SAT

Kathrein Security Technology

Smart Protection for Your Home

KATHREIN

Digital Systems GmbH

KATHREIN | Digital Systems GmbH

Who we are and **what** we stand for

We ensure the best possible radio and TV reception

KATHREIN Digital Systems is the market leader for digital satellite, terrestrial, cable or IP reception and signal distribution in buildings and caravans. Our high-quality and reliable product portfolio for modern TV and radio reception is constantly being expanded to include innovative solutions in the field of building technology.

Thanks to extensive know-how in development and unsurpassed quality standards in production, our solutions and systems are among the best in their class. High-quality satellite reception systems in conjunction with sophisticated solutions for signal distribution, whether in single-family homes or in large building complexes, bring the signals to the receiving equipment in best HD quality.

New technologies such as SAT>IP, optical SAT distribution or modular headend technology for hotel TV close the gap between traditional signal distribution and modern optical fibre and network technology.

KATHREIN Digital Systems' advanced solutions are also the best choice for mobile TV reception in caravans and mobile homes.

Find out more about us at **www.kathrein-ds.com**

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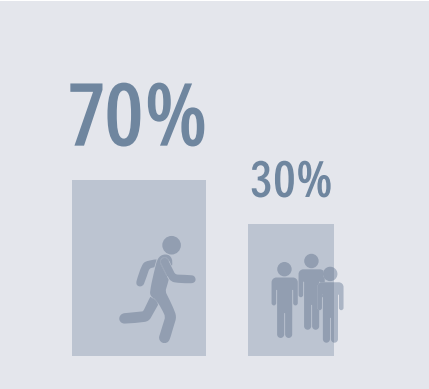
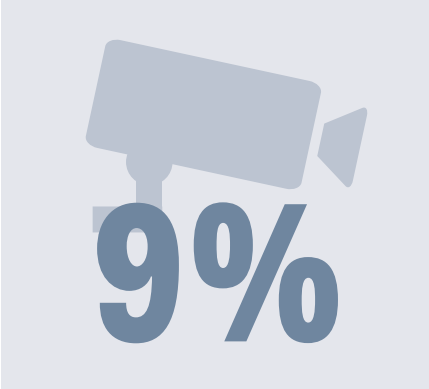
Potential Home Security Risks

In Germany, a burglary happens every 2 to 3 minutes.

The total damage caused by burglaries per year amounts to 450 million euros.



Occasional burglaries are more frequent than burglaries by organised gangs.

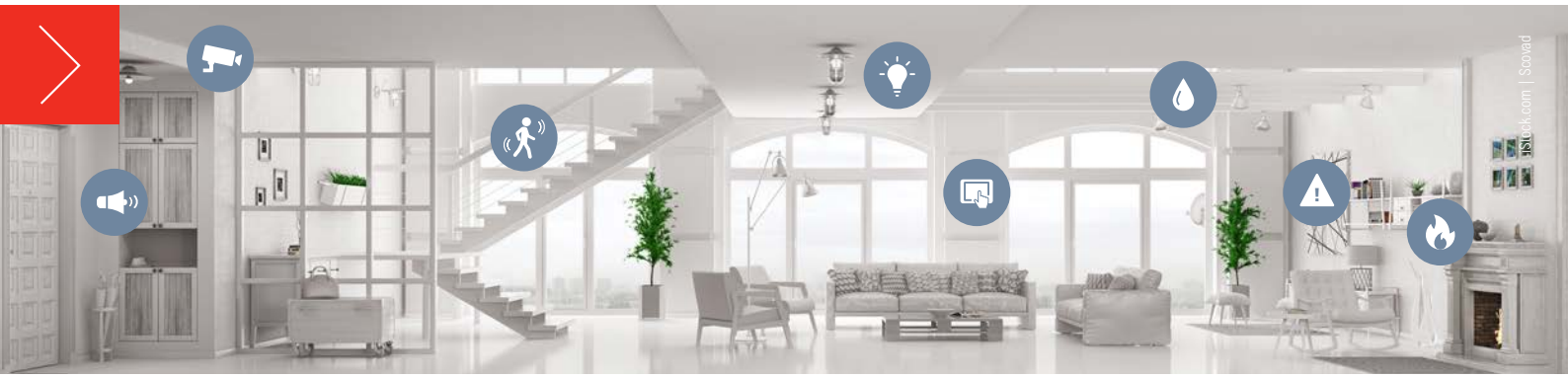


Only 9% of all German homes are secured by video surveillance or alarm systems.

If the burglary attempt lasts longer than three minutes, the burglar gives up.

There's a fire every two minutes.

