

Φωτοηλεκτρικός ανιχνευτής καπνού X-SENSE SD19

X-Sense · EAN 0810194780288

Machine translation from Polski. In case of doubt the manufacturer's original document prevails.

X-SENSE

Photoelectric Smoke Detector

X-SENSE SD19

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Conforms to EN 14604:2005+AC:2008

X-Sense Innovations Co., Ltd.

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This user manual contains important information regarding the operation of the X-Sense smoke detector. Before installing and operating the detector, please read this manual carefully. If you are installing this smoke detector for other users, you must leave this manual (or a copy of it) with the end user.

Introduction

Thank you for purchasing our smoke detector. This smoke detector complies with the European standard EN 14604:2005+AC:2008 and is designed for smoke detection. Our product range is continually expanding.

Visual and Audible Signals

In an emergency, the device activates an alarm with a sound level of 85 dB within a radius of 3 m (10 feet), and the red LED flashes synchronously with the sound signal.

Battery Power

The built-in long-life lithium battery provides 10 years of operation in standby mode.

Silence Mode

The smoke detector can be silenced by pressing the Test/Silence button when non-

threatening smoke (e.g., steam) causes false alarms. The red LED blinks every 5 seconds, reminding that the smoke detector has been silenced. Press the Test/Silence button again to exit silence mode, or wait 9 minutes for the detector to automatically exit this mode. 01

Safety Information

Low Battery and Malfunction Warning. JI. IMPORTANT

This alarm generates a full audio-visual warning in case of low battery level or any

malfunction. 1. WARNINGS, NOTES, AND DISCLAIMERS INDICATE IMPORTANT

INSTRUCTIONS OR POTENTIALLY HAZARDOUS SITUATIONS. PAY SPECIAL ATTENTION TO THESE

SITUATIONS. When the battery level is low, the alarm emits one beep, and the red LED blinks every 60 seconds. 2. THIS ALARM IS NOT INTENDED TO WARN PEOPLE

WITH HEARING IMPAIRMENTS. CONSUMPTION OF ALCOHOL

OR DRUGS MAY ALSO IMPAIR THE ABILITY TO

HEAR THE ALARM SIGNAL. 1 x alarm unit

Contents of the package 1 x mounting bracket

2 x screws

2 x wall plugs

1 x user manual

4. THIS DEVICE DOES NOT DETECT FLAMES, HEAT, CARBON

MONOXIDE, OR OTHER HAZARDOUS GASES. JI. WARNING

1. NEVER IGNORE ANY ALARM. FAILURE TO RESPOND MAY

RESULT IN SERIOUS INJURY OR DEATH. 2. THE SILENCE FUNCTION IS FOR YOUR

CONVENIENCE ONLY AND WILL NOT SOLVE THE PROBLEM. AFTER

EVERY ALARM, ALWAYS CHECK THE HOME FOR POTENTIAL

PROBLEMS. FAILURE TO RESPOND MAY RESULT IN INJURY

OR DEATH. 3. TEST THIS SMOKE DETECTOR ONCE A WEEK. IF THE DETECTOR

DOES NOT FUNCTION PROPERLY, REPLACE IT IMMEDIATELY! IF

THE DETECTOR DOES NOT FUNCTION PROPERLY, IT WILL NOT

WARN YOU OF THE PROBLEM. 02 03

NOTE: If the smoke detector is installed in the kitchen, ensure it has

Positioning during installation

an easily accessible silence button, and install it as far away from the stove and

sink as possible to avoid false alarms. 1. First, install the smoke detector in the bedroom and hallways and ensure that

the alarm signal will be audible from all sleeping areas. In a home with multiple

bedrooms, install a detector in each one. If you plan to install only one smoke detector in the entire house, place it as close as possible to all bedrooms, and not in the basement or utility room. 2. Install the detector above the staircase and on each floor of the house. 3. Smoke, heat, and everything that burns spread horizontally after rising to the ceiling, so install the detector in the center of the ceiling whenever possible. Ensure that the detector is installed at a minimum distance from the corner. 4. If the detector cannot be installed in the center of the ceiling, install it at a distance of 50 cm (20 inches) from the corners of the room. Garage Living Room Kitchen 5. If the detector is mounted on the wall, it should be installed 10–30 cm (4–12 inches) from the ceiling. 6. If the length of the room or hallway exceeds 900 cm (30 feet), multiple detectors should be installed in the same room. 7. When the wall or ceiling is sloped, the detector should be mounted within 90 cm (3 inches) of the highest point of the wall or ceiling (measured horizontally) in the room.

