injuries, and causing damage to property amounting to over EUR 1 billion each year in private households alone. Around 70% of fire victims are taken by surprise while they are sleeping, with smoke alarm devices immediately sounding the alarm and waking them. For cost-effective basic protection, stand-alone detectors are all that is required. Genuine alarm precision (reduced risk of false alarms) can be provided by combination detectors, which also have a heat detection function. Depending on the model, liquid fires not resulting in visible smoke formation can also be detected, along with false alarms caused by harmless cooking fumes, steam etc. – perfect for use in household kitchens.



Detectors that communicate with one another in the event of an alarm ensure smart protection, especially in large buildings. Up to 32 wireless smoke alarm devices can be wirelessly integrated into a detector group, without the need for cables. If a fire is detected, all detectors in the building sound the alarm. The system's cascading function then allows each detector to forward the alarm signal to the next detector in the chain, multiplying the effective range of the triggering detector and ensuring optimal safety throughout the entire building.



WIRELESSLY NETWORKED SMOKE ALARM DEVICES



SYSTEM SMOKE ALARM DEVICES IN ALARM SYSTEMS



The primary reason for installing an alarm system is to ensure increased intrusion protection. However, it is also possible to integrate smoke alarm devices into alarm systems. This ensures that a fire alarm sounds not only at the detector (where it is at risk of not being heard if no-one is around), but at all alarm system components: at the alarm panel itself, via an outdoor siren on the building, and also via telephone call, text, email, push notification (Secvest app from ABUS) or via a protocol sent to an alarm receiving centre, depending on the system's configuration.

ANTI-DISMANTLING FEATURE

Item no. HSRM10000 (RM10), HSRM11000 (RM15),
HSRM20000 (RM40), GRWM30500, FURM30000



An anti-dismantling feature can prevent the unauthorised removal of a detector from the ceiling and any subsequent misuse. Similarly to a child lock, a safety device must be unlocked as directed before the device can be removed.

BEDROOM FUNCTION

Item no. HSRM30000 (RM20), GRWM30500



The installation of smoke detectors in bedrooms is recommended, and is often a legal obligation. In principle, any detector is suitable for this purpose. However, models with dimmed status LEDs are a particularly convenient solution for bedrooms.

MUTE FUNCTION

Item no. HSRM20000 (RM40), HSRM30000 (RM20),
GRWM30500, FURM30000, FURM50000



The mute function can be used to easily deactivate a (false) alarm. Pressing the test button stops the alarm signal for a few minutes. After this period has elapsed, the alarm will be reactivated if necessary. There is no need to remove the device or its batteries.

HEAT DETECTION FUNCTION

Item no. HSRM30000 (RM20), FURM30000, RM1100



With this function, a detector can also detect the increase in room temperature associated with a fire. It also responds to liquid fires without visible smoke formation, and is suitable for use in humid areas (e.g. bathrooms).

SMOKE ALARM DEVICES OVERVIEW

INSTALLATION WITH NO DRILLING REQUIRED

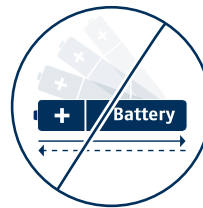
Item no. HSRM10000 (RM10), HSRM11000 (RM15), HSRM20000 (RM40), HSRM30000 (RM20), GRWM30500



Thanks to their magnetic mounting pad, all compatible smoke alarm devices can be installed on the ceiling without the need for drilling and screw anchors. The magnetic connector makes sure that the smoke alarm device remains firmly and securely attached to the ceiling.

BUILT-IN BATTERY

Item no. HSRM30000 (RM20), GRWM30500



Conventional smoke detectors are available with replaceable batteries (with a lifespan of two to three years). Detectors with built-in batteries (10-year service life) are becoming increasingly popular, and are particularly recommended for private and public residential buildings.



Article number

RM10

RM15

Description	Smoke Alarm Device, Alkaline	ABUS Smoke Detector, Lithium
	<ul style="list-style-type: none"> • Detection method: photoelectric reflection • Signal generator: Piezo with 85 dB(A) @ 3 m • Test button • Low battery warning 	<ul style="list-style-type: none"> • Optical detector to monitor visible smoke particles • Coverage: max. 40 m² within a room • Integrated very loud alarm signal • With lithium battery (up to 10 years durability)
Dimensions (H × Ø)	34 × 102 mm	34 × 102 mm
Scope of delivery incl.	Smoke alarm device • 9 V battery (alkaline) • User guide	Smoke alarm device • 9 V battery (lithium) • User guide
Required accessories	-	-



