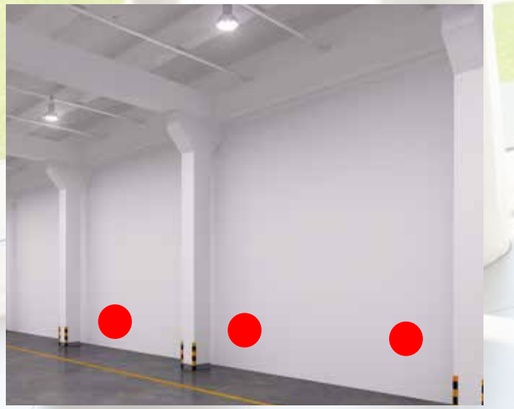
SPC PRO

Indoor dual-tech shock detectors

DEA SECURITY®

RANGE



SPC PRO is a range of **stand alone detectors** for the protection of:

- **doors and windows**
- **walls**
- **glazed surfaces**

RANGE

SN-SPCP-FDR1M

SN-SPCP-FDR1

SN-SPCP-FDR2M

SN-SPCP-FDR2

SPC PRO is composed of **four detectors**:

- two for doors and windows
  (each of them available with and without magnetic contact)

RANGE

SN-SPCP-FWL

SN-SPC-GL

- one for walls
- one for glazed surfaces

RANGE

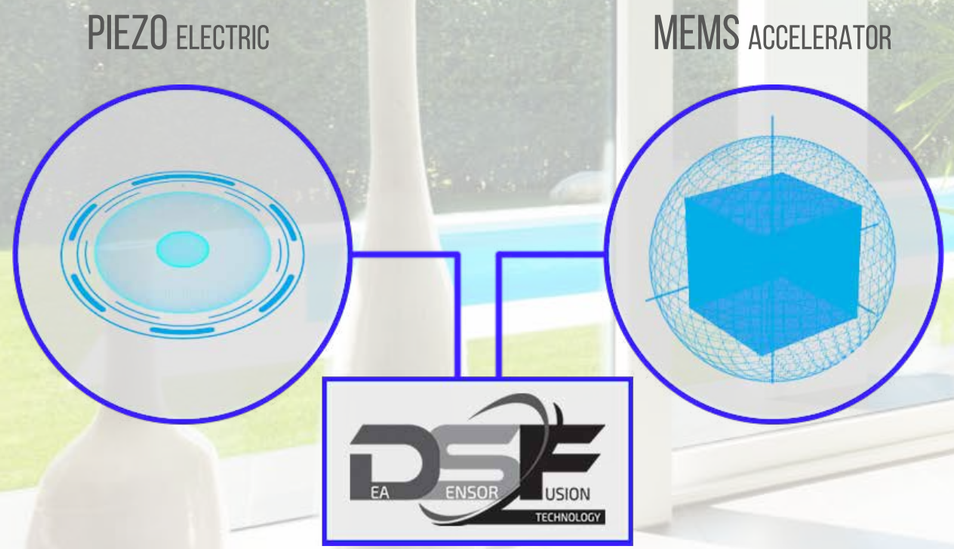
The detectors perceive the impacts and the vibrations generated by attempts of **forcing**, **breaking through** or **drilling** the protected structure.

RANGE

FDR1x and FWL models employ the new **DEA Sensor Fusion** (DSF), technology and can be calibrated by means of a **modern service mobile app** using a **WI-FI** connection.

