



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 sensor cable signals for genuine tamper and alarm threats and transmits these to a Heras or third party alarm panel.

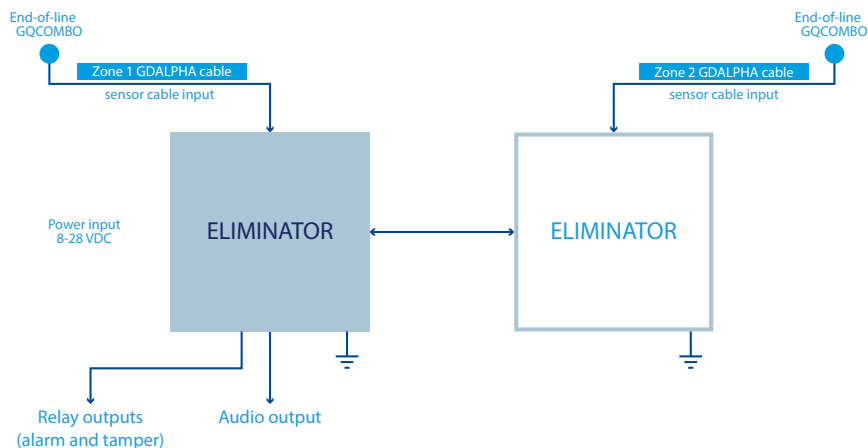
The analyser is quick and easy to set up, requiring only a screwdriver for sensitivity adjustments to suit fence type and for wiring into alarm panels.

Eliminator is available in single or dual zone variants (dual zones are two linked 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**
- **Protection against lightning strikes**
- **Can be connected to an existing system or used standalone**

Technical diagram



Technical specifications

Housing (WxHxD)	260 x 160 x 90 mm per analyser
Weight	2.5 kg per analyser
Material	Die cast aluminium
Protection level	IP65 Transformer isolation and semi-conductor surge protection
Colour	RAL7001 (Silver grey)
Fixing mode	Direct fence mounting with kit supplied Wall mounted option
Connector types	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 screwdriver adjusted potentiometers for climb and cut sensitivity, events counter and timer window Self test function
Internal 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 10 to 300 m (cut as required)

Certificates and approvals

- 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

Contact Heras for precise ordering details.

Suggested accessories / products

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