



ACCELEROMETER-BASED FENCE-MOUNTED INTRUSION DETECTION

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ACCELEROMETER-BASED TECHNOLOGY

OPERATING PRINCIPLE

Accelerometer-based detection triggers alarms caused by attempts to cut, climb, lift and/or stripping of the fence.

Cable rolls come with pre-installed sensors embedded -1 sensor every 10 feet (3 meters).



COMPETITIVE ADVANTAGES



EASY TO INSTALL AND MAINTAIN



CAN PROTECT MULTIPLE COMPLEX PERIMETERS



ECONOMICAL SOLUTION
in terms of quality-to-price



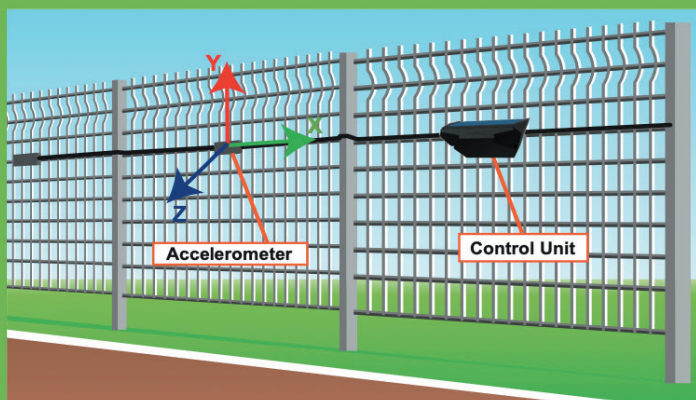
RELIABILITY Highest Probability of Detection & Lowest False/Nuisance Alarm Rates (NAR/FAR) in market.

ACCELEROMETER TECHNOLOGY

How It Works

Unlike other fence-mounted intrusion detection systems, PROTECH's intelligence is in the electronic **accelerometer/sensor** not in the cable and based on changes in velocity of movement or in the fence position.

Rugged and durable, G-FENCE cable comes with pre-installed sensors which makes it very easy to install on any type of fence fabric. The system is unaffected by strong winds, heavy snow, heavy rain and gives the precise location of the intrusion event within 10 ft. (3m).



Accelerometer-based fence-mounted intrusion detection technology detects movement on fencing or walls based on an x, y, z axis system. Accelerometers sense dynamic forces of acceleration of the three axes combined, then measures detection signal intensity to trigger alarms.

RANGE OF SYSTEMS

FOR A VARIETY OF APPLICATIONS

G-FENCE 2400



All of the features and functionality of existing **G-Fence detection technology:**

Now with (3) alarm transmission options: Over IP network, Relay contact or Modbus/Maxibus head-end.



G-FENCE 600 AND 600Z

12-VOLT DC POWERED



COST EFFECTIVE FENCE-MOUNTED INTRUSION DETECTION SOLUTION

- Quick and easy to install
No special tools required



ADAPTS TO SITE ENVIRONMENT

- Set-up and fine-tuning through integrated web server
- Simplified set-up of sensitivity level and number of impacts for alarms
- Up to 2000 ft. (600 meters) of coverage per control unit. Multiple systems can be looped together.



PINPOINTS THE LOCATION OF THE INTRUSION (within 10 ft. / 3m)

- G-FENCE 600Z Integrated Zoning function can create up to 10 detection zones per control unit for 2,000 ft. (600m)



G-FENCE 3000

SOLAR-POWERED WITH BATTERY BACK-UP



PROVIDES LONG-DISTANCE PERIMETER PROTECTION

- Up to 2 miles (3200 m) per Maxibus Comm port
- Up to 4 x 2 miles (3200 m) of detection cable per MAXIBUS UNIVERSAL (PROTECH Head-end Hub)
- Fully redundant alarm information



SET-UP and DIAGNOSTIC INFORMATION

- Integrated cartography zoning
- Up to 128 zones per 2 miles (3200 m)



MINIMAL INFRASTRUCTURE COSTS

- Solar-powered by battery back-up



INTEGRATION WITH LEADING VMS PROVIDERS

- Compatible with Milestone, Genetec, and others via MAXIBUS UNIVERSAL
- Pinpoints intrusions to within 10ft. (3 m)



INNOVATIVE APPROACH

TO MEET YOUR REQUIREMENTS

To address the special requirements of certain projects, we have developed products that can adapt to any applications.

REINFORCED CABLE

FOR BARBED AND RAZOR WIRE APPLICATIONS



EXTRA CABLE PROTECTION

- For installation on barbed and razor wire where a standard cable could be damaged.



SPECIAL APPLICATIONS

FOR SPECIFIC REQUIREMENTS



ON WALLS OR SIDING

- Concrete fencing
- Inside the building to be protected



Built-In Quality and performance

PROTECH's intrusion detection sensors and cables are engineered to provide tremendous reliability and performance. Our innovative sensor technologies have been tested and approved for use across many industries, from high security military and correctional markets to environmentally challenging applications found in electrical utility substations, nuclear and chemical facilities.



PROTECH MANUFACTURER OF PERIMETER INTRUSION DETECTION SYSTEMS FOR SENSITIVE SITES

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