



ELIMINATOR

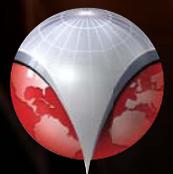
Upgraded fence-mounted analyser
Even higher levels of perimeter security



- ▶ Our next generation high performance analyser
- ▶ Uses industry-leading Interceptor cable
- ▶ Fully RS485 communications compatible
- ▶ Upgraded hardware and firmware
- ▶ Increased levels of reliability and performance

Intelligently Geoquip

GEOQUIP



WORLDWIDE

The Leader in Perimeter
Protection Solutions



ELIMINATOR

A more powerful analyser. A more advanced cable. **Greater detection and protection.**

Eliminator from Geoquip powerfully combines our new upgraded fence-mounted analyser with our cutting edge Interceptor cable to produce an even higher level of detection with fewer false alarms.

Perimeter detection systems using Eliminator will give the earliest possible warning of intruders, while ensuring that false alarms are virtually eliminated compared to other systems. What's more, if an intrusion is attempted, security staff can monitor and verify the activity using the high quality audio produced by the highly sensitive Interceptor cable.

Eliminator can also send alarm information to many types of control room equipment such as CCTV, alarm management systems and mimic panels, ensuring that control room staff are always fully informed. In short, Eliminator serves as the first line of defence against any intruders.

Eliminator can also be linked via RS485 communications to our GeoLog Vision security management system, for total, fully compatible on-site security.



Interceptor. Our most advanced cable technology.

The role of any sensor in a perimeter security system is to maximise the signals generated when an intrusion attempt is made, while ensuring that all other signals and background noise are suppressed.

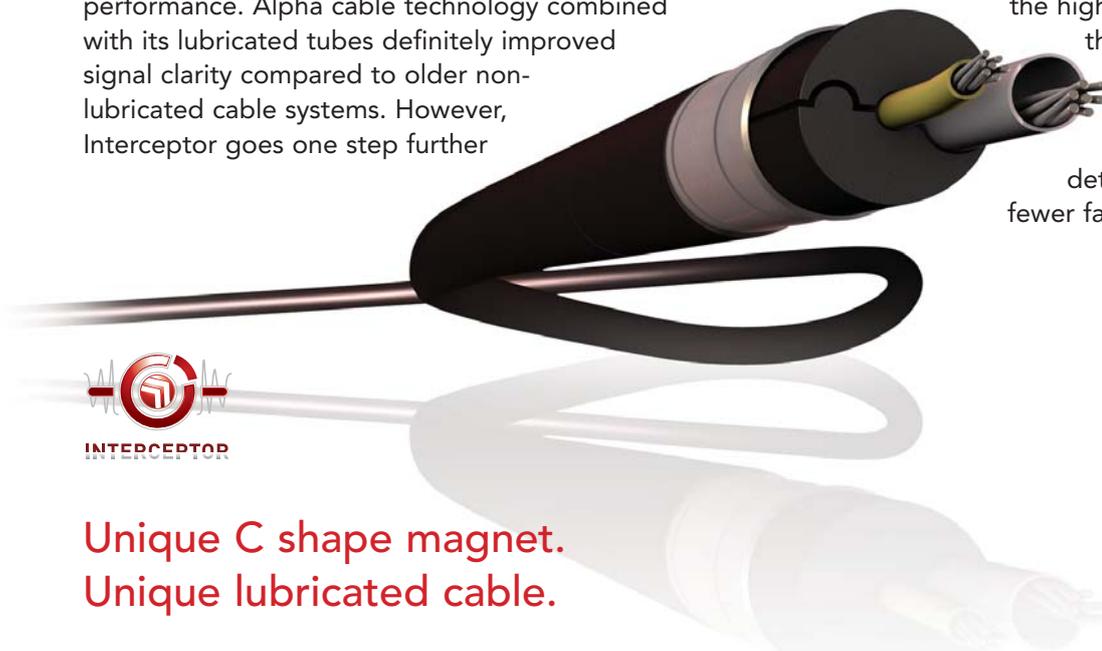
Interceptor from Geoquip has a single sensor cable which boasts vastly improved performance, even when compared to our own market-leading Alpha cable and other two-wire systems.

Geoquip's ongoing investment in R&D has shown that older two-wire technology suffers from some signal distortion that reduces effectiveness and makes it more difficult to increase levels of performance. Alpha cable technology combined with its lubricated tubes definitely improved signal clarity compared to older non-lubricated cable systems. However, Interceptor goes one step further

and takes our signal to noise ratio and signal clarity to a completely new level.

In addition Interceptor also has a unique low friction Lubritube casing a C shape magnet which helps provide Interceptor's greater product durability and unsurpassed signal to noise ratio of 2000:1. This gives a clearer signal which allows the Eliminator analyser to make a more accurate decision over each alarm condition.

This clarity of signal is particularly important in those borderline cases when the analyser has to determine whether or not an alarm condition should be generated. The clearer the signal, the higher the possibility that the analyser will make the correct decision. This will produce a much better detection rate and fewer false alarms.



Unique C shape magnet. Unique lubricated cable.

The unique C shape of the magnet used in the Interceptor cable concentrates the signal strength. In fact, it produces a signal stronger than that produced in other magnetic cable systems, and but with far less distortion.

