GeoPoint

Detection / Fence Mounted Detection

There are 2 variants in the GeoPoint PIDS Range, GeoPoint and GeoPoint Pro. The system consists of a series of detection units along the fence line to offer an extremely reliable Perimeter Intrusion Detection System (PIDS). Designed to detect an intrusion attempt via cutting, climbing and lifting on welded mesh and palisade fencing.

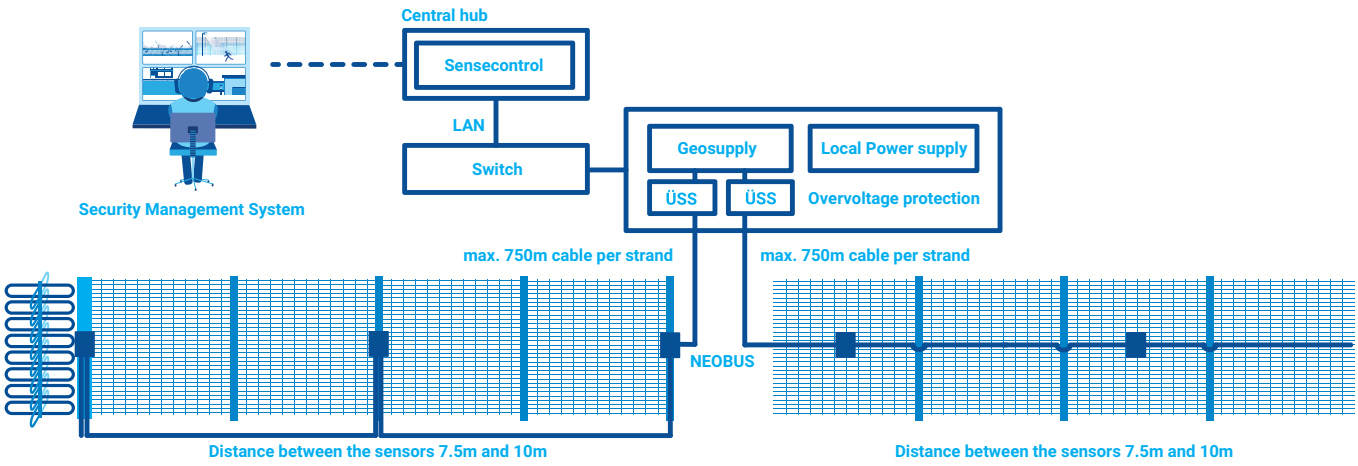
- Intruder attacks are detected by individual sensors on the fence panel/posts which senses movement and vibration along the fence line and communicates the alarm signal back to the central control point.
- Each point sensor can be set up individually with reference to sensitivity and functionality, dependent on the location and type of fence.
- The Geopoint sensors can be setup into multiple zone configurations within the perimeter. This enables more accurate visual verifcation of an intrusion when used with an on-site CCTV system.

Housed in a secure, robust aluminium enclosure, which can be mounted on the fence panel. There is also the option to mount the sensor in, or on, the fence post. Accessories are also available to extend/affix the GeoMic detection system to gates within the perimeter.

The GeoPoint Range is recommended for locations such as high security, CNI, distribution centres, datacentres, commercial and industrial sites.

- **Flexible zoning**
- **6 integrated alarm types**
- **Digital signal processing and filtering**
- **User-friendly operating software**
- **Software upgrade available via download**
- **Simple and efficient installation**
- **Multiple programmable control functions**
- **3rd party components can be integrated**

Technical diagram



Technical specifications

	GeoPoint	GeoPoint Pro
Housing (WxHxD)	72x50x25mm	100x50x28mm
Housing material	Anodised aluminium Housing	Anodised aluminium Housing
Protection level	IP65	IP67 (enclosure variant)
Fixing mode	Fence or Post fitting	Fence or Post fitting
Operating temp	48Vdc (<0.3W)	48Vdc on GPP Bus
Power supply	48Vdc (<0.3W)	48Vdc on GPP Bus
Inputs	Via Geohub DR	Via Geopoint Pro Supply
Outputs	Via Geohub DR	Via Geopoint Pro Supply
Communication	RS485	IP,serial, OPC, Modbus
Service / setup interface	RS485	IP
Detection types	Capacitive acceleration sensor (3axis)	Fence monitoring, Structure borne noise, Dynamic tilt capture, temperature alarm
Sensor unit detection range	5 – 10m dependent on fence type	5 – 12.5m dependent on fence type

Suggested accessories / products

- Geohub DR
- GeoPoint Pro Supply
- Geopoint Pro Bus connection cable
- Geopoint Pro IO
- Alarm panel (3rd party)
- 48VDC (2 A) power supply

Certificates

Testing was performed in accordance with the EC directives 89/336/EEC and 92/31/EEC, in accordance with the following test norms:

- DIN EN 61000-1
- DIN EN 61000-4-3 VDE 0847-4-3:2011-04
- DIN EN 50130-4:2015-04
- DIN EN 61000-4-2:2009-12
- DIN EN 61000-4-4:2013-04
- DIN EN IEC 61000-6-4:2020-09

Ordering information

Contact Heras for precise ordering details.

Heras reserves the right to make product changes without prior notice. We do not accept any responsibility for mistakes, inaccuracies and/or printing errors. EN_3C2C_1.1

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