

IMPACTOR BUILDING PROTECTION SYSTEM



- **Vds Approved**
- **Uses proven linear magnetic sensor technology**
- **Wide range supply voltage input**
- **Employs solid state relay technology**
- **Embedded microcontroller reduces chip count for improved reliability**
- **Designed for gross attack detection on solid walls**
- **Algorithmic processing reduces nuisance alarms**
- **Audible warning device allows system adjustment by one person**
- **Audio output for diagnostic/test purposes**

Impactor, the latest system from Geoquip Limited, employs state of the art technology to monitor and analyse signals detected by Geoquip's renowned linear magnetic sensor technology.

Impactor is the first system of its kind to gain approval from the VdS, the German test house. This approval also means that Impactor will be recognized and accepted by the Loss Prevention Council.

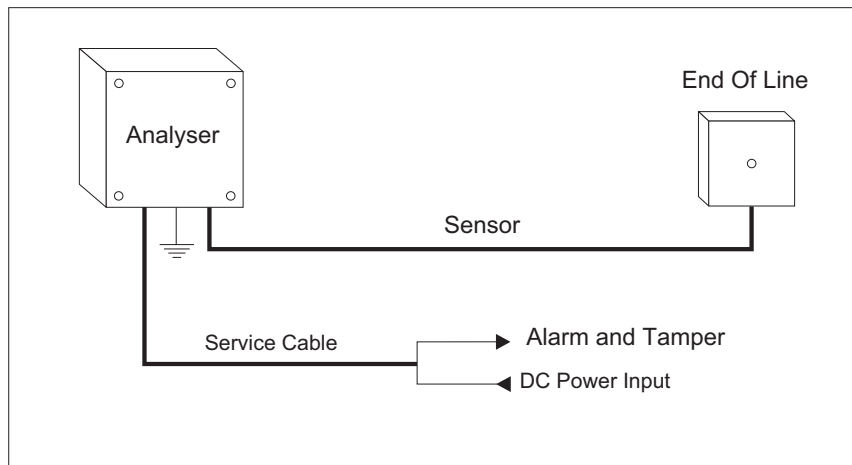
Impactor is designed for wall protection in buildings such as warehouses, storerooms, vaults, etc. where the main threat to the security of goods stored within such premises is through gross attack such as hammering, chiseling and ram-raiding.

Impactor employs a variant of the tried and tested 'Guardwire' sensor which has been adapted for this application by the addition of a tough PVC outer sheath to provide physical protection for the sensor. Installation time is dramatically reduced by eliminating the need for conduit protection of the GW400k-TJ sensor.

Impactor incorporates powerful microcontroller technology to analyse the characteristics of signals detected by the sensor, dramatically simplifying the process of system adjustment. Adjustments provided include rotary controls for sensitivity, event counter and timer setting.

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Integrates with



- Defensor
- Guardwire
- PSICON
- RAFID
- Multiplexer
- Sensor Coil 600
- Multizone Annunciator

TECHNICAL DATA

Application	The 'Impactor' analyser is designed to be used in applications where gross attack is the most likely mode of intrusion
Sensor Type	IMP400 'Fast-Fix' linear magnetic sensor
Zone Capability	25m – 75m
Relay Outputs	Form 'A' (N.O.) solid state relays
Relay Capability	Max. voltage 350V dc or Peak ac Max. current 0.4A Max. power 500mW
Audio Output	0dBm in 600 ohms (activated by headphone connection)
Internal Indicators	Alarm Relay Status LED Tamper Relay Status LED Sensor Fault LED Audible Warning Event Beeper
Internal Controls	Event Counter Switch 1 – 9 Event Timer Switch 0 – 180 secs Sensitivity Setting Switch 0 - 9

Dimensions	W 120mm H 120mm D 80mm
Weight	1kg
Power Requirements	8V – 18V dc @ 30mA
Enclosure	Die-cast aluminium casing to IP65
Operating Temperature	-10°C – +50°C
Electro Magnetic Compatability	Complies with the requirements of BS EN 50081-1 and BS EN 50082-1
Installation Time	30 minutes
Fixing Method	Using four wall plugs and screw fixings to suit surface material
Location	Internally mounted
Installation	By any Geoquip approved installer
Warranty period	12 months from date of invoice