Article number

HSRM20000

HSRM30000

Description	ABUS Wireless Smoke Alarm Device (RM40)	Smoke And Heat Detector (RM20)
	<ul style="list-style-type: none"> • 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 cascable for greater safety and coverage • Clearly visible status LED 	<ul style="list-style-type: none"> • More safety through bi-sensor processor technology (smoke and heat) • Can be used in home kitchens with no false alarms from steam and temperature variations • Suitable for use in public and private residential buildings • Built-in lithium battery with up to 12 years of service life • Self-calibrating, maximum precision for real alarms
Dimensions (H × Ø)	35 × 102 mm	55 × 155 mm
Scope of delivery incl.	Wireless smoke alarm device • 9 V lithium battery • Installation material • User manual	Smoke alarm device with heat warning function • Battery (lithium, built-in) • User guide • MSS mounting system (easier drill mounting)
Required accessories	-	-



Article number GRWM30500

Description Smoke Alarm 10 Years

- Recommended installation locations: bedrooms, living rooms, children's rooms and hallways
- Battery lasts 10 years – integrated low battery warning
- 3 V lithium battery, permanently installed
- Reliable warning against potentially fatal smoke inhalation risk
- Large test button for test alarms and muting

Dimensions (H × Ø) 33 × 99 mm

Scope of delivery incl. Smoke alarm device • Battery (lithium, built-in) • User guide

Required accessories -



Article number FURM30000

Article number FURM50000

Description Privest Wireless Smoke/Heat Detector

Description Secvest Wireless Smoke Alarm Device

- Detection area for each room up to 40 sqm
- Integrated piezo sounder
- LED status display
- 868 MHz FM security frequency

- Optical smoke alarm device
- Reacts to the smallest smoke particles in the air.
- With a loud, integrated piezo sounder (min. 85 dB(A) @ 3 m)
- With a loud, integrated piezo sounder (min. 85 dB(A) @ 3 m)
- Conforms to EN-14604

Dimensions (H × Ø) 53 × 108 mm

Dimensions (H × Ø) 50 × 122 mm

Scope of delivery incl. Wireless smoke alarm/heat detector • 2 × CR123 3V lithium battery • Quickguide

Scope of delivery incl. Wireless smoke alarm device • Mounting material • User guide • 3 × Battery 1,5 V AA

Required accessories -

Required accessories -

EN54



EN54



Article number

RM1000

RM1100

Description

12 V Optical Smoke Detector

12 V Differential Heat Detector

- Suitable for connecting to alarm and fire detection systems
- Detects visible smoke particles
- Self-adjusting
- Potential-free alarm relay
- Tested according to EN 54-7

- Suitable for connecting to alarm and fire detection systems
- Detects temperature changes
- Usable in damp rooms
- Potential-free alarm relay
- Tested according to EN 54-5

Dimensions (H × Ø)

46 × 100 mm

46 × 100 mm

Scope of delivery incl.

Optical smoke detector

Thermo-differential detector

Required accessories

-

-



Article number

HSZU10000

Description

Magnet Fixing Set for Smoke Alarm Devices

- Fast and clean installation without drilling
- Easy attachment and removal of the smoke alarm device with magnet connection

Dimensions (H × Ø)

6 × 70 mm

Scope of delivery incl.

Magnet fixing set for smoke alarm devices • User manual

Required accessories

-



**FLOOD DETECTORS KEEPING
YOUR HOME SAFE AND DRY**



Around 3000 homes in Germany are affected by water damage every day. Flood detectors warn residents about even small leaks so that they can intervene in time. Conventional flood detectors only emit an alarm signal from the device itself. System flood detectors can be integrated into alarm systems so that they utilise all the alarm signal options of such systems. The Secvest wireless alarm system even provides active protection; for example, washing machines can be switched off immediately via the built-in switching outputs in the event of a leak.



The CO detector from ABUS ensures alarms are sounded in time therefore saving lives. In the event of a fire, conventional smoke alarm devices protect inhabitants from the fire itself as well as the smoke and gases produced, which represent the greatest danger. Toxic gases can, however, spread through rooms without there being a fire. The invisible, odourless and deadly gas carbon monoxide (CO) can permeate any living areas that feature heating systems such as open fireplaces, gas-fired boilers, flow heaters and oil-fired boilers. If the carbon monoxide concentration in a room rises considerably higher than the normal level, the CO detector sounds a warning in the form of a loud alarm signal, and can thereby save lives.



