

OUTDOOR SIREN

SIREN



The Outdoor Siren is a wireless device designed for specifically for outdoor environments offering 3 levels of volume, 3 types of alarm tones and an adjustable alarm duration. The siren includes a group of 12 LEDs providing a bright and highly visible optical alert. The unit is built to withstand demanding weather conditions.



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 1600 m

Stable and efficient communication with a range of up to 1600 m in open space.



Bidirectional Information Transfer between Devices

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



Optical and Acoustic Alarm Signalling

The siren emits an extremely loud acoustic signal of up to 110 dB equipped with a unique visual 12 powerful LEDs alert.



Multi-Level Acoustic Alarm Signalling

Intrusion alarm, emergency alarm, fire alarm or medical emergency alarm.



IP65 Designated for Outdoor Installation

The IP65 rating provides strong protection against dust intrusion and ensures resistance to powerful water jets from all directions.



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.



Tamper Protection Against Sabotage and Unauthorized Handling of the Device

Protects devices from sabotage or any unauthorized handling.



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



Up to 4 Years of Battery Life

Powered by a replaceable battery that ensures continuous operation for up to 4 years.

Technical Specifications - Outdoor Siren

Model Identification

SAFE 38140	White + red EAN code - 0728204234778
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Interface

Indication	1× green LED 12× group of alarm LEDs
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 1,600 m (5249.34 ft) in open space
Encryption Mode	AES128
Frequency Hopping	Yes (automatic)

Temperature Parameters

Measuring Range	-30 °C to +70 °C (-22 °F to +158 °F) (outdoor)
Measurement Accuracy	±1 °C (± 33.8 °F)
Resolution	1 °C (33.8 °F)

Acoustic Parameters

Air pressure	110 dB at a distance of 1 m
Volume adjustment	3 levels
Alarm time	From 3 to 80 s

Prevention of Property Intrusion

The Outdoor Siren is a wireless external siren within the SAFE security system, designed to provide acoustic and visual warnings of any attempted intrusion into the protected area. When mounted on the exterior walls, it serves as a strong deterrent, creating a visible and audible barrier that discourages potential intruders. In combination with outdoor PIR detectors or IP cameras, it can effectively prevent unauthorized access by warning intruders before any actual attack or breach of the secured perimeter occurs.

An Audible and Visible Siren

The siren emits an extraordinarily loud acoustic signal of up to 110 dB, by a powerful visual alert generated by 12 high-intensity LEDs, thus providing a visual warning of intrusion into the secured area. The bright optical signalling, together with the intense acoustic alarm tone, not only alerts the surroundings to the emergency but also serves as an effective deterrent, discouraging intruders from continuing their actions in most cases. In addition to intrusion alerts, the siren can also indicate entry and exit delays as well as system activation or deactivation.

Flexible Alarm Indication Options

The siren offers multiple types of alarm indication that can be easily adapted to the specific alarm signal defined by the connected alarm system components. These may include an intrusion alarm, an emergency alarm, a fire alarm or a medical assistance alarm. However, an audible alarm is not always suitable for every situation. For this reason, ProSAFE allows you to conveniently deactivate the acoustic alert for selected events. This flexibility enables you to choose the notification method that best matches the specific alarm scenario.



Technical Specifications - Outdoor Siren

General

Power Supply	4× CR123A batteries (default), 12 V DC
Power Consumption	Max. 240 mW
Current Consumption	≤92 µA (operation) ≤1 A (alarm)
Battery Life	3.4 years of operation (1 activation every 2 weeks with alarm duration for 120 s at 80% battery efficiency)
Operating Temperature	-25 °C to +60 °C (-13 °F to +140 °F)
Operating Humidity	10 % to 90 % (RH)
Product Dimensions	200 mm × 200 mm × 52.5 mm (7.87" × 7.87" × 2.07") (L × W × H)
Package Dimensions	256 mm × 242 mm × 64 mm (10.08" × 9.53" × 2.52") (L × W × H)
Weight (net)	610 g (1.34 lb)
Weight (gross)	965.4 g (2.13 lb)
Installation	Wall 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 IV
Warranty	36 months

Suitable for Operation in Extreme Weather

The siren's housing is engineered to withstand the toughest weather conditions, operating reliably within a temperature range of -25 °C to +60 °C. Its IP65 rating ensures maximum protection against dust ingress and strong water jets from any direction. In addition, the Outdoor Siren is equipped with an integrated temperature sensor that provides a clear overview of the current temperature conditions at the installation site.

Enhanced Tamper-Resistant Security

The Outdoor Siren is equipped with an advanced tamper-detection feature that protects it against interference or sabotage attempts. If an intruder tries to remove the siren, open its enclosure, or otherwise disrupt its operation, an immediate alarm is triggered. This functionality delivers a higher level of security and ensures reliable protection against tampering, sabotage, or damage.

SAFE Keeper 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.

