

DANGER DETECTOR 2017 RANGE

Robust monitoring for underestimated risks: smoke and danger detectors



CONTENTS EVERYTHING AT A GLANCE



DANGER DETECTOR 2017 RANGE

In our latest catalogue, we present the **danger detector 2017 range** from ABUS Security-Center.
You can find extensive information on all of our products on our partner portal at **abus.com/partner**

PRODUCT DETAILS

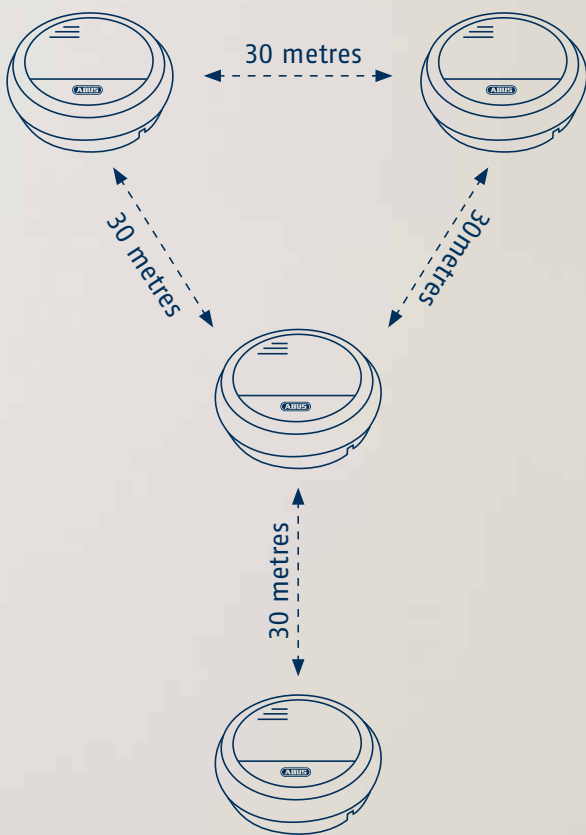
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STAND-ALONE AND COMBINATION DETECTORS



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. Around 70 % of fire victims are taken by surprise while they are sleeping, with smoke alarm devices immediately sounding the alarm and waking them up. 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 each other 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 smoke 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



SMOKE ALARM DEVICE SYSTEMS IN ALARM SYSTEMS



The primary reason for installing an alarm system is to ensure increased intrusion protection. It is also possible, however, to integrate smoke alarm devices into alarm systems. This ensures that a fire alarm sounds not only in the vicinity of 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/ Smartvest app from ABUS) or via a protocol sent to an alarm monitoring station, depending on the system's configuration.

ANTI-DISMANTLING FEATURE

Item no. 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. GRWM30500, FURM35000, HSRM30000, (RM20)



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. RM40, GRWM30500, FURM30000 FURM50000, GRWM30600 FURM350000, HSRM30000, (RM20)



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. FURM30000, RM1100, FURM35000, HSRM30000 (RM20)



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

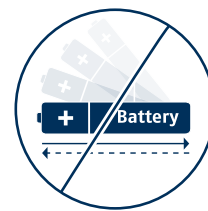
Item no. RM40 GRWM30500, GRWM30600 FURM35000, HSRM30000, (RM20)



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. GRWM30500, GRWM30600, HSRM30000, (RM20)



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.

HELPING YOU TO MAKE THE RIGHT CHOICE EVERYTHING AT A GLANCE

	Stand-alone smoke alarm devices		Combination detectors with heat alarm functionality	Wirelessly Networked Smoke Alarm Devices	System Smoke Alarm Devices in Alarm Systems				
FUNCTION	GRWM30500	GRWM30600	HSRM30000 (RM20).	RM40	FURM30000	FURM50000	RM1000	RM1100	FURM35000
Smoke	✓	✓	✓	✓	✓	✓	✓	✗	✓
Heat	✗	✗	✓	✗	✓	✗	✗	✓	✓
Wireless	✗	✗	✗	✓	✓	✓	✗	✗	✓
Suitable for network integration	✗	✗	✗	32	✗	✗	Wired	Wired	✓
Built-in battery	✓	✓	✓	✗	✗	✗	12 V	12 V	✗
Battery life	Approx. 10 years	Approx. 10 years	Approx. 12 years	Approx. 2 years	Approx. 3 years	Approx. 2 years	✗	✗	Approx. 1 year
VdS 3131/vfdb 14-01	In progress	In progress	✗	✗	✗	✗	EN 54-7	EN 54-5	✗
Q-Label	In progress	In progress	✗	✗	✗	✗	✗	✗	✗
DIN EN 14604	✓	✓	✓	✓	✓	✓	✗	✗	✓
Mute function	✓	✓	✓	✓	✓	✓	✗	✗	✓
Bedroom function	✓	✗	✓	✗	✗	✗	✗	✗	✓
Protection against dismantling	✓	✗	✗	✓	✓	✗	✗	✗	✗
LED signal lights	✓	✓	✗	✓	✓	✓	✓	✓	✓
Size (diameter)	99 mm	70 mm	115 mm	102 mm	108 mm	122 mm	100 mm	100 mm	120 mm
Adhesive mount (included in scope of delivery)	✗	✗	✓	✗	✗	✗	✗	✗	✗
Adhesive installation	✓	✓	✗	✓	✗	✗	✗	✗	✓
Test button	✓	✓	✓	✓	✓	✓	✗	✗	✓