DSF DEA SENSOR FUSION TECHNOLOGY

DSF TECHNOLOGY

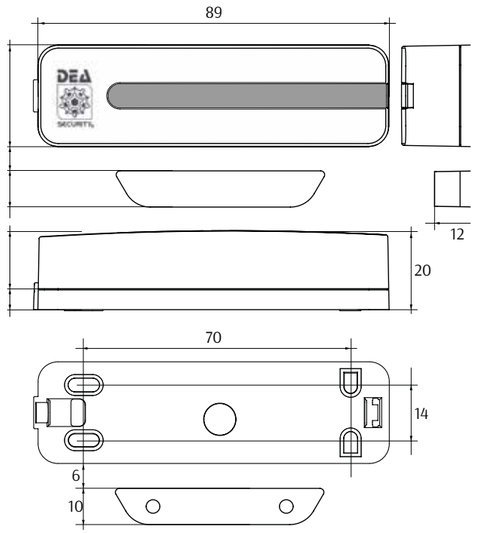


DSF technology employ **two different sensitive elements**: a well-proven **PIEZOELECTRIC** transducer and a **MEMS** accelerometer. The signals received by each transducer are fused and processed using **Intelligent Adaptive Algorithms**: such algorithms enhance the key benefits of both of the technologies to obtain an unmatched reliability.

DETECTORS FOR DOORS AND WINDOWS

SN-SPCP-FDR1M detector protects doors and windows against **burglary**, **breaking through**, **drilling** and **opening events**.

The detector employs tamper devices to signal sensor removal, magnetic masking and case opening. A model without magnetic contact is also available under part number **SN-SPCP-FDR1**.



- Security grading: designed in accordance with Grade 3
- Environmental class: designed in accordance with Class II

EN reference standards: EN 50131-2-8 and EN 50131-2-6 CE

DSP DEA SENSOR FUSION TECHNOLOGY

DETECTORS FOR DOORS AND WINDOWS

Configurations and calibrations are performed via service app for Android and iOS mobile devices.

By app you can select **three default configurations in accordance with standard EN 50131-2-8** (window, wood and concrete) or **fine-tune the parameters** related to the single attack modes (burglary, breaking through and cutting/drilling).

SPC PRO

SN-SPCP-FDR1(M)

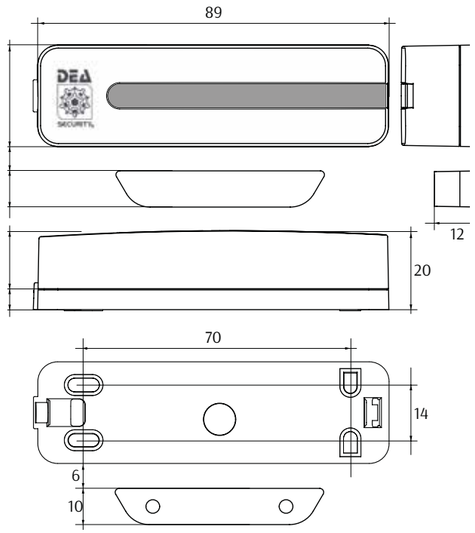
KEY BENEFITS

- **Calibration and configuration via WI-FI** mobile app
- Magnetic contact with **anti-masking technology** (FDR1M version)
- **Anti-removal device** detecting the removal of the sensor from the structure
- **Tamper device detecting the case opening and the magnetic tamper events**
- **Easy calibration** per type of structure or **advanced custom calibration**
- **Multi-colour LED** for alarm signalling and configuration activities

DETECTORS FOR DOORS AND WINDOWS

SN-SPCP-FDR2M detector protects doors and windows against **burglary**, **breaking through**, **drilling** and **opening events**.

It employs tamper devices to signal the removal and the opening of the sensor. A model without magnetic contact is also available under part number **SN-SPCP-FDR2**.



