



SERIE A03PRO

Indoor intrusion detection system with mobile app

NEW



SERIE A03PRO is an intrusion detection system for the protection of windows, doors, glasses, walls and burglar bars. It is an **evolution of the historical SERIE A03** sensor range, which boasts tens of thousands installations in villas, banks, police stations, shopping centres and luxury shops.

SERIE A03PRO employs the proven detection technology of its predecessor, **able to detect cuts and drilling performed with core drills or diamond discs**. Such technology is here coupled with new features such as the **configuration and calibration via mobile app**, the native support, the star topology and the two-conductor balanced sensors.

Following the example of SERIE A03, SERIE SPC and XENSITY, DEA Security has designed SERIE A03PRO as a line of **specialized detectors**: each sensor protects a specific type of structure, where it provides the maximum performance without compromise.



SENSORS

PROCESSING BOARD



SN-A03P-DRM

It protects windows and doors, skylights and relevant glazed surfaces from **shock, opening and break through** actions. It is equipped with anti-removal device and with anti-masking magnetic contact.

A single sensor can cover a detection area of approximately 4 m².

Complies with Security Grade 3 – Environmental Class II according to EN 50131-2-6:2008 (IMQ certificate no CA12.01833).

SN-A03P-GL

It protects the glazed surfaces from **break, drilling** and **break through** actions. Easy and quick to install, the sensor is fixed to glass by means of the adhesive tape provided with it.

A single sensor can cover a detection area of approximately 4 m².

*Security grading: designed in accordance with Grade 2 (EN 50131)
Environmental classification: designed in accordance with Class II (EN 50131)*



SN-A03P-GR

It protects burglar bars from **cut, break and break through** attempts. Designed to operate outdoors, the sensor is equipped with a metal housing and the connection cable is wrapped with a metal tube.

A single sensor can cover a detection area of approximately 4 m².

*Security grading: designed in accordance with Grade 1 (EN 50131)
Environmental classification: designed in accordance with Class III (EN 50131)*

SN-A03P-WL

It protects walls from **drilling** and **break through**. In case of masonry walls, a single sensor can cover a detection area with a ray of 1,5 m, enabling you to install a detector every 3 m. The sensor is equipped with an anti-removal device which signals the attempt of removing the detector from the protected structure.

*Security grading: designed in accordance with Grade 3 (EN 50131)
Environmental classification: designed in accordance with Class II (EN 50131)*



BR-A03P-Z4

The electronic processing board manages all the models of A03PRO sensor. Using **high-efficiency digital filters**, it processes the analog signals coming from the detectors and generates the alarm states (if any) by differentiating them by type of attack: prealarm, shock (low shocks), break through (gross attacks), drilling (continuous shocks). The board also signals the tamper of the sensors (removal, cable cut) and power fail.

BR-A03P-Z4 is equipped with 4 channels: each channel accepts up to 2 sensors of the same type, for a total amount of 8 sensors. The board also provides 10 solid state NC outputs: 4 outputs for Shock/Break through Alarm (one each channel), 4 outputs for Opening Alarm (one each channel), General Tamper, Power Fail.

THE APP FOR MOBILE DEVICES

A03PRO system is equipped with a service app, which can be downloaded free of charge for iOS and Android mobile devices; **the app enables you a centralized configuration and calibration of the detectors, by using a secure Wi-Fi connection**. Unlike Bluetooth wireless technology, the Wi-Fi connection covers longer distances: this makes it possible to do the calibrations from a room or floor which is not the one where the processing board is placed.

For each of the 4 channels, you can:

- **calibrate the sensitivity** independently for low shocks, gross attacks and continuous shocks;
- **set up the number of events** which trigger an alarm (low shocks and continuous shocks);
- **set up the memory time** for the event counting (low shocks);
- **activate/deactivate the thermal expansion filter** (gross attacks);
- **view the intensity of the signals** perceived by the sensors thanks to a real-time graphic bar.

Regardless of the screen viewed, the app allows you to monitor in real time the state of all the channels and to know the specific alarm event thanks to explicative graphic icons.



SERIE A03 PRO

Smart system for indoor protection



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