Smoke Detectors Smoke and Carbon Monoxide Detectors

Carbon Monoxide Detectors Fire Extinguishers

WARNING

1. THIS ALARM SHOULD BE INSTALLED BY A

TRAINED PERSON. 1

2. ALARMS SHOULD NOT BE USED AS A SUBSTITUTE FOR

PROPER INSTALLATION, USE, AND MAINTENANCE OF

FUEL-BURNING APPLIANCES, INCLUDING PROPER

VENTILATION AND EXHAUST SYSTEMS. 3. TO PREVENT INJURY, THIS DEVICE MUST BE

SECURELY

ATTACHED TO THE CEILING OR WALL IN ACCORDANCE WITH

THE INSTALLATION INSTRUCTIONS. 4. BATTERIES SHOULD NOT BE EXPOSED TO EXCESSIVE

HEAT,

SUCH AS DIRECT SUNLIGHT, FIRE, ETC.

Installation Method

1.

Using the mounting bracket, mark the holes for screws on the ceiling or wall. NOT IN THIS

NOT IN THIS 2. Drill holes in the two marked locations using a drill bit of the appropriate size.

Insert the wall plugs and screw the mounting bracket in place using the included screws.

ANYWHERE HERE 3. Attach the sensor to the mounting bracket and turn it to the right to lock it in place. 4. Test the smoke sensor according to the instructions in the section below. ... L. (3ft) (3ft) 06 07 1. Press the test button. 2. The device will emit 3 beeping sounds. 3. During the beeping sound, the red LED will flash 3 times every 4 seconds. 4. After the test is completed, the alarm will automatically return to standby mode. NOTE: The test function allows you to check the operation of the smoke sensor circuit without the need to conduct a smoke test. If the smoke sensor does not emit a sound, refer immediately to the troubleshooting instructions at the end of this manual. Never use an open flame to test this device.

LED Indicator	Sound Signal	Status
Red LED flashes	Standby mode	No sound once every 60 seconds
Red LED flashes 3 short, quick beeps three times every 4 seconds.	Test mode	Red LED flashes 3 short, quick beeps three times every 4 seconds.
Red LED flashes	Alarm mode	three times every 4 seconds.
Red LED flashes	Mute mode	No sound once every 5 seconds.
Red LED flashes	Low battery	1 beep every 60 seconds once every 60 seconds.
Red LED flashes 2 beeps every 40 seconds twice every 40 seconds.	Alarm test Fault	

Before testing, the alarm must be properly mounted on the mounting bracket. 08 09 2. The smoke sensor should be cleaned at least once every 3 months: remove the device from the ceiling and clean the sensor cover and ventilation holes using a vacuum cleaner equipped with a soft brush attachment to remove dust and dirt. 3. Never use detergents or other solvents to clean the device. Technical specifications Power 10-year lithium battery (non-replaceable) Sensor type Photoelectric Safety standard EN 14604:2005+AC:2008 4. Avoid spraying air fresheners, hairspray, or other aerosols near the sensor. 5. Do not paint the device. Paint will block the ventilation holes and interfere with the sensor's ability to detect fire. Operating temperature 4-38°C (40-100°F) Relative humidity <85% (non-condensing) 6. Never attempt to disassemble the device or clean its interior. This will void the warranty. Alarm volume >85 dB at 3 m (10 feet) at frequency 3.2 ± 0.3 kHz (pulsating alarm) 7. After removing the smoke sensor, place it back in the appropriate location as soon as possible to ensure continuous fire protection. Mute mode duration Approximately 9 minutes 8. When using household cleaning agents or similar contaminants, ensure proper ventilation of the room.

NOTES 1. Battery life is calculated based on current parameters in standby mode, established as a result of weekly tests. If operating conditions change towards increased load, battery life will be shortened accordingly. 2. The smoke sensor operates at temperatures from 4 to 38°C (40 to 100°F). Prolonged exposure to temperatures outside this range may shorten the battery life and affect operational accuracy. We do not recommend using the device outside this range. Troubleshooting PROBLEM SOLUTION Your smoke sensor does not activate • Check if the alarm is properly mounted to the mounting bracket. during

the test. • Make sure you press the test button firmly. To ensure proper operation of the smoke sensor, perform the following simple actions: • Check where the smoke sensor is located (see "Installation Location"). False alarms occur sporadically or when residents 1.

Once a week, check if the sound signal and alarm indicator are working properly.

- Clean the smoke detector (see "Maintenance").

The battery level is low. The red LED flashes, and the alarm emits one sound signal every 60 seconds. The battery is permanently installed in the device and cannot be replaced.

Immediately replace the device.

