

# MICALERT

Microphonic Sensor Cable



## Securing Steel Fences Made – Easy, Reliable and Affordable



- Plug and Deploy Installation
- Maintenance Free – No Calibration
- Standalone System - Connects to ANY Alarm System
- Ideal for installation on Steel Fence, Palisade and Ornamental Fences





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## Microphonic Sensor Cable

**MICALERT** - The ideal solution for installation for properties with Steel Fence, Palisade, Ornamental, Wrought iron, and Metal fences. The sensor is attached to the fence and will detect unauthorized attempts to cross the fence.

The sensor line can be easily adjusted to the required length of detection zone with no undesirable cable excess length along the fence.

The **MICALERT** recognizes motion caused by any attempt to climb over the barrier while disregarding nuisance alarms caused by weather conditions or small animals for higher chance of filtration a weather station option is available.

As a completely modular and user friendly system, **MICALERT** is perfectly suited for business and residential security market.

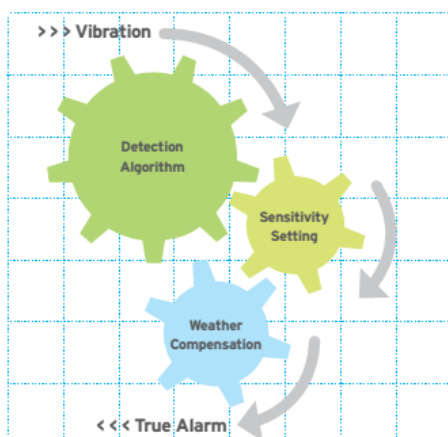
### Perimeter Security is made Easy, Reliable and Affordable

- No training or special tools needed - Comes with a step by step installation manual.
- Standalone – No need for software or PC.
- Ready for installation kit.
- No special installation required
- The system self-calibrates.
- Immune to EMI/RFI.
- 22 Levels of sensitivity per zone.

The **MICALERT** offers a solution for intrusion detection by the analysis of typical vibration patterns made by a forced entry attempt. The system utilizes 3 layers of alarm filtration

1. Algorithm of detection.
2. 22 levels of sensitivity set easily on board with Dip-switches.
3. Autonomic weather compensation unit, for self-system calibration.

### True/False Alarm Decision Process



### The MICALERT Perimeter Alarm System Is the ideal solution for protecting:

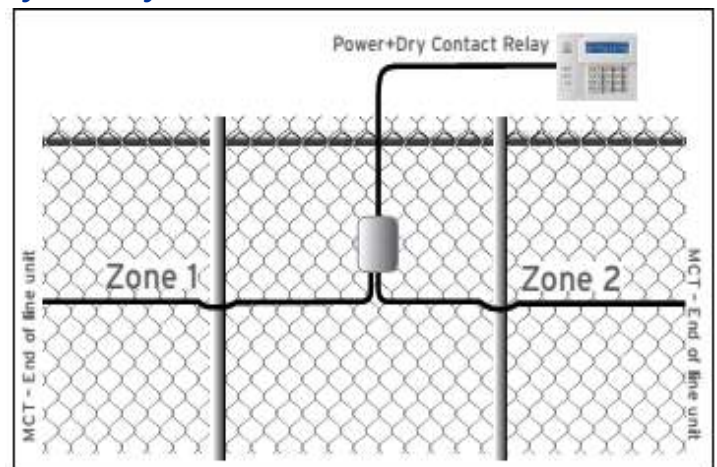
- Commercial and Industrial areas.
- Gated Communities
- Data Centers
- Car, RV, Boat or Equipment storage areas.
- Courtyards of large houses.
- Self-Storage facilities.
- V.I.P security

### 6 Configurations of Ready To Install Kit.

Each kit includes field analyzer with the optional sensor spool:

- ✓ 75m/250ft of sensor line (one zone).
- ✓ 152m/500ft of sensor cable (two zones) in length, 152m/250ft each for each zone.
- ✓ 152m/500ft of sensor line (one zone).
- ✓ 305m/1000ft of sensor cable (two zones) in length, 152m/500ft each for each zone.
- ✓ 305m/1000ft of sensor line (one zone).
- ✓ 610m/2000ft of sensor cable (two zones) in length, 305m/1000ft each for each zone.

### System Layout



### Technical Specifications

- Operates on 12-24VDC, 40mA @ 12VDC
- Dry contact relays with N.O. and N.C. contacts per zone.
- Enclosure: NEMA 4x, IP-66.

**IMPORTANT:** The MICALERT system can be easily and fully integrated with the alarm panel of each alarm system and can be also a complementary and alternative solution for cameras.

In case a larger perimeter needed to be protected it can work via communication with RBtec Vidalert alarm management software.