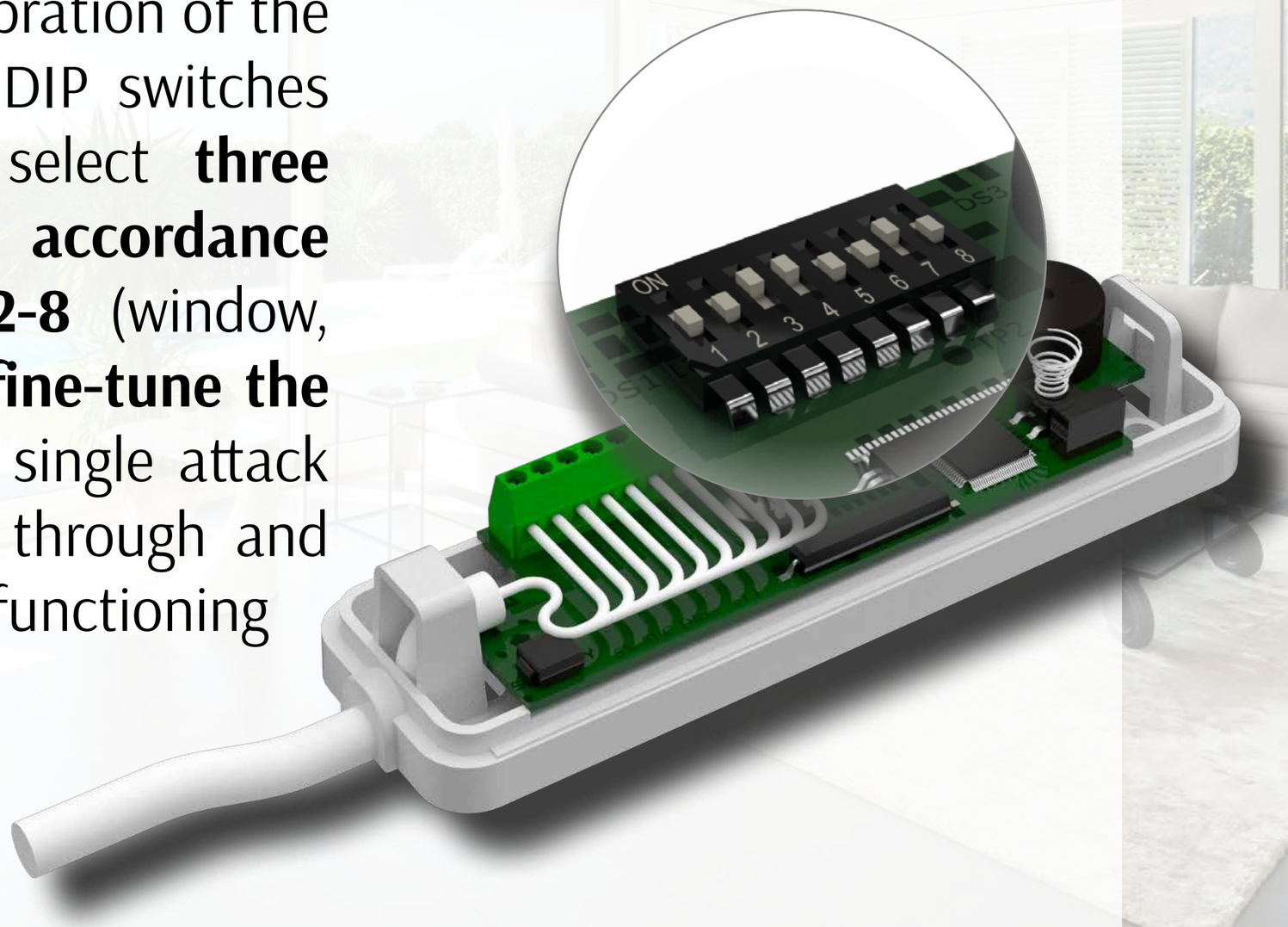
- Security grading: designed in accordance with Grade 2
- Environmental class: designed in accordance with Class II

EN reference standards: EN 50131-2-8 and EN 50131-2-6 CE

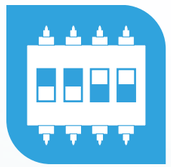
DSP SENSOR FUSION TECHNOLOGY

DETECTORS FOR DOORS AND WINDOWS

Unlike FDR1 model, the calibration of the detector is performed via DIP switches through which you can select **three default calibrations in accordance with standard EN50131-2-8** (window, wood and concrete) or **to fine-tune the parameters** related to the single attack modes (burglary, breaking through and cutting/drilling) and to the functioning of the sensor.