Sources: Federal Statistical Office, German Green Cross, German Forum for Crime Prevention Foundation



Enjoy All-round Security for Your Home

Integration of lights, such as Philips Hue, via Zigbee Plus wireless network possible

In the event of an alarm, IP cameras enable rapid verification through live video images – even at night thanks to IR 30-m night vision range

Indoor and outdoor sirens

Smoke and CO alarms not only save your life but also your home

Alarm system is armed and disarmed via keypad

Motion detectors detect every intruder

Glass break alarms as well as door and window alarms detect and report breaking glass or attempted break-ins

The water detector sends immediate alerts at the first sign of flood damage

Our new product portfolio, a combination of electronic security measures, offers you perfect protection against break-ins and other threats. Integrated video surveillance and an alarm system with smoke, water and CO detectors cover all your security needs. On top of that, our security devices can be controlled and monitored via our smartphone app. Combining this system with mechanical security measures will result in an all-round carefree package for a secure home.
You can find this brochure and more information online at www.kathrein-ds.com.

Product Overview

Type	Order No.	Description	
FAZ 100	2220000002	Wireless Alarm Control Panel	
FBM 100	2220000004	Wireless Motion Detector	
FBM 100-2	2220000005	2-Way Wireless Motion Detector	
FWM 100	2220000013	Wireless Water Sensor	
FRM 100	2220000008	Wireless Smoke Detector	
FCM 100	2220000010	Wireless CO Detector	
FIS 100	2220000020	Wireless Indoor Siren	
FAS 100	2220000006	Wireless Outdoor Siren	
FAS 100-N	2220000019	Mains Adapter for Outdoor Siren	

Type	Order No.	Description	
FMK 100 w/b/a	2220000009/2220000015/ 2220000016	Wireless Magnetic Sensor	
FGM 100	2220000017	Wireless Glass Break Detector	
Accessories			
FKP 100	2220000007	Wireless Keypad	
FFB 100	2220000003	Wireless Remote Control	
FTR 100	2220000012	Tag Reader	
FTR 100-C	2220000018	Chip for Tag Reader	
WIK 100	2220000014	Wi-Fi IP Camera	
FRP 100	2220000011	Wireless Repeater	

Home Security Products

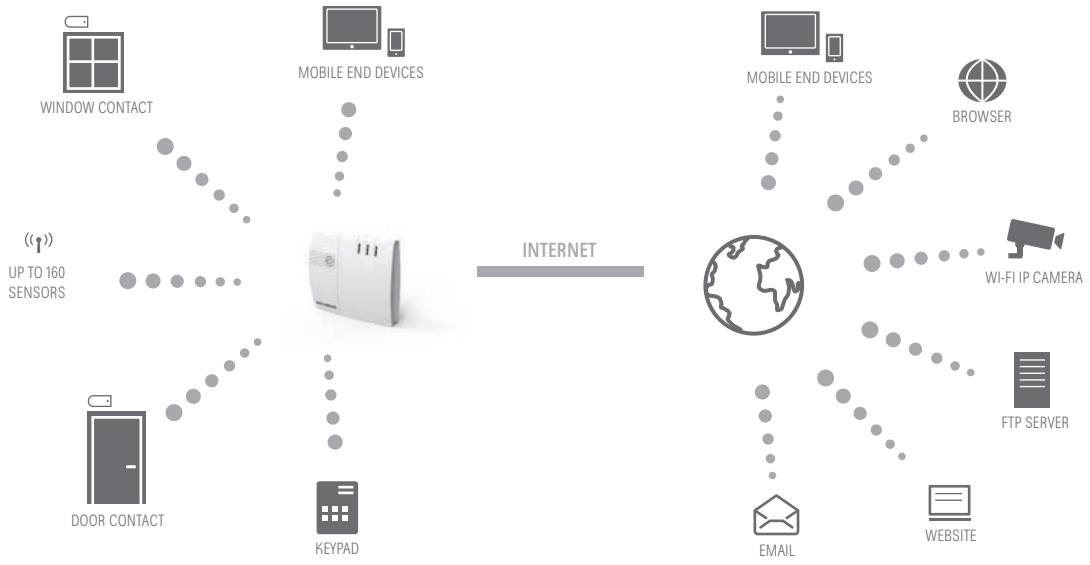
Wireless Alarm Control Panel
FAZ 100

SPECIFICS

- **Certified according to EN 50131-1 Level 2**
- **Eligible for KfW funding (up to €1,600 grants from the Reconstruction Loan Corporation)**
- **Integration of almost all IP cameras possible**

