

Comfion Wireless-Security-System

Art.-Nr. FUAA80000

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ABUS Comfion is the wireless security system for your smart home.
Easy to install and intelligently networked with the home automation system. So that you feel safe and secure.

Reliable all-round protection

The Comfion security system reacts immediately in the event of an intrusion, emergency or water leakage. There is a choice of 160 devices such as control panel, motion detector, PIR camera and siren. Each component is easy and wireless to install. The securely encrypted radio reliably covers the house and garden. In the event of an emergency, an instant alarm is triggered - via a loud siren, in the app and to the connected security service.

Security in the smart home

Comfion uses sensors and actuators to control the home automation system. For lighting control, presence simulation or coming/leaving home scenarios.

Easy to operate: intuitive, convenient, secure

The system is operated simply via app, hand-held transmitter, stationary control panel or extra conveniently and securely at the front door via e-locking cylinder or face recognition.

Alarm control panel with video security

The compact box fits discreetly into the living room or a utility room. It only needs to be connected to the power supply and router. The integrated video memory manages and stores the recordings from four LAN cameras with alarm function and displays them in the app.

Installation by specialists

Your specialist dealer will set up the system professionally. Updates are simply installed on the control panel and components via remote access.

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Technologies

- Radio security system for reliable burglary protection & all-round protection. Secures all rooms, windows & doors; alerts locally, via app and security service, creates a high level of living comfort via smart home automation
- Very easy to operate for up to 50 people via app, remote control and control panel (wall panel); directly on the front door or garage door with e-locking cylinder (convenient and false alarm-proof), optionally with face recognition
- Comprehensive protection and convenience with up to 160 wireless components: including control panel, alarm detector (PIR motion detector, opening detector), siren, smart sensors/actuators.
- The alarm system and the smart home are always with you: Operate and control everything from anywhere via the smartphone app, receive video insights and instant alarms
- 100 smart home scenarios configurable: for example, light control / roller shutters for presence simulation, saving heating costs (motion detector), coming home sequence (system off, heating and home entertainment on)
- Secure radio connection to the Comfion alarm control panel, with a long range of up to 1,000 m (free field) and high tamper/data protection as in online banking (AES128 encryption)
- Reliable immediate alarm via push message, telephone call or direct connection to an emergency call control center (security service). With redundant communication (mobile radio/4G) for error-free, fail-safe alerting
- Video surveillance with up to 4 security cameras (model types in the list of compatible devices). With video memory for event-controlled recording (motion detection) or 24/7 continuous recording
- Compatible with ABUS access control / locking system wAppLoxx Pro and FaceXess (via Hybrid module)
- Very safe and reliable thanks to EN50131 Grade-2 certification

Technical data - Comfion Wireless-Security-System

AC power supply	100 - 240 V
Battery - quantity	1
Battery type	Lithium Ion
Certifications	EN 50131 Grade 2; VSÖ
Colour	white
Communication/ Alarm	Monitoring station, voice, SMS, email, push notification
Compatible with wAppLoxx	Yes
Connections	9 V DC-Jack, RJ45 (LAN), SATA-Connector, SIM-Card-Slot, MicroSD-Card-Slot
Decoding performance (local live view & playback)	4x 1080p @2048kbps
Depth	61 mm
Dimensions	165 x 165 x 61 mm
EN	Level 2
Emergency power supply	Lilon 7.4V 2500mAh
Environmental class	II
Event memory	Yes
Expandable (hybrid)	Yes

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Technical data - Comfion Wireless-Security-System

Expandable (radio)	Yes
External interface	Yes
Gross weight	0.596 kg
Height	165 mm
Housing material	ABS
Integrated siren	No
Length	61 mm
Max. Air humidity	85 %
Max. Emergency power runtime	12 h
Max. Max. number of detector groups	160
Max. Operating temperature	40 °C
Max. Receive range (free field)	1,000 m
Max. Transmit range (free field)	1,000 m
Min. operating temperature	-10 °C
Modulation	2FSK
Net weight	0.75 kg
Network connection	Ethernet
Network protocols	HTTPS
Number of components	160
Number of events	10,000
Number of sabotage detector groups	160
Number of users	50
Number of wire zones	0
Operating mode	App
PSTI conformity given	No
PSTI conformity needed	Yes
Power supply unit	9V / 2A
Product group	Alarm panel
Programming 1	via Web Server or App
Protection class IK	6
Protocols	NSL: SIA-DC09
Radio frequency	868 MHz
Radio networked	Yes
Radio power	25 mW
Rechargeable battery	Yes

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Remote maintenance	Yes
Security gradient	2
Sub-areas/monitoring areas	40
Tamper monitoring	Yes
VdS class	without
Video channels IP	4
Video verification	NVR (24/7 Recording - Harddrive required), event-related recording (Mirco SD card)
Voltage monitoring	Yes
WEEE group	09
standard	EN 50131-1+A3:2020, EN 50131-3:2009, EN 50131-5-3:2017
width	165 mm