Battery data:

Type: Built-in lithium battery

Net weight: 0.1656 kg

Capacity: 1600 mAh

Power: 0.003 kWh

The red LED flashes, and the alarm emits two sound signals every 40 seconds. The permissible cadmium (0.002%) or lead (0.004%) content has been exceeded: no

Battery serial number: CR123A – Huiderui

Responsible entity

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Environmental Protection

Used electronic equipment marked according to the European Union directive must not be disposed of with other municipal waste. It is subject to selective collection and recycling at designated points. By ensuring its proper disposal, you prevent potential negative consequences for the natural environment and human health. The collection system for used equipment complies with locally applicable environmental protection regulations regarding waste disposal. Detailed information on this can be obtained from the municipal office, cleaning facility, or the store where the product was purchased. The product meets the requirements of the so-called New Approach directives of the European Union (EU) concerning safety, health protection, and environmental protection, identifying hazards that should be detected and eliminated. This document is a translation of the original user manual created by the manufacturer. Detailed information about the

distributor/manufacturer's warranty conditions is available on the website <https://serwis.innpro.pl/gwarancja>

The product should be regularly maintained (cleaned) by the user or through specialized service points at the user's cost and responsibility. In the absence of information about necessary periodic or service maintenance actions in the user manual, the user should regularly, at least once a week, assess the physical condition of the product against that of a physically new product. If any deviation is detected or identified, urgent maintenance (cleaning) or service steps should be taken. Failure to properly maintain (clean) and respond upon detecting a state of deviation may lead to permanent damage to the product. The guarantor is not responsible for damages resulting from negligence.

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Warnings and Safety Information

All information regarding the use of the product can be found in the user manual. Before using it, familiarize yourself with its content and follow the instructions provided. Also, review the following information before use:

Usage Warnings

Child Hazard:

- The product is not a toy and is not suitable for children.
- Smart home components contain small parts and electronic components that may pose a choking hazard.
- Keep devices away from children to avoid accidental swallowing of small parts or damage to the product due to improper use.
- Installation and configuration of the product should be carried out by an adult.

Electric Shock Risk:

- All electrical devices must be installed according to the user manual and safely, preferably by a qualified specialist.
- Ensure that the device is disconnected from the power source before proceeding with installation or maintenance.
- Never use damaged cables, plugs, or sockets to prevent the risk of short circuit or electric

shock.

Device Damage Risk:

- Do not expose devices to extreme temperatures, moisture, or contact with water unless the manufacturer has specified the device as waterproof.
 - Avoid using devices in environments that may cause them to overload.
 - Do not manipulate devices that are connected to power, nor attempt to open them, to avoid permanent damage or loss of warranty.
 - Do not expose the product to impacts, falls, strong shocks, and other factors that could cause damage.
- Physical safety:
- For digital locks and video intercoms, ensure they are mounted securely and in a location in accordance with the manufacturer's recommendations. Improper installation may affect their effectiveness and safety.
 - For controllers and thermostats, ensure that the installation does not obstruct access to important systems, e.g., heating or electrical systems.
- Risk of improper use:
- Ensure that users are aware of the correct way to use the devices, e.g., correctly entering codes for digital locks or using the mobile app to control devices.
 - For smart sockets and energy consumption meters, ensure that the connected devices comply with the maximum load parameters specified by the manufacturer.
- Wireless connectivity

Data protection:

- Most smart home actuators use Wi-Fi, Bluetooth, or Zigbee connectivity. Secure your devices with a strong password and enable two-factor authentication if available.
 - Regularly update the software of devices and mobile applications to ensure data security and protection against unauthorized access.
 - If possible, ensure that all data transmitted between devices is encrypted to prevent interception by third parties.
- Access management:
- Limit access to mobile applications and smart home devices to trusted users only.
- Regularly review the list of devices connected to the system and remove those that are no longer needed or may pose a security risk.
- For digital locks, change access codes regularly and remove codes of users who should no longer have access to the premises.
- Information on proper use

Installation and configuration:

- Ensure that devices are installed and configured according to the manufacturer's instructions. For more advanced installations, it is recommended to seek assistance from a qualified professional.
 - Check that all components are properly installed to avoid loosening or damage during use.
 - When installing sensors, ensure they are placed in locations that will provide optimal effectiveness.
- Maintenance and care:

● Regularly check the condition of the devices to ensure that the mechanisms are functioning correctly and do not require maintenance. ● Ensure that the power ports of the devices are free from dirt and show no signs of wear or damage. ● Video intercoms and energy consumption meters should be regularly cleaned using a soft cloth. ● Do not clean devices with strong detergents that could cause damage. User safety:

● For digital locks, never share access codes with unauthorized persons. ● If devices offer remote control functionality, ensure that only authorized users have access to the application. Storage:

● Store the product in a dry place, away from heat sources, extreme temperatures, and moisture. Additional precautions

Service and maintenance:

● In case of any problems with the devices, contact an authorized service center. ● Do not attempt to open or repair devices yourself to avoid further damage or loss of warranty. Safe disposal:

● Used devices and their components, such as batteries, must be disposed of in accordance with local regulations regarding electronic waste. ● Do not throw devices in municipal waste – contact your local electrical equipment collection point. If you need additional information regarding the product, contact customer service (email: hurt@innpro.pl, website: <https://innpro.pl/>) or another specialist.