KEY BENEFITS



Calibration and configuration via **DIP switches**

Anti-opening magnetic contact (FDR2M version)

Anti-removal device detecting the removal of the sensor from the structure

Tamper device detecting the case opening

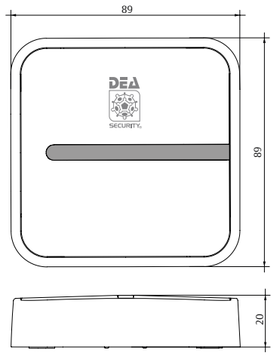
Easy calibration per type of structure and **custom calibration**

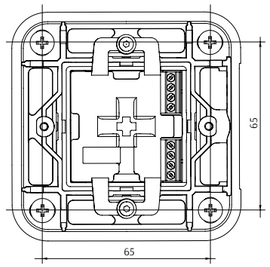
Multi-colour LED for alarm signalling and configuration activities

DETECTORS FOR WALLS

SN-SPCP-FWL seismic detector protects walls against **breaking**, **breaking through** and **drilling events**.

It can be installed on different types of walls, including walls made of bricks, tuff or armoured concrete. The detector employs tamper devices to signal removal, opening and thermal sabotage of the sensor.





- Security grading: designed in accordance with Grade 3
- Environmental class: designed in accordance with Class II

EN reference standards: EN 50131-2-8

CE

DSF DEA SENSOR FUSION TECHNOLOGY

SPC PRO

SN-SPCP-FWL

KEY BENEFITS

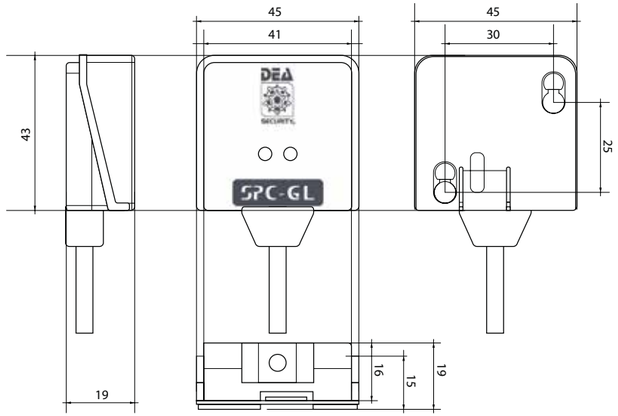
- **Calibration and configuration via Wi-Fi** mobile app
- **Protection of any type of masonry or armoured concrete wall**
- **Thermal tamper** device
- **Anti-removal device** detecting the removal of the sensor from the structure
- **Tamper device detecting** the sensor case opening
- **Cable entry from each side** and available interior compartment for cabling

KEY BENEFITS

- **Simplified calibration** per type of structure and **advanced custom calibration**
- Remote command to reduce sensitivity
- Remote command for **self-test**
- **Multi-colour LED** for alarm signalling and configuration activities

DETECTORS FOR GLAZED SURFACES

Equipped with anti-removal tamper, magnetic anti-masking and resistor balancing of the output lines, **SN-SPC-GL** is the most reliable and comprehensive seismic sensor for **glass break detection**.

