

# Ferroguard™ for Security Applications

Your gateway to a more secure world



Deployment of Ferroguard in a covert environment

Ferroguards alarm system can be localised or integrated into a security network that warns operators of the presence of ferromagnetic objects such as the majority of known firearms, knives and other metal based offensive weapons.

It is a passive system, (unlike conventional metal detectors). This means that it has no effect on electronic devices such as

pacemakers or mobile radios/phones. It can be easily wall or stand mounted or countersunk into a wall for a permanent installation.

Ferroguard is also available as a portable stand-alone system, allowing rapid deployment (<3mins). Ferroguard may run off a normal mains socket or a re-chargeable battery.

## Features Include

- Iron & steel (ferromagnetic) metal detector
- Modular construction access control system
- Easily deployable
- Cost effective

## Applications Include

- Building entrance security
- Door security
- Gateway security
- Discreet Surveillance
- Personnel Screening
- Intruder Detection
- Small area applications



**Ferroguard (6" x 6") mounted on a door frame**

With the increased need for security against suicide bomber attacks. Ferroguard could be used at the entrances to restaurants and other public buildings at risk, where the full archway metal detector is not considered viable. The system could link to a door interlock, preventing the entry or exit of the threat to the building, trapping the bomber in a specially designed bombproof entrance hall. (Ferroguard would detect any ferromagnetic objects e.g. ball bearings, shrapnel etc embedded in the explosives NOT the explosive itself)



**Portable Ferroguard Product**

Ferroguard benefits:

- It can be deployed in a more cost-effective way than a conventional archway metal detector system.
- It can be configured as being, a quick to set-up, portable security portal.
- It can be deployed in a hidden/unobtrusive security system.
- It offers minimal or no obstructions with respect to access areas where it is deployed.
- It alarms for major incidents such as ferromagnetic knives, guns, suicide bombers etc. with a very low false alarm rate for non-ferromagnetic objects - such as coins.
- Ferroguard can be linked to CCTV camera and can trigger a CCTV to capture a picture of the detected threat for subsequent closer inspection.
- It can be linked to security interlock doors or other components of an integrated security system.



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The sensitivity of Ferroguard can be manually adjusted to segregate different sizes of ferromagnetic object/signal strengths. Sensitivity levels may be adjusted to allow through smaller objects, to prevent repeated false alarms on everyday items such as keys. Ferroguard is available as a waterproof man portable system, ideal for installation at outside events or occasional use at indoor venues.