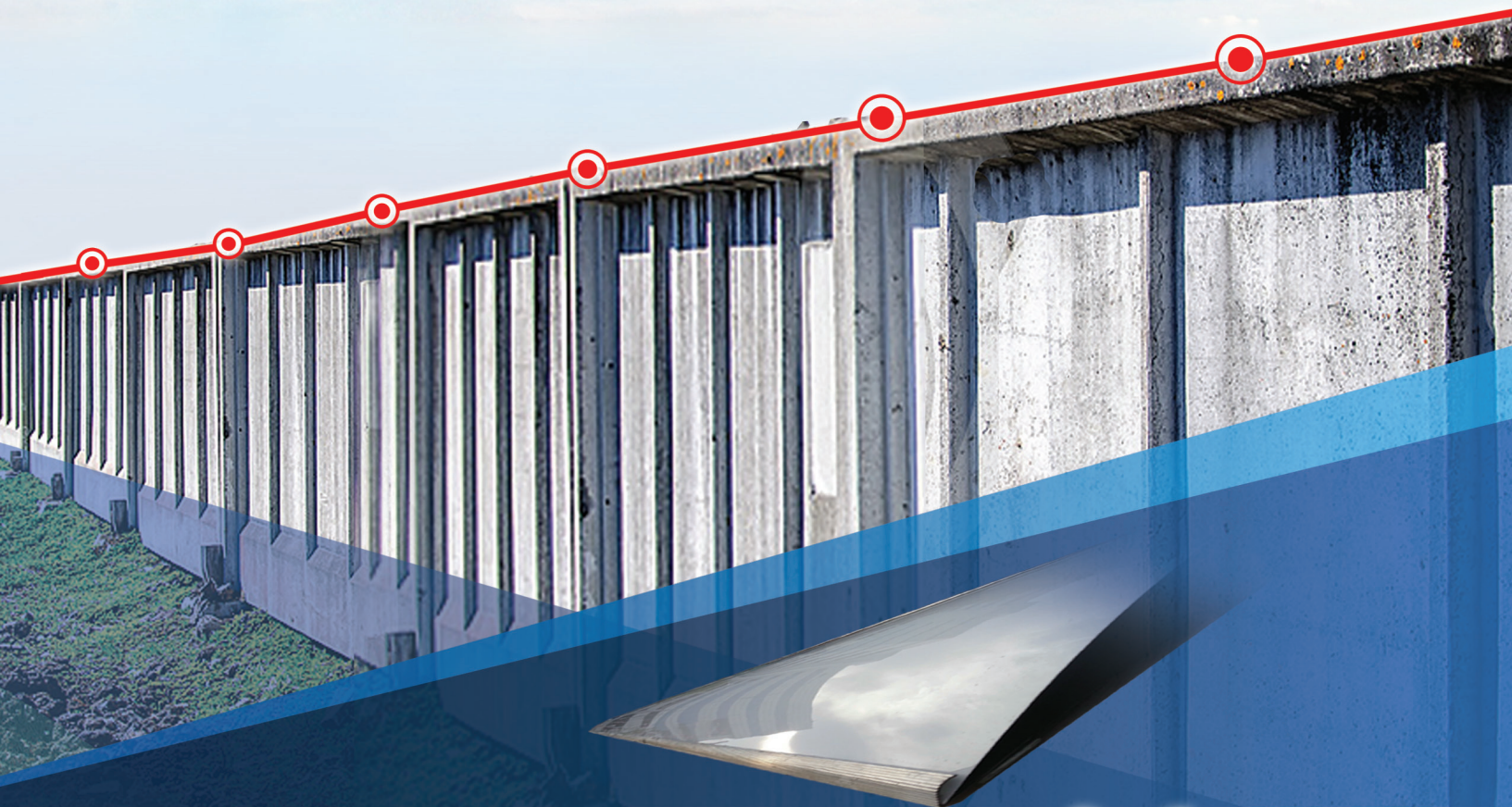


AGILFENCE Wall-Mount PIDS



- Easy deployment
- High probability of intrusion detection
- Accurate pinpointing of intrusion location
- Extremely low false alarm rate

Empowering thru' Innovation





Perimeter walls of high-value facilities may be partly, or fully, made up of masonry walls. Monitoring intrusion attempts over such a perimeter is a crucial component of a robust perimeter protection plan.

Benefits

The AgilFence Perimeter Intrusion Detection System (PIDS) offers a wall-mount version that is specifically designed to detect and report attempts of intrusion by scaling or breaching perimeter walls. The AgilFence wall-mount PIDS is available as an extension to the regular PIDS fence-mount version. This wall protection system provides a robust solution to address the lack of an effective perimeter intrusion detection system for the protection of perimeter walls.