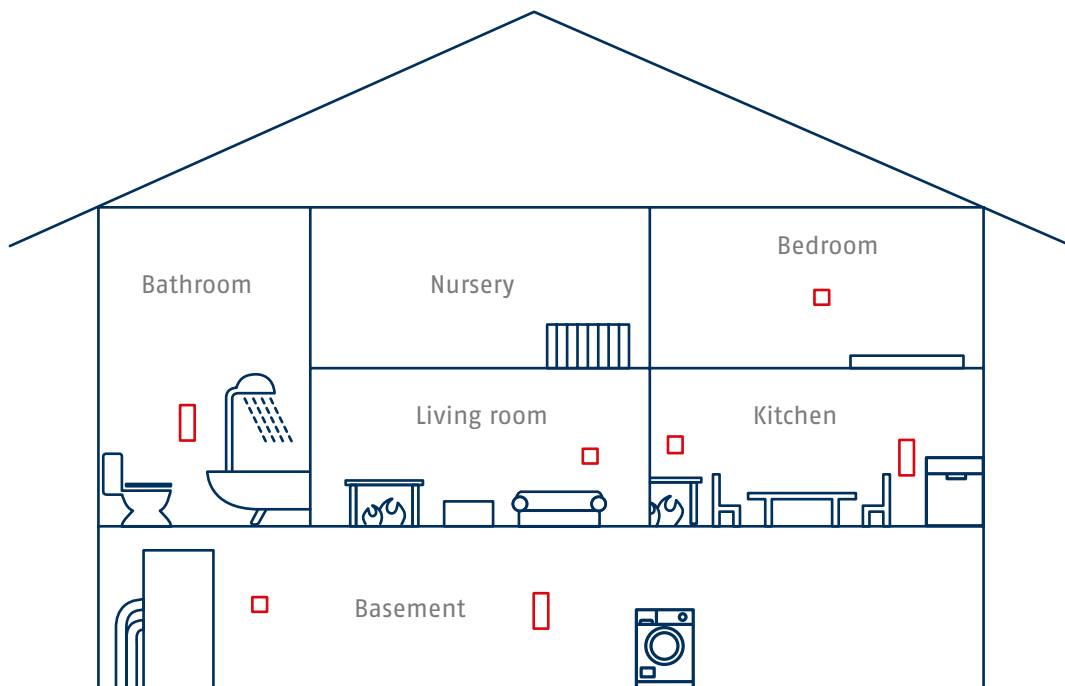
CO DETECTOR PROTECTION AGAINST A SILENT KILLER

Optimal protection: one CO detector in the

- living room
 - bedroom
 - basement
 - kitchen
 - hallway/landing
- (one detector per floor)

Optimal protection: one flood detector in the

- bathroom
- kitchen
- utility room



How to ensure you are properly protected:  Flood detector  CO detector

CO detectors give warning of a deadly threat. Alongside the installation of detectors, property owners must ensure they have their heating appliances serviced annually (ovens, gas-fired boilers etc.) Since 2013, property owners in Germany have been subject to a legal obligation to have a chimney sweep or other certified establishment inspect and document the condition of their fireplaces once a year.

Water damage – a risk that is often underestimated: water damage does not present an immediate risk to life and limb. However, even a small concealed area of pitting corrosion in a pipe is enough to ensure the spread of moisture throughout walls and ceilings. Mildew and warping of parquet flooring are just a couple of examples of the potential consequences.



Article number COWM300

Article number HSWM10000

Description	CO Detector	ABUS Flood Detector
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- Gives reliable warnings about hazardous CO concentrations in the air
- Incl. self-test function and voltage monitoring
- Powerful piezo sounder with 85 dB
- Wall-mounting and free-standing installation possible
- Sensor lifespan 7 years

- Suitable for use on the floor in the kitchen, bathroom or basement
- Immediate acoustic response to water contact
- 2 contact points – directly on the detector or placed separately (cable length approx. 150 cm)

Dimensions (W × H × D)	107 × 107 × 30 mm	60 × 102 × 35 mm
Scope of delivery incl.	CO detector • 9 V alkaline block battery • User guide	Flood detector • 9 V battery (alkaline)
Required accessories	-	-



Article number FUWM30000

Article number FUWM50000

Description	Privest Wireless Flood Detector	Secvest Wireless Flood Detector
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- Detects liquids
- Reports flood damage quickly and reliably
- Ideal for monitoring cellars, washing machines, and drains
- Flexible installation of water level sensor
- Length of sensor line: 2 m

- Suitable for use in the kitchen, bathroom, or basement
- Water-tight sensor
- Can be inverted (detects lack of water)

Dimensions (W × H × D)	30 × 118 × 27 mm	33 × 89 × 29 mm
Scope of delivery incl.	Wireless flood detector • Battery (FU2998) • Quickguide	Wireless flood detector • Battery 3 V CR2 (FU2990) • User guide
Required accessories	-	-

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SERVICE & CONTACT

Customer service

The Customer Service department is the first point of contact for new customers at ABUS Security-Center. Our customer advisers use a sophisticated and professional system in order to record and display all of the relevant information without delay. Here you will receive advice, information and assistance with your orders as well as being informed of special offers.

Sales UK	0117 204 7000
Fax orders	0117 204 7003
Email orders	sales@abus-uk.com

Sales International	+49 8207 959 90-833
Fax orders	+49 8207 959 90-152
Email orders	export@abus-sc.com

Technical support

If problems occur with our products, our technical support team are ready to take your call and work with you step by step to find a solution. And when on-site assistance is required, our technical field service representatives are on hand.

Quality assurance – Service – Production (QSP)

If a technical defect occurs, our QSP department will perform a thorough check of your equipment and repair it if possible.

Technical support UK	0117 204 7000
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Technical support International for video products	+49 8207 959 90-555
Technical support International for alarm products	+49 8207 959 90-444

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