INDOOR SIREN

SIREN

A wireless indoor siren designed for use indoors, offering 3 levels of volume intensity, 3 types of alarm tones and an adjustable interval of alarm sounding time. The siren also provides clear audio notifications for entry and exit delays. An integrated LED indicator enhances usability by providing visual confirmation of system activation, deactivation, and alarm events.



Data Encryption with AES Algorithm with Floating Code

The SAFEKeeper encrypted communication protocol ensures maximum protection of the security system.

Radio Signal Range up to 1000 m

Consistent and effective communication with a range of up to 1000 m in open space.

Bidirectional Information Transfer between Devices

Uninterrupted interaction between the central unit and devices using AES128 encryption.

3 Volume Levels and 3 Types of Audible Alarm Signaling

The siren provides three distinct alarm tones, each of which can be easily adjusted to suit the specific type of alert or event.

Smart Bracket for Quick and Easy Installation

Quickly mount on the surface using double-sided tape or screws and mounting hardware.

Tamper Protection Against Sabotage and Unauthorized Handling of the Device

Protects devices from sabotage or any unauthorized handling.

Firmware Update via Cloud Services

Adding new features, enhancing software security and expanding the security system capabilities.

Security Level 2 According to EN 50131

This signifies the highest level of protection for wireless components of the alarm and emergency system (PZTS) as standard.

Easy Installation of the Device

Fully prepared for use as soon as it's taken out of the box.

Protection Against Radio Signal Interference

If signal interference is detected, the user is alerted, and the device automatically switches to a clear frequency band.

Add a Device to the System by Scanning a QR Code

Adding a Indoor Siren is simple with the ProSAFE app. Just scan the device's unique QR code and configure the required functions.

Up to 3 Years of Battery Life

Powered by a replaceable battery that ensures continuous operation for up to 3 years.

Technical Specifications - Indoor Siren

Model Identification

SAFE 38130	White EAN code - 0728204234761

Interface

Indication	1× green LED
Button	1× power button

Function

Sabotage Contact	Yes (tamper)
Remote Update	Yes (Cloud)
Temperature Sensor	Yes
Search	Signal strength detection
Test Mode	Yes
Low Battery Alarm	Yes

Wireless Transmission

Carrier Frequency	868.0 MHz – 868.6 MHz
Transmitter Power (EIRP)	Limit 25 mW
Communication Type	Bidirectional
Communication Distance	Up to 1,000 m (3280.84 ft) in open space
Encryption Mode	AES128
Frequency Hopping	Yes (automatic)

Temperature Parameters

Measuring Range	-15 °C to +65 °C (+18.8 °F to +149 °F) (indoors)
Measurement Accuracy	±1 °C (± 33.8 °F)
Resolution	1 °C (33.8 °F)

Acoustic Parameters

Air pressure	84 db at 1 m (high volume) 78 db at 1 m (medium volume)
Volume adjustment	3 levels

Effective Acoustic Signalling

The Indoor Siren is a key element of the SAFE alarm system, significantly enhancing its effectiveness and ensuring an immediate response to unauthorised intrusion. The acoustic signal of the Indoor Siren is emitted at a level that is highly uncomfortable for humans. As a result, it effectively alerts to impending danger, deterring intruders and drawing the attention of anyone nearby.

A Siren That Announces Its Presence

The alarm can be activated by a breach of the area monitored by the PIR motion sensor, or by a window or door being broken through under the protection of a magnetic opening detector. The Indoor Siren greatly enhances the effectiveness of the alarm system providing a highly efficient response to intrusion. The siren is equipped with a tamper function safeguarding the device against sabotage or unauthorized handling.

Variable Alarm Situation Indication

The siren offers three different types of alarm tones that can be easily adapted to the specific alarm signal defined by the connected alarm system components. For example, it can be an alert for unauthorized entry, fire risk or flooding of the monitored area. Since an acoustic signal may not always be suitable for every situation, the ProSAFE app allows you to deactivate the sound for selected events. This flexibility ensures that each alert can be tailored to the specific requirements of the monitored environment.

Technical Specifications - Indoor Siren

General

Power Supply	2× CR123A batteries
Power Consumption	Max. 240 mW
Current Consumption	≤9 µA (operation) ≤100 mA (alarm)
Battery Life	2.5 years of operation (2 activations per week with alarm duration for 120 s)
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F) (indoors)
Operating Humidity	10 % to 90 % (RH)
Product Dimensions	81 mm × 81 mm × 26 mm (3.19“ × 3.19“ × 1.02“) (L × W × H)
Package Dimensions	137 mm × 98 mm × 57 mm (5.39“ × 3.86“ × 2.24“) (L × W × H)
Weight (net)	105 g (0.23 lb)
Weight (gross)	189.5 g (0.42 lb)
Installation	Bracket mount
Housing Material	PC + ABS
Compatibility	Hub 2 Plus LTE SAFE 38300
Compliance	CE EN 50131-1:2006+A1:2009+A2:2017+A3:2020 EN 50131-4:2019 EN 50131-6:2017 EN 50131-5-3:2017 Security Grade 2 Environmental Class II
Warranty	36 months

Easy Installation and Quick Setup

Wireless communication and battery power allow for simple installation without the need for wiring, enabling the siren to be positioned almost anywhere indoors.
Adding the siren to the system is extremely simple thanks to the ProSAFE app - simply scan the device's unique QR code and configure the desired functions. Your Indoor Siren will be fully operational and reliable within moments.

SAFEKeeper Wireless Communication

SAFE Keeper is a radio protocol designed for the SAFE wireless security system. It operates at a frequency of 868.0-868.6 MHz and provides an interference-free communication range of over 2,000 m in open areas. Protected by AES128 encryption and a bi-directional communication mechanism, it ensures enhanced security for the transmitted data. In case of radio signal interference, the user is notified and the device automatically switches to a clear frequency band. The device is reliably protected against software-level threats. SAFE Keeper delivers the maximum and effective protection of the wireless security system.

PRO SAFE

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