



Detection Analyser

Geoquip Centralert 2

Detection / Perimeter Intrusion Detection

The Centralert 2 perimeter intrusion detection rack offers an extremely accurate solution for cut, climb, hacksaw and lift detection on chain link and semi-rigid fencing. The rack unit with maximum twelve slotted analyser cards works as follows:

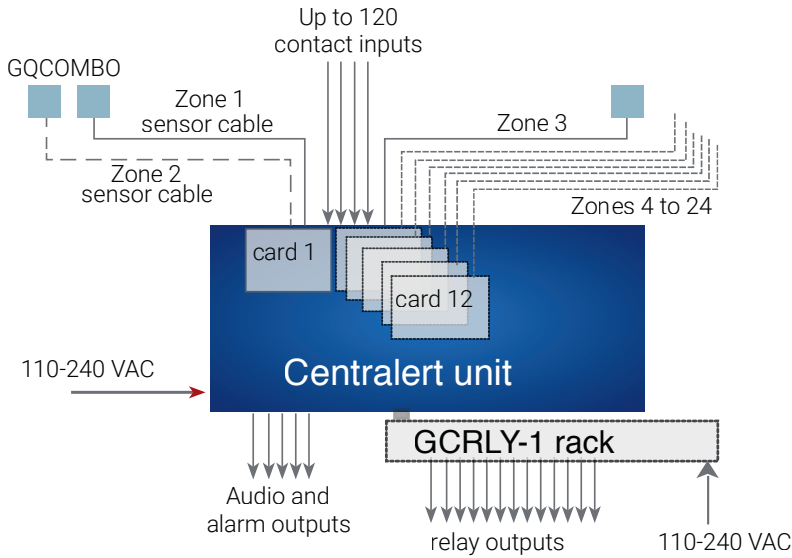
- Intruder attacks are detected by linear magnetic sensor cables which 'listen' to sounds along the fence line and relay these to the analyser cards
- The analysers check the cable signals for genuine tamper and alarm threats and transmit these signals via Ethernet or RS232 connections to a PC running SMS software (Geoquip or third party)

The rack unit is simple to install with all connections via a multi-pair feeder cable marshalling box, and Ethernet or serial cable(s) to the SMS PC. Sites requiring more than 24 detection zones can add extra units (and cards) all linked to the same SMS PC.

Centralert 2 is recommended for high security locations such as prisons, borders, commercial and industrial sites.

- **Convenient 19" rack unit with slotted analyser cards**
- **Up to 24 sensor cable and 120 contact inputs per unit**
- **Easy to expand with extra units and analyser cards**
- **Integral tamper switch**

Drawings



Technical specifications

Dimensions (WxHxD)	19" rack model (3U high; 315 mm deep)
Weight	6 kg
Material	Steel with smoked plastic front
Colour	Sides: RAL9006 (white aluminium) Bezel: RAL7016 (anthracite grey)
Protection level	IP21
Mounting mode	Rack or desktop
Connector types	RS232 (9-pin) RJ45 sockets
Operating temp	0 to +50°C
Power supply	110-240 VAC (1 amp)
Inputs	Up to 24 sensor cables (2 zones per card) Up to 120 monitored contacts
Outputs	2x IP Ethernet ports (alarm data) 1x 9-pin D type port (relay data to GCRLY-1 rack) Optional RS232 port (alarm data)
Controls	Sensitivity adjustment of cut, climb, hacksaw, events and timer via GeoLog Vision ST software Jumper links on analyser cards
LED status Indicators	1x power indicator 1x power status (per card) 1x alarm relay status (per zone) 1x tamper relay status (per zone)
Sensor cable	Up to 200 m Alpha or Interceptor cable per zone

Certificates

- EMC directive 2004/108/EC
- BSEN 50130-4 Immunity requirements for components of fire, intruder & social alarms systems
- BSEN 61000-6-3 Emission for residential, commercial and light industrial environments
- BSEN 61000-3-2 Limits for harmonic current emissions (equipment input current = 16 A per phase)
- Security grade 3 and Environmental class I (in accordance with BSEN50131-1 and PD 6662)

Ordering information

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

GCMD	Centralert 2 master unit
GCANA-ALPHA	Dual zone analyser card (max. 12 per GCMD unit)

Contact your local Heras office for precise ordering details.

Suggested accessories / products

- GeoLog Vision ST software