Key Features

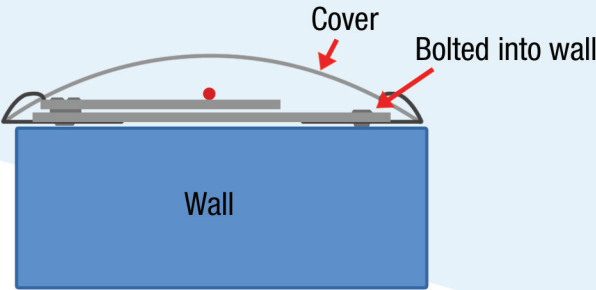
- Highly reliable, more than 95% probability of detection
- Pinpointing accuracy, within 10 metres (i.e. ± 5 metres accuracy)
- Extremely low false alarm rate
- Extremely low nuisance alarm rate
- Resilient to defeat

Applications

- Airports
- Military sites
- Prisons
- Correctional facilities
- Nuclear plants
- Refineries
- Sensitive buildings & land areas
- Communications facilities
- Banking facilities
- Ports
- Museums
- Industrial & commercial sites
- Sites requiring maximum security

How it works

The AgilFence wall-mount PIDS utilises the same Fibre Bragg Grating (FBG) technology used in the fence-mounted version. The FBG sensors are capable of accurately detecting any disturbance to the sensor cable caused by attempts to climb the wall. This includes detecting common intrusions such as propping a ladder against the edge of the wall or a person holding onto the edge of the wall.



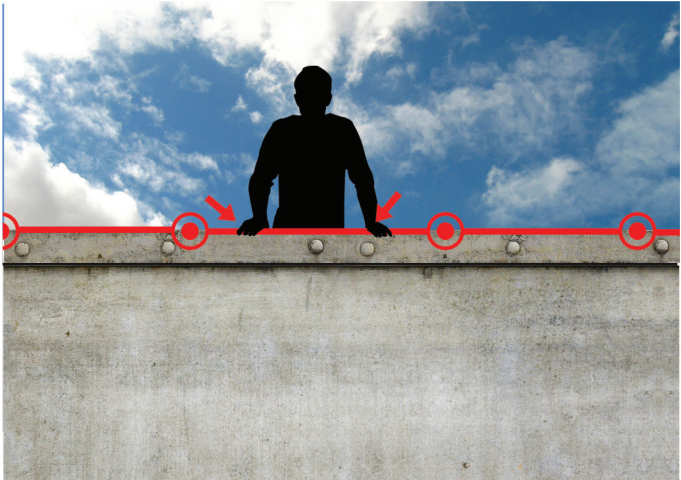
A sensor cable with FBG sensors embedded is deployed at the top of the wall and is capable of detecting and pinpointing the location of intrusion activities. Like the fence-mount PIDS, this system is able to automatically activate the nearest CCTV camera to zoom to the pinpointed intrusion location for alarm verification.

The AgilFence wall-mount PIDS also enjoys all the key benefits of being an optical fibre solution and is immune to RFI, EMI and lightning strikes. It shares the same intelligent signal processing system that provides reliable protection, resistance to false alarms and adapts automatically to changes in the natural environment

Intruder may attempt to climb over a wall by:

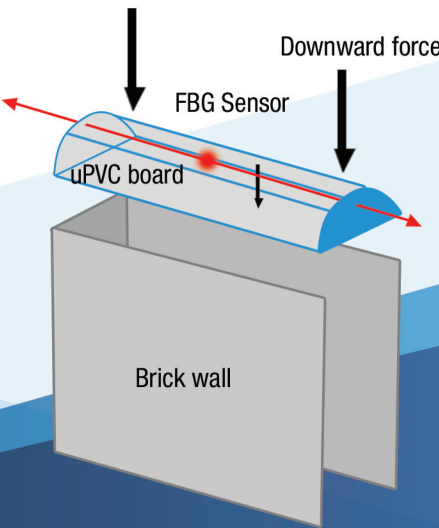


Placing a ladder to lean on the edge of the wall, the human body weight on the ladder will exert a force on the uPVC/PC board



Placing a ladder against the wall, the human body will exert a force on the uPVC/PC board

Typical Configuration & Diagram



Technical Specifications

Technology	<ul style="list-style-type: none">Optical fibre embedded with Fibre Bragg Grating (FBG)
Mechanical	<ul style="list-style-type: none">Outdoor splicing enclosure box IP66All equipment mountable on 19-inch rack1U for Sensing Unit, 2U for Signal Processing Unit, 1U for keyboard & monitor
Power Consumption	<ul style="list-style-type: none">Each Sensing Unit: 45 W typical, 85 WEach Signal Processing Unit: 460 WEach set of keyboard & monitor: 60 W
Environmental Specs	<ul style="list-style-type: none">UV-resistant and armour-protected sensor cableUV-resistant Polycarbonate (PC) or uPVC board (cover)UV-resistant cable tieSensing Unit & Signal Processing Unit operate in air-conditioned room
Product Life	<ul style="list-style-type: none">≥ 10 years product lifeA comprehensive warranty program and extension option available

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