

Protection of Safes and Weapon Cabinets



We protect your values!

Valuables and weapon cabinets are used in private households as well as in commercial facilities for the storage of money, important documents and weapons. They are designed to protect the items contained therein against unauthorised access by means of armour plating and associated burglary protection.

Various degrees of protection are compulsory, depending on the installation location and intended application. In many cases it is advisable to provide additional monitoring of the safe or weapon cabinet. The aim is to report any unauthorised physical contact. Since safes are supposed to be located in inaccessible locations, touching the safe in the absence of the owner is to be regarded as an action that requires monitoring.

Even if break-in attempts are not successful, they often result in considerable damage to the exhibits and follow-up costs.



The Solution with Human Detector

The **Human Detector** is installed in the immediate vicinity of the safe. The sensor monitors the outer layer of the safe. The alarm is immediately triggered if someone touches the safe. The sensitivity can be set so that the alarm is triggered before the actual touch occurs. The safe can be monitored with the help of additional seismic sensors. Activities in its vicinity, such as the application of explosives, can therefore be detected. The completely self-sufficient operation is possible without the need of additional wiring, thanks to battery operation and wireless transmission of the alarm data.

The alarm signal of the **Human Detector** systems should be connected to an external alarm system. An immediate notification to an external location is required, since no person should be in the vicinity under normal circumstances. For this purpose cable as well as wireless options should be considered. Depending on the location, it is also recommended to connect a video surveillance system. This allows the immediate assessment of the situation and preservation of evidence. **Human Detector** can automatically control PTZ cameras. This provides the opportunity for the production of usable video material. The **Human Detector** alarm protection can be retrofitted without structural changes to the safe.

Due to the continuous further development, there may be differences in functionality between the different versions of the **Human Detector** modules. More detailed information can be obtained from us or our trained partners on request.

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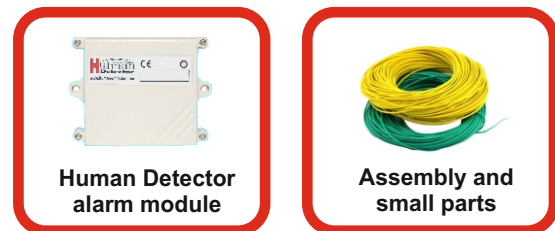
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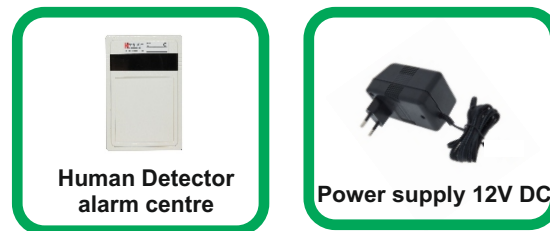
What Material is Needed?

The listed material is required for the protection of safes and weapons cabinets.

Basic Equipment:



Optional Accessories:



Installation - This is How it is Done

Please read the operating instructions carefully before commencing any work.

Place the **Human Detector** module in the immediate vicinity of the safe or weapon cabinet. Connect the capacitive sensor input to a conductive point on the cabinet. A screw connection may need to be fitted in a concealed location. For reference, a short piece of cable or a metal foil can be connected to the reference input of the **Human Detector** module. The **Human Detector** module can be placed in the vicinity of the safe. It can also be installed underneath the safe with a non-conductive spacer plate, if necessary. Select a low sensitivity setting in the alarm module. Then switch on the module. Test the alarm activation by trying to touch the safe. You can change the sensitivity in the **Human Detector** module and repeat the process until you have found the ideal setting.

If you want to use the seismic sensors, the module should be mounted for instance on the back of the safe. The required sensitivity needs to be set here as well.

Connecting to the **Human Detector** alarm centre or to an alarm loop of a burglar alarm system can be carried out subsequently. This work should only be carried out by trained personnel.

