

Geoquip Geozone

Detection / Perimeter Intrusion Detection

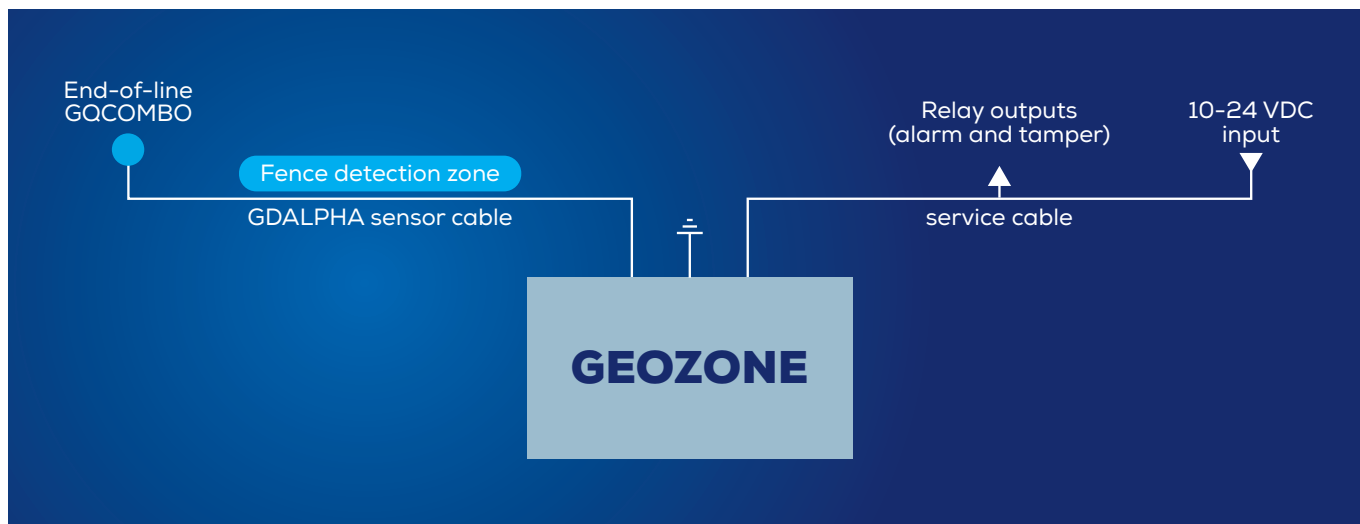
The Geozone perimeter intrusion detection kit offers an extremely accurate solution for cut, climb and lift detection on chain link and semi rigid fencing. The system works as follows:

- Intruder attacks are detected by a linear magnetic sensor cable which 'listens' to sounds along the fence line and relays these to an analyser
- The analyser checks the cable signals for genuine tamper and alarm threats and transmits these signals to an alarm panel (Geoquip or third party)

The kit is simple and quick to set up, requiring only a screwdriver for sensitivity adjustments (to suit fence type) and wiring into alarm panels. Accessory kits are also available, containing all detection equipment required for single/double leaf hinged gates contained within the sensor zone. Geozone is recommended for locations such as distribution centres, parking areas, commercial and industrial sites.

- **High sensitivity with minimum false alarms**
- **Simple and quick to set up**
- **Detection zone up to 200 metres**
- **Easy integration into third party alarm systems**

Drawings



Technical specifications

| | |
|------------------------------|--|
| Housing (W x H x D) | Analysers: 120 x 120 x 80 mm End-of-line: 100 x 100 x 60mm |
| Housing weight | Analysers: 1 kg End-of-line: 1 kg |
| Housing material | Die cast aluminum |
| Colour | RAL7038 (agate grey) |
| Protection level | Analysers: IP65 (lightning transformer isolation and semiconductor surge protection) End-of-line: IP67 |
| Fixing mode | Direct fence mounting |
| Connector types | Analysers: 2x PG9 cable glands; 1x earth stud End-of-line: 1x PG9 cable gland |
| Operating temp | -40 to +70°C |
| Power supply | 10-24 VDC (35 mA at 12 VDC) |
| Inputs | 1x analog (from cable) |
| Outputs | 2x Form C (NO/NC) solid state relays for alarm and tamper (max 350 VDC/VAC, 50 mA, 500 mW) |
| Controls | Analysers: 2x rotary switches for climb and cut sensitivity End-of-line: jumpers |
| LED status indicators | 1x Alarm relay status 1x Tamper relay status 1x Event activity |
| Sensor cable | Alpha cable: 50 m, 100 m, 150 m or 200 m (can be cut as required) |

Certificates

- 2004/108/EC – Electromagnetic Compatibility Directive
- 2006/95/EC – Low Voltage Directive
- BSEN 50130-4:1995+A1:1998+A2:2003 Immunity requirements for components of fire, intruder & social alarms systems
- BSEN 55016-2-3: 2006 Method of measurement of disturbances & immunity. Radiated disturbance measurements
- BSEN 61000-6-3:2007 Emission for residential, commercial and light industrial environments
- Security grade 3 and Environmental Class IV (in accordance with BSEN50131-1:2006+A1:2009 and PD 6662:2010)

Ordering information

Order the Geozone kit (containing analyser, end-of-line termination unit, Alpha sensor cable, 4x mounting screws and clamping bars) in the following formats:

| | |
|----------------|--------------------------|
| GZA-50 | Kit with 50 m cable |
| GZA-100 | Kit with 100 m cable |
| GZA-150 | Kit with 150 m cable |
| GZA-200 | Kit with 200 m cable |
| GZA-SLG | Kit for single leaf gate |
| GZA-GLG | Kit for double leaf gate |

Contact your local Heras office for precise ordering details.

Suggested accessories / products

- Alpha sensor cable
- 12 VDC (1 A) power supply