SMOKE ALARM DEVICES



Item number

RM40

HSRM30000

Description

ABUS Wireless Smoke Alarm Detector

Smoke And Heat Detector (RM20)

- More security and larger ranges due to cascability of detectors (series circuit or star-shaped network with central detector)
- Wireless networking: 868 MHz Security-Frequency
- Reliable warning in the event of life threatening smoke development
- Lithium-Battery
- DIN EN 14604 and VdS 3515

- 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 a service up to 12 years
- Self-calibrating, maximum precision for real alarms

Certifications

EN 14604

TÜV/EN 14604

Dimensions (W × Ø)

35 × 102 mm

55 × 155 mm

Scope of delivery

ABUS Wireless Smoke Alarm Detector • 9 V lithium battery • Installation material • User manual

ABUS Smoke And Heat Detector (RM20) • Battery (lithium, built-in) • User manual • MSS mounting system (easier drill mounting)



Item number

GRWM30500

GRWM30600

Description	Smoke Alarm Detector 10 Years	Mini Smoke Alarm Detector 10 years
	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Recommended installation locations: bedrooms, living rooms, children's rooms and hallways • 10-year battery life – integrated low battery warning • 3 V lithium battery, permanently installed • Reliable warning against potentially fatal smoke inhalation risk • Large test button for manual self-testing and test alarms • Compact and attractive design
Certifications	EN 14604	EN 14604
Dimensions (W × Ø)	33 × 99 mm	33 × 70 mm
Scope of delivery	Smoke Alarm Detector 10 Years • Battery (lithium, built-in) • User manual	Mini Smoke Alarm Detector 10 years • Battery (lithium, built-in) • User manual



Item number

FURM50000

FURM35000A

Description	Secvest Wireless Smoke Alarm Detector	Smartvest Wireless Smoke/Heat Detector
	<ul style="list-style-type: none"> • 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) • Warning tone indicates weak battery and reports this to the alarm panel • Conforms to EN-14604 	<ul style="list-style-type: none"> • Smartvest extension for detecting smoke and heat • Recommended installation locations: bedrooms, living rooms, children's rooms and hallways • Low battery notification sent to the Smartvest alarm control panel • Large test button for manual self-testing and test alarms • Fast and clean installation with no need for drilling (HSZU10000 magnetic mounting kit available)
Certifications	EN 14604	EN 14604
Dimensions (W × Ø)	50 × 122 mm	32 × 120 mm
Scope of delivery	Secvest Wireless Smoke Alarm Detector • Mounting material • User manual • 3 x Battery 1,5 V AA	Smartvest Wireless Smoke/Heat Detector • 2 x AA Battery • User manual
Required accessories	FUAA50000 Secvest Wireless Alarm System	FUAA35010A Smartvest Wireless Alarm System and App – Alarm Control Panel



Item number RM1000

Item number RM1100

Description	12 V Optical Smoke Detector	12 V Differential Heat Detector
	<ul style="list-style-type: none"> • Suitable for connecting to alarm and fire detection systems • Detects visible smoke particles • Self-adjusting • Potential-free alarm relay • EN54-7 certified 	<ul style="list-style-type: none"> • Suitable for connecting to alarm and fire detection systems • Detects temperature changes • Usable in steamy rooms • Potential-free alarm relay • EN 54-5 certified
Certifications	EN 54-7	EN 54-5
Dimensions (W × Ø)	46 × 100 mm	46 × 100 mm
Scope of delivery	12 V Optical Smoke Detector • User manual	12 V Differential Heat Detector • User manual



Item number HSZU10000

Item number HSZU10100

Description	Magnet Fixing Set for Smoke Alarm Detectors	Magnet Fixing Set for Mini Smoke Alarm Detectors
	<ul style="list-style-type: none"> • Fast and clean installation without drilling • Easy attachment and removal of the smoke alarm device with magnet connection 	
Dimensions (W × Ø)	6 × 70 mm	6 × 50 mm
Scope of delivery	Magnet Fixing Set for Smoke Alarm Detectors • User manual	Magnet Fixing Set for Mini Smoke Alarm Detectors • User manual



FLOOD DETECTORS: KEEPING YOUR HOME SAFE



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 passive 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 which can be life-saving.