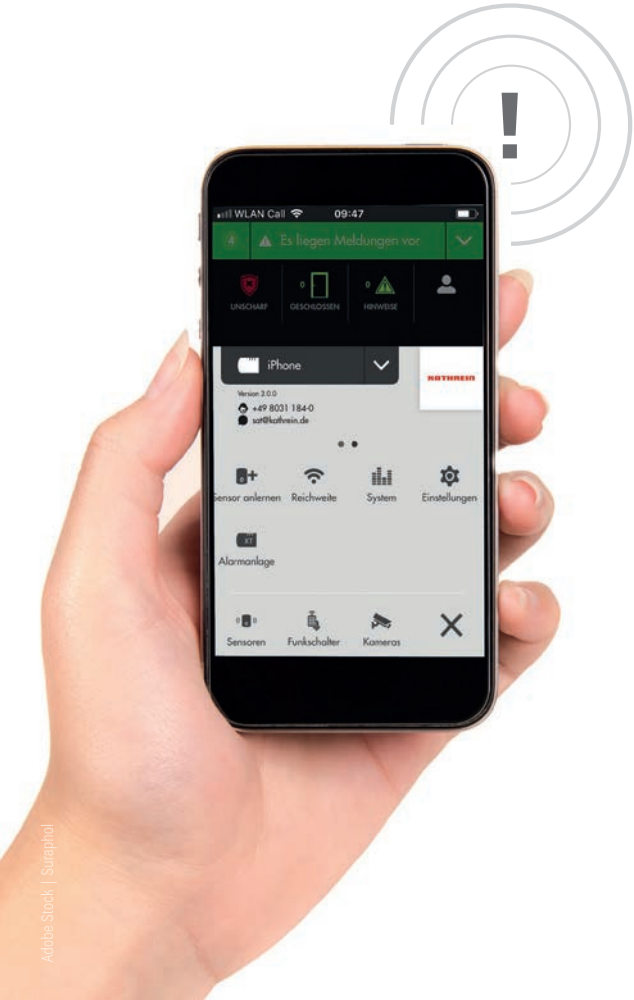
Features

- Integration of up to 160 sensors in two different zones (e.g. housing units) possible
- Integration of smoke detectors, radiator thermostats, roller shutter control and many other devices possible
- Integrated mobile communication module (3G/GPRS)
- Data protection via SSL/TLS 1.2 SHA-256 with RSA encryption
- Modern and intuitive user interface
- Access to alarm control panel via browser (PC /MacOS) or free app (iOS/Android)
- Free software updates
- Web server languages (not app): German, French, English, Spanish, Italian
- Remote access via PC (web browser), MacOS (web browser) or FAZcontrol app (iOS/Android)
- Scope of supply: Wireless alarm control panel, mains adapter, network cable, drilling template, Quick Guide



Kathrein App
FAZcontrol

The principle behind the development of this app was to be “at home on the move”. The app is available for iOS and Android devices and can be downloaded free of charge from the relevant app stores. The FAZcontrol app displays everything at a glance on the start screen: A short log list with the latest events, alarm status display, arming/disarming, direct access to sensor states, automation and cameras. The focus is on functionality and quick access.



Features

- Alarm status display
- Arming/disarming
- Direct access to sensor states, automation and cameras
- Short log list with the latest events

FAZcontrol is available free of charge for Android and iOS.
Simply browse the Google Play Store or the App Store for “Kathrein FAZcontrol”.

Adobe Stock | Suraphol

Wireless Motion Detector
FBM 100

Features
- Reliably detects and reports moving persons by means of thermal radiation
- Modern design
- Wireless transmission
- Status transmission
- For indoor installation
- Scope of supply: Wireless motion detector, screws and dowels, battery, corner bracket, manual
- Battery life approx. 4 years (battery status monitored in the alarm control panel)

SPECIFICS
- Certified according to EN 50131-1 Level 2
- Sabotage detection

2-Way Wireless Motion Detector
FBM 100-2

Features
- Wireless transmission
- Status transmission
- For indoor installation (optimum installation height: 1.9 to 2.0 m)
- Scope of supply: 2-way wireless motion detector, screws and dowels, battery, corner bracket, manual
- Battery life approx. 3 years (battery status monitored in the alarm control panel)

SPECIFICS
- PIR and microwave detector in one device
- Alarm sounds only if both detectors are triggered
- Sabotage detection

Wireless Water Sensor
FWM 100

Features
- Reliably reports water on contact
- Easy installation
- For indoor installation
- Scope of supply: Wireless water sensor, screws and dowels, battery, manual
- Battery life approx. 2.5 years

SPECIFICS
- Protects against water damage
- Alarm at the device and via alarm control panel
- Additional sensor at the bottom of the housing

Wireless Smoke Detector
FRM 100

Features
- Reports smoke development directly to the alarm control panel
- Small casing
- For indoor ceiling installation
- Scope of supply: Wireless smoke detector, screws and dowels, battery, mounting plate, manual
- Battery life approx. 3.5 years

SPECIFICS
- High-quality optical smoke detector
- Alarm at the device and via alarm control panel
- Complies with EN14604

Wireless CO Detector
FCM 100

If you have a heating system, gas boiler, stove or fireplace in your apartment or house, it is strongly recommended to fit carbon monoxide detectors close by!