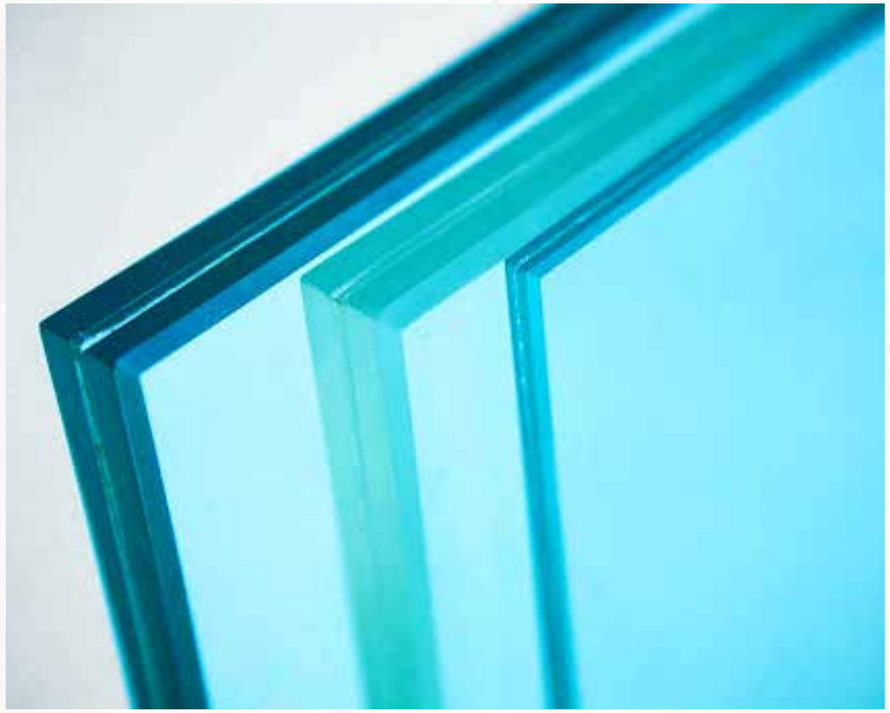


- Security grading: designed in accordance with Grade 2
- Environmental class: designed in accordance with Class II

EN reference standard: EN 50131-2-7

CE

DETECTORS FOR GLAZED SURFACES

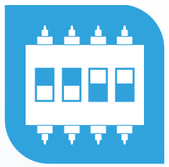


Thanks to the **digital sensitivity adjustment** on four levels, the detector works best on any type of glass, including **multi-layer and reinforced glass**.

DETECTORS FOR GLAZED SURFACES

It can be fixed to glass **in any plane and orientation** by means of the adhesive tape supplied with it.
The malicious or accidental removal of the sensor is immediately signalled as tamper alarm.

