

# aeos

## Always armed. Even when you disarm it.

Intrusion detection



# More security, less investment.

Businesses often see intrusion detection systems as a burden rather than a safety-enhancing tool. This perception is usually based on past experiences with many false alarms, frequent operating errors and high costs related to alarm follow-up. With AEOS, you can simply arm and disarm the system, whether for one location or for all your sites worldwide. The unique security controller that handles not only intrusion data, but also video images and access control data, guarantees that you get fast and comprehensive updates from your entire security system. The intrusion detection system is certified in accordance with the European Standard EN50131, so you know that you are using reliable, certified components.

## Unlimited scalability.

AEOS intrusion detection is the most scalable system on the market. Using AEOS, you can add unlimited new users, zones and locations, anywhere in the world. The system is not only supremely scalable, it is also very flexible in other respects. For example, you can easily modify the authorizations needed to switch the system on and off; for added security, you can combine PINs with cards, add a 4-eyes requirement, or include biometric verification.

## Everything under control.

Even if your system comprises a large number of detectors, zones and locations, they are easy to control in AEOS. A clear, web-based graphical user interface allows you to switch the various zones on and off from any location and, if desired, shows information from video cameras and access control.

All data – personal data, authorizations, PINs and locations – are stored in a single database. As soon as you deny a person access, AEOS also prevents that individual from operating the intrusion detection system. This is an easy way to ensure that former employees' authorizations are permanently and completely revoked. Since you are controlling this centrally, your system is always up to date. This saves you time and increases the level of security in your company.

## Fewer unnecessary alarms.

The security controller combines intrusion detection with access control, reducing unnecessary alarm notifications. When an alarm zone is armed, doors remain locked even if a valid access card is presented. Access is granted only when the alarm zone has been disarmed. Doors also remain locked while the alarm is being armed. This prevents unnecessary alarms triggered when people accidentally open a door.



## **Fast response time.**

When an alarm occurs, AEOS makes it easy to interpret and respond. You can immediately see where the alarm has occurred, the alarm zone's status and whether an authorized cardholder is nearby. You can even see live or recorded video images. The security controller's unique ability to link this information to your intrusion detection system enables you to respond appropriately to each event.

## **Easy interpretation.**

The graphic alarm handler makes interpreting and processing alarm notifications even easier. This is because AEOS has a direct connection to sensors and cameras. No other systems intervene. When an alarm occurs, you are notified immediately. The AEOS alarm handler then indicates which steps you need to take. AEOS also records how alarms are dealt with, recording the actions performed and possible additional comments made. AEOS's Guard Tour functionality provides support for security guards on their rounds and allows security managers to check whether protocol is followed.

## **Connected everywhere.**

The web-based graphic alarm handler also works on your tablet or smartphone, so you are always connected to your intrusion detection system. To ensure that no alarm goes unnoticed, AEOS can also notify you via text message or email whenever an irregularity occurs. AEOS continues to monitor your security policy and parameters, even when your attention is elsewhere. Using AEOS you can limit the number of connections to your incident room. You can link each location sepa-

rately or register all locations together via a single link, which cuts incident room costs. In the event a link is lost, a back-up via GPRS ensures that you always stay connected.

## **Quick clarity.**

Because AEOS records all events, alarms and video images in a single database, all events are easily retrievable if clarification is needed. You may be looking for the person who disarmed an alarm zone, or for the video images linked to a particular alarm notification. In either case, you will find clearly time-stamped data, leaving no room for doubt in an investigation.

## **Invest in the future.**

If you are not in a position to replace your existing intrusion detection panels, AEOS is the solution. AEOS can connect them anyway. Using a simple connector it is possible to arm and disarm the existing systems and to forward alarms to AEOS. If you connect 'smarter' intrusion panels such as Galaxy and Alphatronics, you will receive more detailed information on the alarms and the people who operated the system. This way you continue to get the most out of your previous investments, while also benefiting from the advantages offered by AEOS.

## **Security Redefined**

"Because AEOS intrusion detection is scalable, I know I can always expand the system if the need arises. It's modular, so my initial investment is lower. And because the security controller links intrusion detection, video images and access control, I have total control, and I always know exactly what's happening, real-time."





## Specifications.

### Intrusion Base Panel.

- Certified in accordance with EN50131.
- Scalable and easy to expand, on a stand-alone basis or integrated in AEOS.
- Processor unit: 256MB RAM, 2GB storage, 800 MHz CPU
- Includes I/O unit with 16 inputs and 10 outputs.
- Freely configurable EOL (end of line) resistors.
- Interface for intrusion LCD keypad operating panel.
- Compatible with Chiron IP dialer (Iris Touch 640, certified in accordance with EN50131-1, class 4).
- 230VAC power supply.
- Suitable for 2 x 17Ah, 12V batteries (not included).
- Easy installation over IP.

### Intrusion expansion panel.

- Certified in accordance with EN50131.
- Expansion unit for basic intrusion panel.
- I/O unit with 16 inputs and 10 outputs.
- Freely configurable EOL (end of line) resistors.
- Interface for intrusion keypad with LCD screen.
- 230VAC power supply.
- Suitable for 2 x 17Ah, 12V batteries (not included).

### Intrusion I/O unit.

- Certified in accordance with EN50131.
- Expansion unit for basic intrusion panel.
- I/O unit with 16 inputs and 10 outputs.
- Freely configurable EOL (end of line) resistors.
- Interface for intrusion keypad with LCD screen.

### Intrusion LCD keypad reader.

- Certified in accordance with EN50131.
- Card reader with keypad and LCD screen.
- Slim design with interactive touch responsive keys.
- Simple menu control thanks to softkeys.
- Integrated dual card reader for Nedap and Mifare (DESfire EV1) card technology.

### Nedap Security Management

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