

AGATE & AOCD-260

OUTDOOR DUAL CURTAIN DETECTORS



Security curtain

Invisible protection of your premises

Introducing AGATE & AOCD-260

An intruder alarm system should protect the entire facility – both its interior and surroundings. Discover our curtain detectors: ready to protect your building boundary, as well as site perimeter.



Protection of:

- boundary building walls
- perimeter fences
- entry gates or garage doors
- windows, both inside and outside
- designated indoor areas
- entrances equipped with pet doors

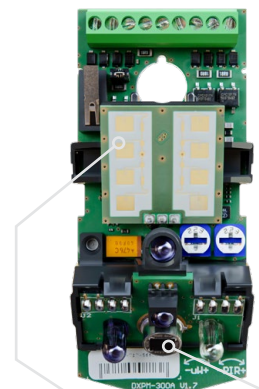
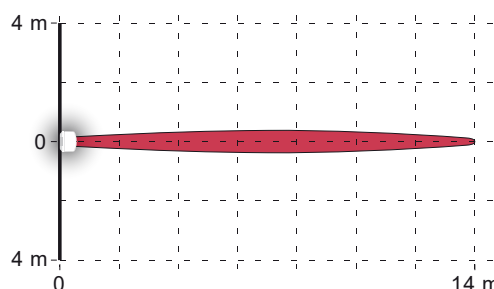
Reliable motion detection

AGATE and AOCD-260 feature two detection paths: infrared (PIR), and microwave (MW), using these two different physical phenomena for improved detection of movement. This translates into more reliable operation in difficult weather conditions. Utilizing two detection paths minimizes the occurrence of unwanted alarms when working in rooms with drafts or sudden temperature changes.

AGATE coverage – side view



AGATE coverage – top view



The curtain detectors have a narrow angle and a long range of detection, respectively: 10° and 14 m for AGATE, and 6° and 10 m for AOCD-260. The detection area is no more than 1 m wide.



Tight

The detector enclosures are made with two-component injection moulding technology, from polycarbonate and thermoplastic elastomer.

This solution provides the devices with an **IP54** rating, guarding them from any dust, liquid splashes, or unauthorised access to the detector interior by wire and other small elements.

If the detector needs to be additionally protected against weather or soiling, the protective HOOD A can be used.

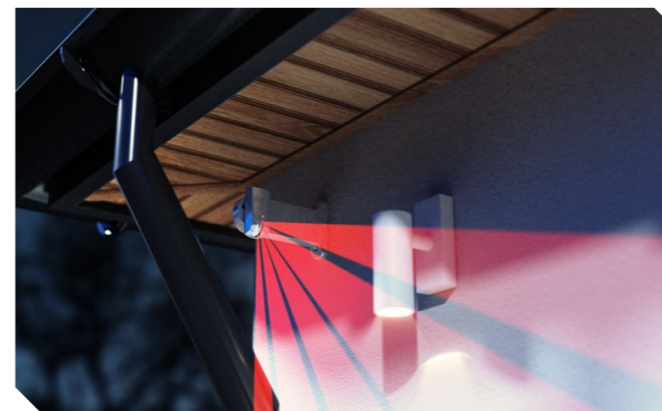


Durable

The enclosures of both AGATE and AOCD-260 are extremely durable and resistant to UV light, guaranteeing their unchanged appearance throughout the years. Our detectors can operate at temperatures between **-40 °C** and **+55 °C**.

Easy installation in any place you want

The detectors can be easily installed on uncovered, flat surfaces. When their detection range is obstructed by a rain gutter, lamp, or any other obstacle, use the dedicated **BRACKET E** holder. With this handy accessory, you can place the detectors away from walls, up to several centimetres. They're designed to allow you to hide any cabling, so the entire installation looks neat.



BRACKET E
Modular distance holder

Advanced indoor protection



AGATE

wired detector
compatible with all intruder alarm systems

The AGATE wired detector complies with the EN 50131-2-4 Grade 3 requirements. This means it can successfully protect indoor areas with higher risk of potential burglary, like jewellery shops or public institutions.

Secure

The enclosure contains elements that strengthen the devices' resistance to mechanical damage. A special recess for the lens protects it from accidental or intentional denting. Double tamper protection prevents the enclosure from being opened or detached from its mounting surface.



