

# SMART ROOF PLATFORM

## User Manual

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## 1. Safety instruction



Protect the device against sunlight, high temperature, and humidity. These factors can reduce the device's performance or even damage it permanently.



Under no circumstances should the device come into contact with wet hands or other parts of the body. It may cause an electric shock.



Do not use force or heavy objects on the device. They can damage the equipment as well as injure the user.



Do not use damaged or non-insulated cables. This could lead to electric shock.



Use only a dedicated power source 120V/60Hz. Using the wrong connection methods may result in a breakdown or an accident. Permanent damage to the device is also possible.



Do not try to repair it yourself. You can damage the device and expose yourself to dangerous voltages and other hazards. Contact an authorised service centre for repair.



Do not remove the device cover and do not insert any objects into the device.



Beware of invisible laser radiation. Protect your eyes, and don't look into the bunch. Inappropriate handling of the device may adversely affect your health as well as damage your eyesight.

## 2. Description of the Sense S-One roof structure monitoring system

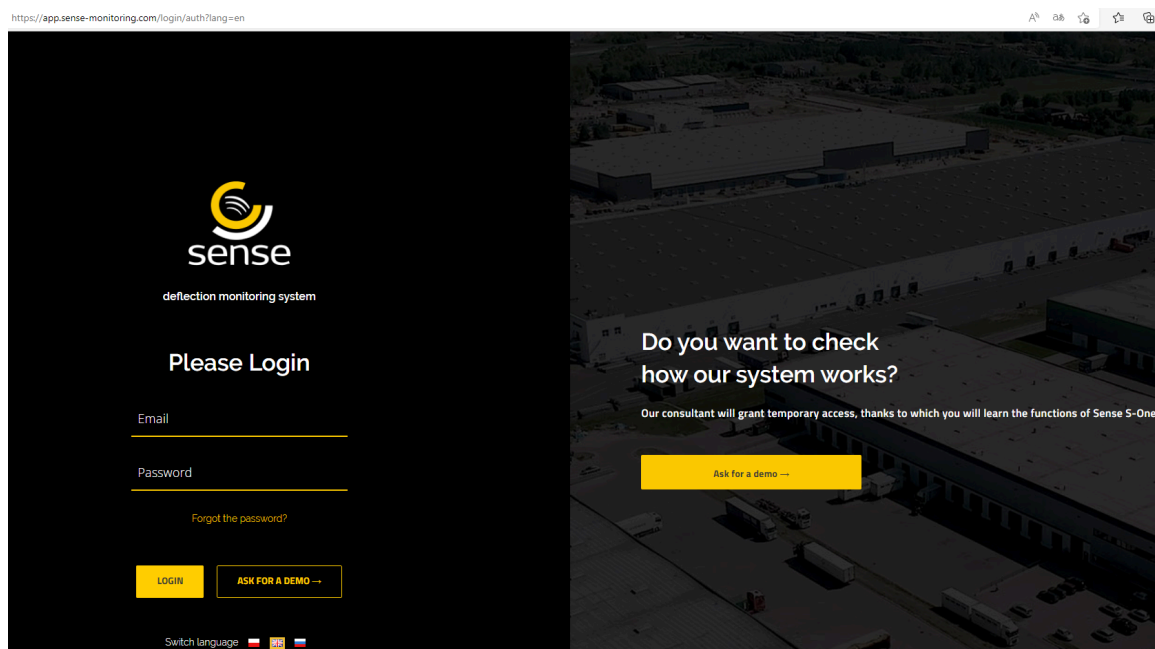
The Sense S-One system controls the safe operation of flat roofs by measuring the deflection arrow of the steel structure of the roof and informing about exceeding the alarm levels. The Sense S-One system will inform you about the risk associated with the snow load on the roof.

The system consist of:

- S-One Sensors that measure structure deflection
- Gateway which collects data from Sensors and sends to the cloud computing
- An application that presents data and sends notifications about the load of the roof structure to the end user. There are three levels of danger, after reaching each of them notifications are sent. Users are notified first at 50% of the maximum deflection, the second at 70% of the maximum deflection. The snow removal should start at 80% of maximum deflection.

## 3. Sense Smart Roof Application login instruction

### Login Screen



Registered users can log in to the SMART ROOF web application from any web browser at:  
<https://app.sense-monitoring.com/login/auth>.



The login and password are sent to users via SMS to the telephone number provided when registering a new user. Usually, the login is an e-mail address.

To register a new user, please send an application to [service@sense.com.pl](mailto:service@sense.com.pl) with your first name, e-mail address and telephone number.

From the same screen, you can change your password by clicking the "Forgot your password?" Button.

At the bottom of the screen, you can change the language version.

NOTE: The number of user accounts available is specified in the contract.

Smart Roof mobile application download link for Android



Smart Roof mobile application download link for iOS



The current app function manual is available here



#### 4. Warranty and Service Conditions for the Sense Smart Roof System

A.

Warranty:

1. SENSE MONITORING Sp. z o.o. provides a warranty for performance in accordance with the recognized rules of technology and the function it is to perform, and ensures its good quality.
2. The condition for maintaining the warranty is concluding a service contract of the user with SENSE MONITORING Sp. z o.o. signing a service contract regulating the issues of servicing, including access to the system, technical and maintenance inspections on site and online, and user support by the Service Department of SENSE MONITORING Sp. z o.o.

B.

Responsibility:

1. SENSE MONITORING Sp. z o.o. is not responsible for interruptions in the proper functioning of the System caused by the lack of electricity supply.
2. SENSE MONITORING Sp. z o.o. is not responsible for interruptions in the proper functioning of the System caused by incorrect operation of the Internet connection.
3. Any liability of SENSE MONITORING Sp. z o.o. is excluded in the following cases:
  - a. any interference by the user or a third party with the elements or devices of the System, as well as their arrangement, levelling or configuration;
  - b. Use of devices of the SENSE MONITORING Sp. z o.o. S-One in a manner other than their intended use;
  - c. mechanical (physical) damage to the devices of the SENSE MONITORING Sp. z o.o. caused during their exploitation;
  - d. system damage resulting from force majeure, in particular from weather conditions;
  - e. loss by the user of the System devices or any of their elements, including the event of their theft.

C.

Service:

1. Malfunctions of the system should be reported immediately to the Service Department of SENSE MONITORING Sp. z o.o. by phone at +48 791 125 555 or by e-mail at the following e-mail address: [service@sense.com.pl](mailto:service@sense.com.pl).
2. System repairs are carried out by qualified and authorised representatives of the SENSE MONITORING Sp. z o.o. at the place where the System is installed. In justified cases, the employees of the Service Department may take the device for further tests at the headquarters of SENSE MONITORING Sp. z o.o. In this case, a replacement device with adequate parameters will be installed.

D.

Device support:

1. Installed devices do not require any maintenance on the part of the user, apart from ensuring uninterrupted power supply to the system.
2. Maintenance of the system is carried out by an authorised Sense Service based on the service agreement.

## 5. FCC Instructions

### FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**FCC Interference Statement** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from which the receiver is connected

Consult the dealer or an experienced radio/TV technician for help.

### FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could avoid the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## 6. ISED information

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

This device may not cause interference.

This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

L'appareil ne doit pas produire de brouillage;

L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.