KEY BENEFITS



Calibration via **DIP switches**

Compatible with **any type of glass**

Anti-removal device which detects the removal of the sensor from the structure

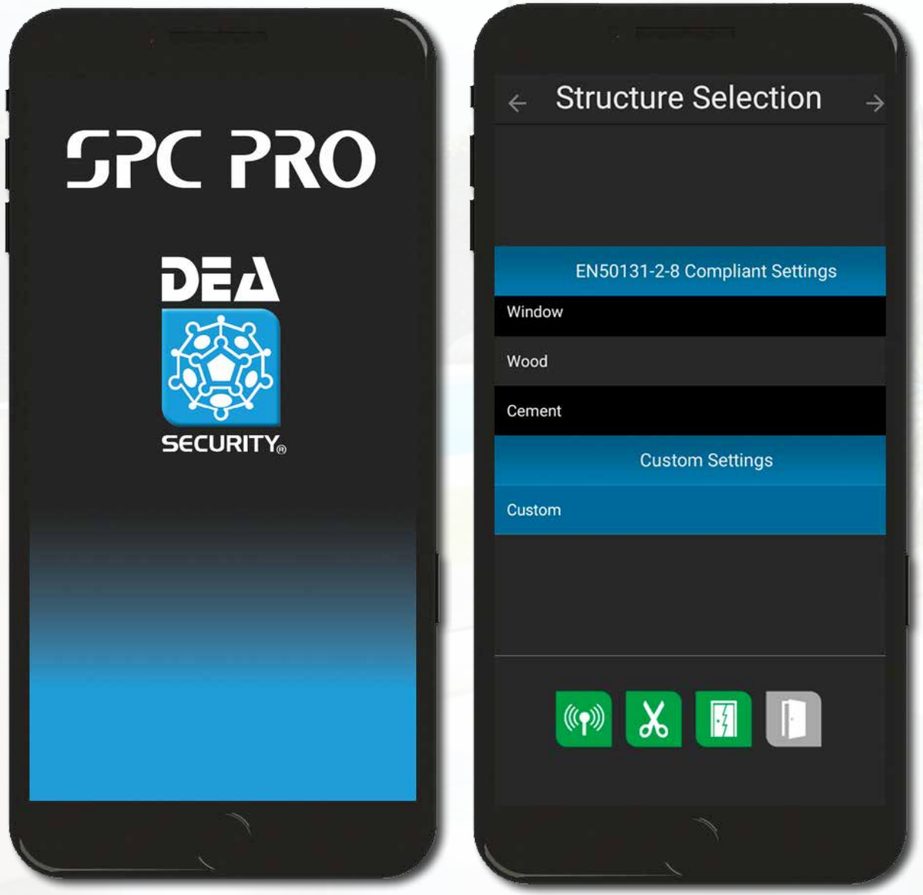
Automatic restore after alarm

Easy calibration on 4 sensitivity levels

Multi-colour LED for alarm signalling and configuration activities

Very low consumption

SERVICE APP



DISPONIBILE SU App Store

DISPONIBILE SU Google Play

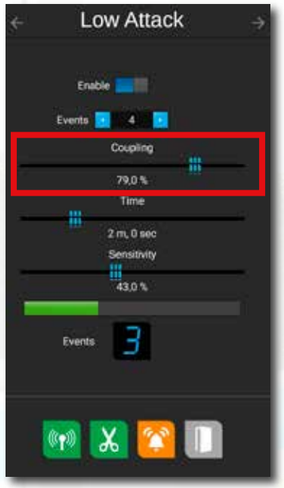
SN-SPCP-FDR1, SN-SPCP-FDR1M and SN-SPCP-FWL detectors are equipped with a service app which can be **downloaded free of charge for iOS and Android mobile devices**; this app enables you to configure and calibrate the detectors in a centralized way, using a Wi-Fi connection. Once connected, the app automatically recognizes the sensor model and displays the related configuration tools.

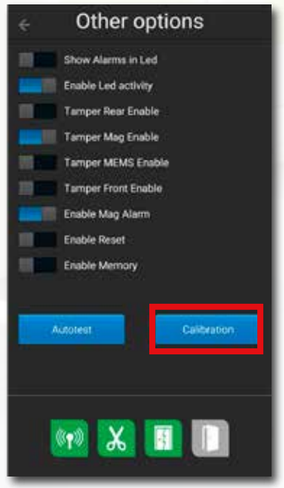
SERVICE APP

By App you can select a **default calibration** in accordance with standard 50131-2-8 or a **custom calibration**; the latter enables you to:

- calibrate the **sensitivity** (adjustable for breaking through events, as well);
- set the **number of events** triggering the alarm;

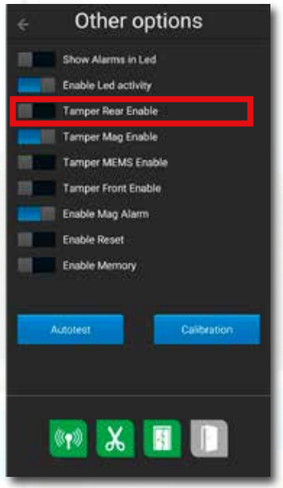
SERVICE APP





- Configure the **Reset Time** between one count and the other;
- set the ***coupling***, that is the PIEZO/ MEMS ratio coefficient.
- Calibrate the **magnetic sensor** (SN-SPCP-FDRxM models only);

SERVICE APP



- view in real-time the **signal graph** and the **event counting**;
- **enable/disable the status LED** and configure its behaviour;
- **recognize the specific alarm event** thanks to explicative graphic icons.

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