Anti-masking

Compliant with the EN 50131-2-4 requirements, AGATE utilizes the active anti-masking function through its infrared detection path, guaranteeing you advanced protection against:

- obstruction with various obstacles, including those with high absorption of light (black, matte, or other)
- sealing with transparent materials, for example, stretch wrap or adhesive tape
- painting over with masking material such as paint or clear varnish

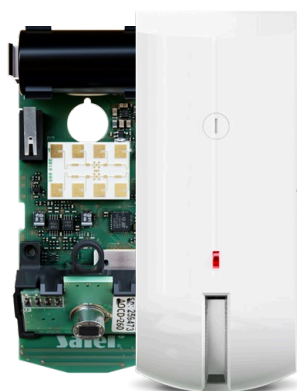


The detector lens

is protected by a retroreflector made from transparent polycarbonate. Any attempt to cover it with masking material is immediately sensed, and signalled by the detector.



Wireless security



AOCD-260

wireless detector
working within the **ABAX 2** system



Thanks to its advanced energy saving management, AOCD-260 can work **up to 8 years** on a single battery*. The battery level is constantly monitored, and the system alerts users when it's close to depletion.

*within the ABAX 2 system, with the ECO mode enabled, and depending on its working conditions

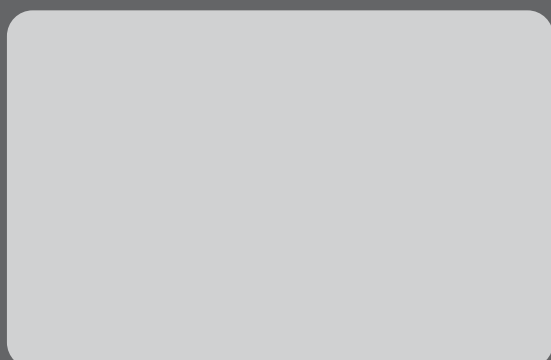
Features and properties

| | AGATE | AOCD-260 |
|--|-------|----------|
| Two detection paths: PIR+MW | + | + |
| Active IR anti-masking for indoor applications | + | - |
| Splash-proof enclosure with IP54 rating | + | + |
| Tamper protection (against opening, and detaching from mounting surface) | + | + |
| Reinforced polycarbonate enclosure | + | + |
| Digital temperature compensation to ensure correct detector operation within a temperature range of -40 °C to +55 °C | + | + |
| Tri-colour LED | + | + |
| Operation within the ABAX 2 or ABAX wireless system | - | + |
| Can operate in adverse weather conditions (rain, snow, fog, strong wind) | + | + |
| High resistance to false alarms due to auto adaptation algorithm | + | + |
| Configurable sensitivity of detection paths using potentiometers on PCB | + | - |
| Remote configuration of the detection path sensitivity using the DLOADX or ABAX 2 Soft programs | - | + |
| Low power consumption | + | + |
| Dedicated angle bracket (90°) | + | + |
| Can be mounted without additional bracket | + | + |
| Can be mounted on the adjustable BRACKET A and BRACKET B holders, or the BRACKET E distance holder | + | + |
| Option of using with protective HOOD A | + | + |

Satel®
MADE TO PROTECT

SATEL sp. z o. o.
Budowlanych 66 Str, 80-298 Gdansk, Poland
phone +48 58 320 94 00; fax +48 58 320 94 01
e-mail: trade@satel.pl

www.satel.pl



The manufacturer reserves the right to change the specification and technical data of devices.
Images shown are for general information only and may differ from actual products.
U-AGATE_AOCD-260-EN0524

30 YEARS OF EXPERIENCE

Professional protection of each type of premises, as well as people staying therein, through advanced, yet functional and cost-effective solutions – these few words may serve as the shortest description of the mission of SATEL, a manufacturer of security systems with involvement of 100% Polish capital. Due to integrity in business and a special emphasis on high quality and a wide range of products offered, the SATEL brand has been highly appreciated in the industry for 30 years.

This philosophy of management and hard work of more than 350 SATEL's employees produce tangible results. The wide range of over 400 offered products provides countless opportunities to create security, home automation, fire alarm, access control and monitoring systems, tailored to the individual needs of each user. At the same time, these systems meet all requirements prescribed by Polish and international regulations and industry standards.

Bringing the functionality of devices into line with current requirements and expectations of the market with the use of the latest technologies is one of the main objectives of SATEL. For this reason the design and production departments of the Company are continuously being modernized and expanded. A natural consequence of all actions aimed at the production of top-quality devices was the introduction of the quality management system conforming to ISO 9001 in 2002. Regardless of this certification, SATEL also carries out a full functional test of all products leaving the production line, thus ensuring reliability of the manufactured devices. Focusing on modern design and attaching importance to the highest levels of quality and functionality of its products, SATEL has gained many satisfied customers not only in Poland but also in more than 50 markets worldwide.