THE ULTIMATE WALL PROTECTION SYSTEM

DETECTION TECHNOLOGIES

PROTECTING PERIMETERS WORLDWIDE

Our solutions protect hundreds of perimeters worldwide!

Prisons & Military

Utilities

Industry

Solar Parks

Public Transport

Private Homes

MikroTek Key Advantages

One analyzer!
A single MikroTek analyzer can secure up to 300m of fence depending on the type of structure to be secured.

Easy to set-up!
The MikroTek is designed to be easy to install. The set-up routine is done in minutes without any software required.

1 One analyzer - up to 300m detection range!

300m

2 Excellent intrusion detection performance!

3 Easy to set-up!

4 Easy integration with CCTV and 3rd party software!

Excellent performance!
Over 30 years of industry experience have perfected our detection technologies so that intrusion related and non-hostile activities are reliably differentiated.

Easy integration software!
MikroTek works very well with CCTV. Integration into alarm and security management systems is straightforward via dry relay contacts.

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Products & Accessories

MikroTek

Analyser module in IP65 enclosure, supports up to 300m of vibratek sensor cable and 1 zone

Junction Box

Junction box to connect vibratek sensor cable to dead cable

MikroTek EOL

MikroTek sensor termination module

Gate Kit

gate sensor cable connection kit for swing and sliding gates

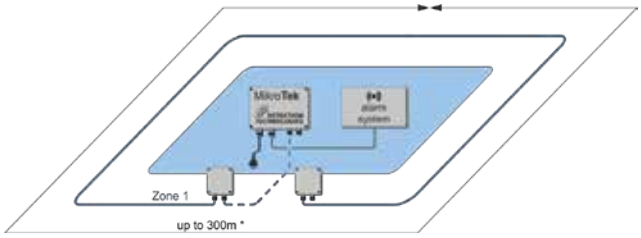
VibraTy-1 200

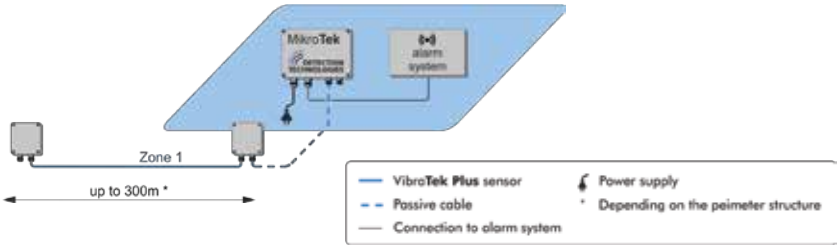
Standard length (200mm) UV stabilised cable ties

How MikroTek Works with VibraTek Plus

- The VibraTek Plus sensor will be installed along the perimeter boundary (fence, wall, gate, railing, etc.)
- Breaking through (cutting, sawing, burning) or climbing over the protected structure inevitably leads to vibrations
- These vibrations are coupled into the VibraTek Plus sensor and subsequently converted to an electrical signal
- The electrical signal is an very accurate representation of the mechanical energy which caused the signal
- The MikroTek module analyzer analyzes the electrical signals in real-time and notifies intrusion related activity

- Up to 300m detection range with a single MikroTek analyzer
- The MikroTek analyzer can be installed centralized (e.g. control room) or decentralized on the protected structure (e.g. fence)
- Sensor cable can be installed in a straight line as well as in a loop
- The sensor cable can secure property entrances such as swing gates
- Flexibly interrupt the sensor cable with non-protected segments where no protection is needed (e.g. building facade)





VibraTek Plus - The New Benchmark

The best PID sensor becomes even better

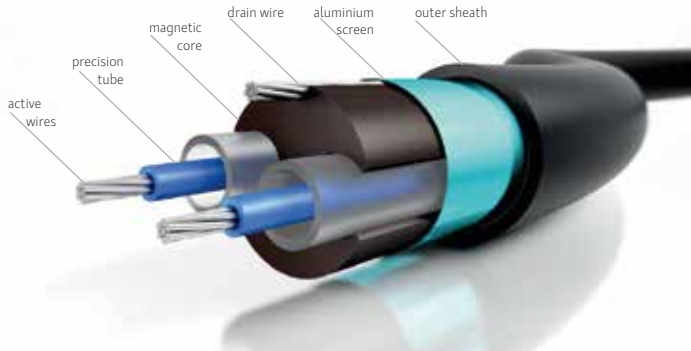
VibraTek Plus is the newest innovation of the VibraTek sensor family. Compared to the previous VibraTek sensor generation the sensitivity could be further increased by 25%.

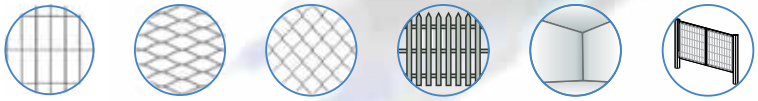
Best-in-class intrusion detection

Minimal intrusion-related activity detected by the VibraTek Plus sensor will generate a signal typically 1000 times greater than the background noise. This unmatched signal-to-noise ratio is the reason for an exceptional intrusion detection.

Protects various types of perimeter structures

Detects intruders climbing or breaking through fences and other perimeter structures.





Welded mesh fence | Expanded metal fence | Chain link fence | Palisade fence | Walls, floors and ceilings | Doors, gates

MADE IN UK

VfS Verband für Sicherheitstechnik eV

bsia british security industry association