Our revolutionary Lubritube also provides a barrier to stop water getting in and damaging the sensor. This technological development is unique to Geoquip and is not available with any

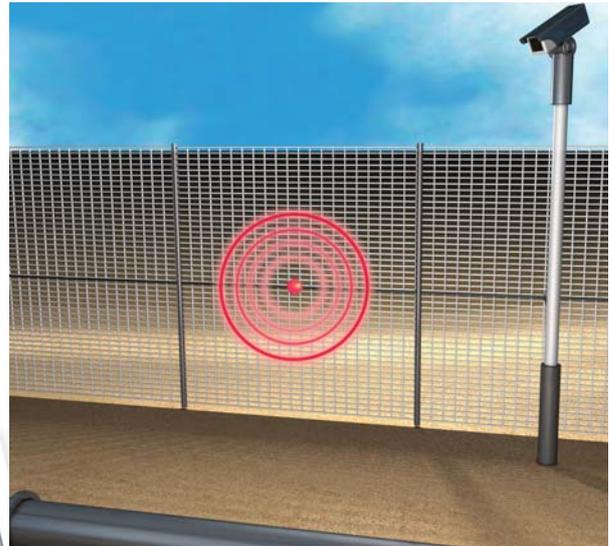
other manufacturer's cable. For instance, moisture seeping into a competitor's cable will mechanically dampen the sensor making it useless.

It also provides a lubricated environment for the conductor wire to move around in freely, generating unsurpassed detection levels on rigid fences used for high security applications.

Eliminator integrates with **GeoLog Vision** Geoquip's cutting edge security management system.

GeoLog Vision can bring together a range of other security support equipment such as CCTV and access control systems.

GeoLog Vision also provides automatic control of the CCTV system, as well as 3D graphical images which give your operators a clearer picture of any activities taking place.



A fully upgraded fence-mounted analyser

The digital signal processes incorporated in the Geoquip Eliminator analyser are the result of our many years of experience investigating a wide range of perimeter fence structures and different types of intrusions.

At the heart of the Eliminator system is an upgraded analyser which has improved hardware and firmware to accommodate the much better signal to noise rating of our revolutionary Interceptor cable. This ensures the best possible performance of the Eliminator analyser and Interceptor sensor cable combination.

Eliminator is also fully RS485 communications compatible and can incorporate up to 31 separate analysers to create a mini communications network. All of which provides a high level of detection and lower false alarms for any perimeter protection requirement.

While the technology used in our new Eliminator analyser is complex and powerful, we've taken care to ensure that the system is simple to set up and commission. This is achieved by using special techniques that automatically optimise the signal to suit the type of fence to which the sensor cable is attached.

Integrates with alarm management and control equipment

Eliminator is designed to be equally effective on manned or unmanned sites, whether as a stand-alone single zone system or as part of a comprehensive multiple zone installation.

What's more, simple low level interfacing ensures that Eliminator can be easily integrated with virtually all security management systems. For maximum effectiveness, Eliminator can be linked with Geoquip's own GeoLog Vision security management system.

This gives the operator a fully flexible security system allowing sensitivity adjustments of the Eliminator analyser to be made from the control room, without having to go to the perimeter fence.



Key Benefits

- Upgraded hardware and firmware
- Microphonic audio verification system as standard
- Patent protected Interceptor cable technology
- Dual channel signal processing ensures high detection and low false alarm rates
- RS485 communications for simple installation and networking
- 31 zones per single bus network
- Full integration with GeoLog Vision security management system
- High quality audio monitoring capability
- Simple to install and commission
- Independently verified performance level

Eliminator - Technical Specifications

Inputs:	Sensor	Analogue signal generated by Interceptor sensor cable
	Self test	Remote self test input
	Address	5 bit address header / jumper link
Outputs:	Relay	Independent alarm and tamper relay outputs
	Relay Form	Form A or Form B (jumper link selectable)
	Relay Contacts	Max Voltage 350V ac or dc Max Current 130mA Max Power 600mW
	Twisted pair	Complies with EIA RS-485
	Audio Output	Typically 0dbM in 600 Ohms
RS485 Communications:	Remote adjustment of Channel A / B sensitivity via SMS or MicraNet controller Remote monitoring of Alarm and Tamper conditions	
Power Requirements:	Single zone analyser	7-24V dc 90mA at 12V dc
	Dual zone analyser	7-24V dc 180mA at 12 dc
Operating Temperature:	-40C to +70C	

Complete integration with other Geoquip Products

Interceptor – Unsurpassed levels of signal accuracy



Interceptor is the most technologically advanced sensor cable ever produced by Geoquip. This unique design builds on the remarkable success of our Alpha cable technology and incorporates three new product innovations to take alarm detection and reliability to the next level.

Gthernet – The ultimate IP communications network

A single cable secure IP connection, Gthernet works in extreme conditions from -40°C to 80°C, and can also carry CCTV and audio verification systems.

In addition, Gthernet provides a high level of redundancy. If the network infrastructure is disrupted, the system provides alternative data routes to allow the system to heal itself until the damaged communication paths have been repaired.

GeoLog Vision – The ultimate integrated security management system

GeoLog Vision integrates a wide range of other security support equipment such as CCTV and access control systems, as well as managing on-site alarms.

GeoLog Vision also provides automatic control of CCTV systems, optional integrated video analytics as well as 3D graphical images which give operators a clearer picture of any activity.

Sicuralia

For technical specification on these and other Geoquip products visit www.geoquip.com

* Ten year warranty refers to cable only and is subject to normal wear and tear

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BS EN ISO 9001:2000
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