

MBS- 405

Invisible Magnetic Sensor Grid



- Immune to weather, running/standing water and wild life false alarms
- Detects only moving metal objects
- Fully Passive
- Can operate under any surface

 **RBttec**
Perimeter Security Systems



Your security is our challenge



MBS- 405

Invisible Magnetic Sensor Grid

The **MBS-405** detects electromagnetic instruments such as military/civilian carries gear such as firearms, electronic equipment, cameras, wire-cutters, etc. Its high probability of detection is based on the proven assumption that intruders carry power tools, communication and surveillance equipment, or other such tools for their purpose. These and many other items contain ferromagnetic materials.

The system is targeted for industrial sites in proximity to urban surroundings, which are in need for security, and the esthetics of the facility is in high priority. Therefore, the detection field is invisible and does not interfere with the aesthetics of the site. Possible intruders are unaware to the presence of the security system, which reduces the attempts to tamper or to disable the system

Unnoticeable Passive Perimeter Security, tamper proof and built to last without maintenance

- Undetectable and integrated to the surroundings.
- Detects movement of ferromagnetic materials associated with breaching attempts.
- Passive Operation. (NO RADIATED MAGNETIC FIELDS).
- Magnetic Anomaly Detection (MAD™) principle.
- High Probability of Detection (Pd).
- Low false alarm rate.
- Unaffected by nuisance alarms caused by weather conditions or animals.

Suitable for installation under all types of surfaces such as:

- Asphalt/concrete; roads, tarmacs and driveways.
- Vegetation; flowerbeds, sod, trees and shrubbery.
- Water and ice

Ideal for protecting:

- Corporate complexes.
- Industrial sites.
- Sensitive corporate Infrastructure such as company servers, R&D centers.
- Confidential production plants.

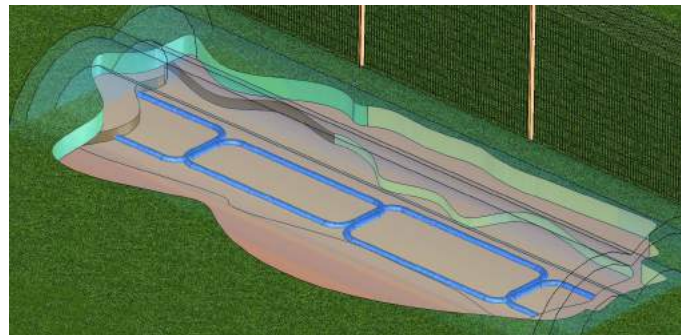
2 Configurations of Ready To Install Kit

Each kit includes field analyzer with the optional sensor spool:

- Single Zone - 200m/656ft per zone.
- Two Zones - 400m/1312ft of sensor cable (two zones) 200m/656ft for each zone.

Technical Specifications

- Operates on 12-24VDC, 40mA @ 12VDC
- Dry contact relays with N.O. and N.C. contacts per zone or RS485.
- Enclosure: NEMA 4x, IP-68



IMPORTANT: The MBS- 405 system can be easily and fully integrated with any alarm system and can be also a complementary and alternative solution for cameras.

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In keeping with our policy of continuous development we reserve the right to alter these specifications without notice.