



Detection Analyser

Geoquip Eliminator

Detection / Perimeter Intrusion Detection

The Eliminator detection analyser offers an extremely reliable solution for cut, climb and lift detection on chain link, weld mesh and palisade fencing.

The system works as follows:

- Intruder attacks are detected by a discrete sensor cable which 'listens' to sounds along the fence line and passes these as 'detection' signals on to the Eliminator analyser.
- The Eliminator checks the signals for genuine tamper and alarm threats and transmits these to an alarm panel (Geoquip or third party).

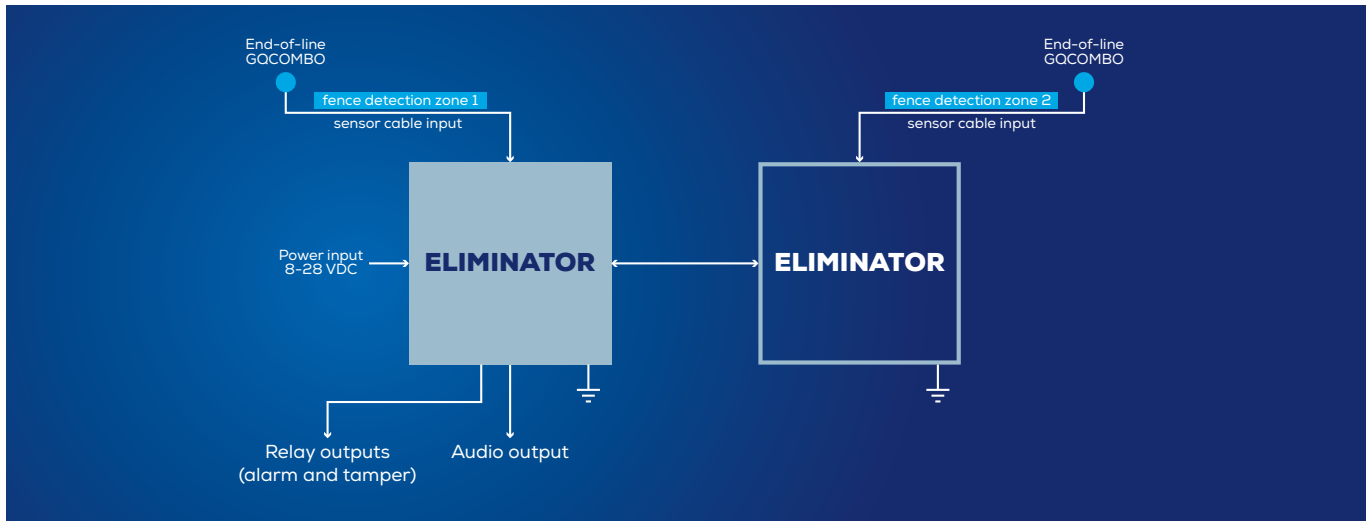
The analyser is quick and easy to set up, requiring only a screwdriver for sensitivity adjustments (to suit fence type) and for wiring into alarm panels.

Eliminator is available in single or dual zone variants (dual zone has 2 interconnected units). Accessory kits are also available, containing all connection equipment required for single/double leaf hinged/sliding gates contained within the sensor zone.

Eliminator is recommended for locations such as distribution centres, parking areas, commercial and industrial sites.

- **Analyser to work with fence-mounted sensor cable**
- **Audible monitoring option**
- **Sophisticated technology for signal filtering**
- **Excellent protection against lightning strikes**
- **Daisy-chain RS485 or standalone modes**

Drawings



Technical specifications

| | |
|------------------------------|--|
| Housing (WxHxD) | 260 x 160 x 90 mm per analyser |
| Housing weight | 2.5 kg per analyser |
| Housing material | Die cast aluminium |
| Colour | RAL7001 (silver grey) |
| Protection level | IP65 Lightning transformer isolation and semiconductor surge protection |
| Fixing mode | Direct fence mounting kit (supplied) Wall mounted (option) |
| Connector methods | 3x PG9 cable glands 1x PG11 cable gland 1x earth stud |
| Operating temp | -40 to +70°C |
| Power supply | 8 to 28 VDC (60 mA at 12 VDC) |
| Inputs | 1x analog sensor |
| Outputs | 2x Form A or B opto-isolated solid state relays for alarm and tamper (max 350 VDC/VAC, 130 mA, 600 mW) 1x audio (0 dBm in 600 Ohms) |
| Controls | 4x potentiometers for climb and cut sensitivity, events counter and timer window (screwdriver-adjusted) |
| LED status indicators | 1x Alarm relay status 1x Tamper relay status 1x Event activity 1x Climb activity 1x Sensor fault 1x Self test 1x Fuse status |
| Sensor cable | GDALPHA/Interceptor 10 to 300 m (cut as required) |

Certificates

- 2004/108/EC – Electromagnetic Compatibility Directive
- 2006/95/EC – Low Voltage Directive
- BSEN 50130-4 +A1 +A2: Immunity requirements for components of fire, intruder & social alarms systems
- BSEN 55014-1 +A1: Requirements for household appliances, electric tools and similar apparatus
- BSEN 61000-6-3: Emission for residential, commercial and light industrial environments
- BSEN 61000-3-3 +A1 +A2: Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
- Security grade 3 and Environmental Class IV (in accordance with BSEN50131-1+A1 and PD 6662)

Ordering information

Order the Centralert 2 unit and analyser cards using the following part codes:

| | |
|------------------|------------------------------|
| GD5000-1E | Single zone analyser |
| GD5000-2E | Dual zone analyser (2 units) |

Contact your local Heras office for precise ordering details.

Suggested accessories / products

- Alarm panel (3rd party)
- 12 VDC (1 A) power supply