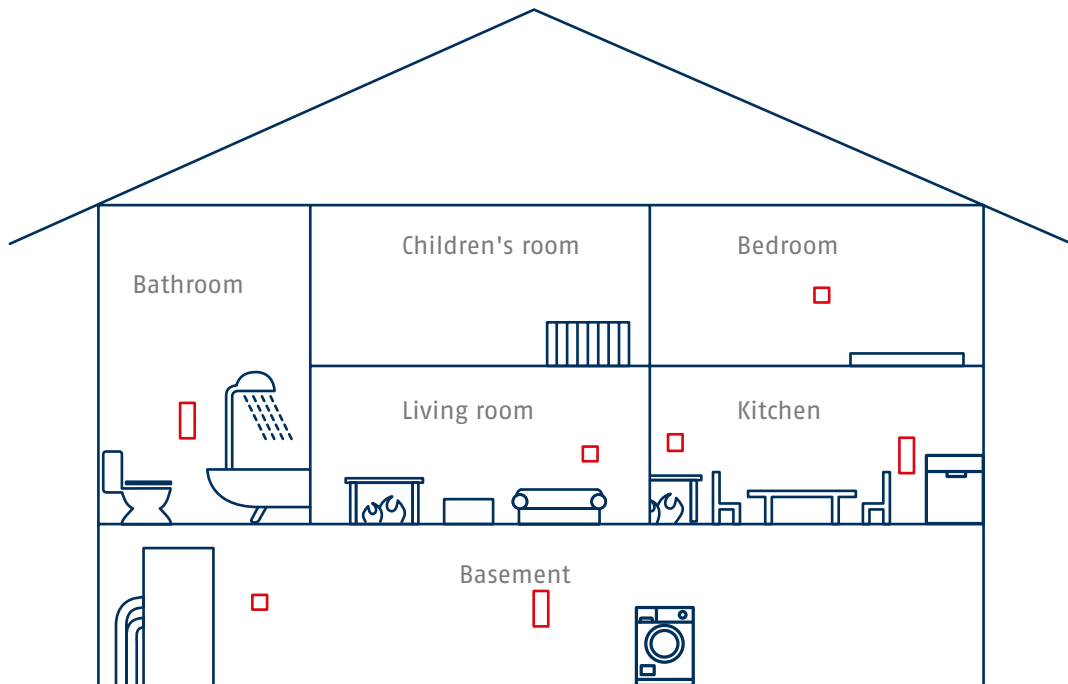
CO DETECTORS: PROTECTION AGAINST A SILENT KILLER

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 cause the spread of moisture throughout walls and ceilings. Mildew and warping of parquet flooring are just two examples of the potential consequences.

WATER AND CO DETECTORS



Item number COWM300

Item number HSWM10000

Description	CO Detector	Flood Detector
	<ul style="list-style-type: none"> • Gives reliable warnings about hazardous CO concentrations in the air • Incl. self-test function and voltage monitoring • Powerful piezo soulder with 85 dB @ 3 m • Wall-mounting and free-standing installation possible • Sensor lifespan 7 years 	<ul style="list-style-type: none"> • 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	CO detector • 9 V alkaline block battery • User manual	Flood Detector • 9 V battery (alkaline) • User manual



Item number FUWM50000

Description	Secvest Wireless Flood Detector
	<ul style="list-style-type: none"> • Suitable for use in the kitchen, bathroom, or basement • Water-tight sensor • Can be inverted (detects lack of water)
Dimensions (W × H × D)	33 × 89 × 29 mm
Scope of delivery	Wireless flood detector • Battery 3 V CR2 (FU2990) • User manual

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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 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.

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 International for video products	+49 8207 959 90-555
Technical support International for alarm products	+49 8207 959 90-444

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4 043158 068917

ABUS Security-Center GmbH & Co. KG

Linker Kreuthweg 5
86444 Affing
Germany

Tel. +49 82 07 959 90-833
Fax +49 82 07 959 90-152

export@abus-sc.com
abus.com