Features
- For indoor wall installation
- Scope of supply: Wireless CO detector, battery, manual
- Battery life approx. 2 years

SPECIFICS
- Reliably detects and reports carbon monoxide emissions
- Status retrievable via alarm control panel

Wireless Indoor Siren
FIS 100

The indoor siren effectively deters burglars with its powerful 95 dB alarm signal.

Features
- Reliable alarm
- Scope of supply: Wireless indoor siren, manual

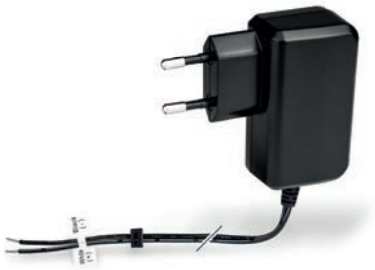
SPECIFICS
- **Wireless indoor siren (95 dB alarm volume)**
- **Simply plug into power outlet**

Wireless Outdoor Siren
FAS 100

Features
- Volume and flash adjustable via the alarm control panel
- 2-way communication
- Mains adapter can be ordered as an optional accessory (FAS 100-N, see below)
- Scope of supply: Wireless outdoor siren, screws and dowels, batteries, manual
- Battery life approx. 3 years

SPECIFICS
- **Wireless outdoor siren (110 dB alarm volume)**
- **Weather and dust-proof casing (IP 56)**

Mains Adapter for Outdoor Siren
FAS 100-N



Features
- 9 V mains adapter for FAS 100 wireless outdoor siren
- 1000 mA
- To be plugged into a power outlet
- Maximum power consumption: 9 W
- Cable length: 185 cm
- Scope of supply: Mains adapter

Wireless Magnetic Sensor
FMK 100 w/b/a

Features
- Wireless transmission
- Sabotage detection
- Status transmission (securely reports the status of doors and windows)
- For indoor installation
- Scope of supply: Wireless magnetic sensor (two parts), screws and dowels, battery, adhesive pads, manual
- Battery life approx. 5 years (battery status monitored in the alarm control panel)

SPECIFICS
- Available in white, brown, anthracite
- Certified according to EN 50131-1 Level 2
- Modern design

Wireless Glass Break Detector
FGM 100

Features
- Maximum distance to the glass 8 m
- For indoor installation
- Scope of supply: Wireless glass break detector, screws and dowels, battery, manual
- Battery life approx. 2 years

SPECIFICS
- Uses acoustic sensors to reliably detect and report breaking window glass
- No release if other glass objects in the room break

Accessories

Wireless Keypad
FKP 100

Features
- Arms and disarms the alarm system
- Function control
- Backlight
- For indoor installation
- Scope of supply: Wireless keypad, screws and dowels, battery, manual
- Battery life approx. 2 years

SPECIFICS
- Rolling code wireless encryption method
- Certified according to EN 50131 Level 2
- Key combinations can be activated for emergency, fire and burglar alarm

Wireless Remote Control
FFB 100

Features
- Arms and disarms your alarm system
- Small and handy, fits in your pocket
- Scope of supply: Wireless remote control, battery, manual

SPECIFICS
- Incl. panic button
- Rolling code
- Certified according to EN 50131 Level 2

Tag Reader
FTR 100

Features
- Arms and disarms your alarm system
- RFID
- For indoor installation
- Scope of supply: Tag reader, two tags, screws and dowels, battery, manual
- Battery life approx. 4 years (if activated twice a day)

SPECIFICS
- Rolling code wireless encryption method
- Includes two tags
- Certified according to EN 50131 Level 2

Chip for Tag Reader
FTR 100-C

Wi-Fi IP Camera
WIK 100

Features
- 2.8 mm lens with 100° viewing angle
- Simple display of live images and playback of SD recordings via app
- High-quality image sensor and signal processor
- Scope of supply: Wi-Fi IP camera, mains adapter, manual, SmartVision software

SPECIFICS
- 3 megapixels
- IR night vision up to 30 metres/98 feet
- Wi-Fi
- High-quality aluminium housing with IP 67 protection class for outdoor use

Wireless Repeater
FRP 100

Features
- Small, unobtrusive housing
- Simple installation
- For indoor installation
- Scope of supply: Wireless repeater, mains adapter, manual

SPECIFICS
- Increases the range of sensors
- Emergency power battery (rechargeable) for up to 18 hours

Your specialist supplier:

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