

Model overview

APPLICATIONS AND FIELDS OF USE

Commercial datasheet



SECURITY TECHNOLOGY FOR MUSEUMS AND EXHIBITIONS

DESCRIPTION

The protection of museums, galleries and private collections has become more and more important in recent years. Due to the willingness of government and society to invest in culture and education, the number of museums and their visitors has increased in recent years. Although there is little reliable data available, it is assumed that there is an increase in theft and damage through vandalism to a similar extent. The significant art thefts in Berlin and Dresden or the damage to statues caused by oil splashes demonstrated that it is no longer just the occasional perpetrators who are up to mischief. More and more professional gangs of thieves or mentally or emotionally disturbed people are coming to the fore.

Both international and German bodies agree that this problem must be thwarted through modern technology. This includes efficient security technology in addition to showcase and video surveillance. The **Human Detector Flex** system was developed specifically for this purpose. The more than 30 years of experience of **heddier electronic GmbH** in the field of sensor and alarm technology - but also the close cooperation with leading showrooms - have created products that are perfectly tailored to the tasks.

Human Detector **Flex**

secures exhibits and works of art in museums, exhibitions and private collections. Sensors that are specially developed for various tasks offer lasting protection. The wireless alarm transmission and the choice between battery and mains operation allow the **Human Detector** technology to be quickly integrated into your exhibition.



OVERVIEW: APPLICATIONS AND ALARM SENSORS



Anwendungsbereiche

	HDF-SHOCK Mechanical vibration sensor	HDF-DOOR Door and flap sensor	HDF-EXTERN Transmitter for external sensors	HDF-HANG Sensor for gallery rails	HDF-WIRE Sensor for tear-off wires	HDF-3D PROTECT 3D acceleration sensor	HDF-OPTICAL Optical painting sensor	HDF-TOUCH Capacitive proximity sensor	HD-LSS4 Laser scanner 4 m	HD-LSS25 Laser scanner 25 m	HD-PSH/PSV Platform laser scanner	HD-PR Laser scanner for power rails
Display cases	★★★ Detection of hard impact shocks	★★★★	★★★★★ Connection of e.g. glass breakage sensors			★★★★						
Pedestals		★★★ Securing inspection hatches	★★★★★ Connection of e.g. glass breakage sensors			★★★★		★★★ Individual protection of exhibits	★★★★★ Preferred installation on the ceiling	★★★★★ Preferred installation on the ceiling	★★★★	★★★ Depending on mounting position
Dioramas		★★★ Securing inspection hatches	★★★★★ Connection of e.g. glass breakage sensors			★★★★		★★★ Individual protection of exhibits	★★★★★ Preferred installation on the ceiling	★★★★★ Preferred installation on the ceiling	★★★★	★★★ Depending on mounting position
Paintings			★★★ Connection of e.g. glass breakage sensors	★★★★			★★★★		★★★★★ Suitable for large paintings			★★★ Depending on mounting position
Picture walls			★★★ Connection of e.g. glass breakage sensors	★★★★			★★★ Economical with a low number of objects		★★★★★ Suitable for small walls	★★★★	★★★	★★★★★ Depending on mounting position
Wall reliefs			★★★ Connection of e.g. glass breakage sensors	★★★★		★★★	★★★★	★★★	★★★★★ Suitable for large reliefs		★★★	★★★ Depending on mounting position
Sculptures, statues (non-metallic)	★★★ Detection of hard impact shocks		★★★ Connection of e.g. glass breakage sensors		★★★★★ Effective protection against theft	★★★★			★★★★★		★★★★	★★★ Depending on mounting position
Sculptures, statues (from metal)	★★★ Detection of hard impact shocks		★★★ Connection of e.g. glass breakage sensors		★★★★★ Effective protection against theft	★★★★		★★★★	★★★★★		★★★★	★★★ Depending on mounting position
Art installations	★★★ Detection of hard impact shocks		★★★ Connection of e.g. glass breakage sensors		★★★★★ Effective protection against theft	★★★★		★ Metal objects, indoor use only	★★★ Suitable for indoor use	★★★★★ Suitable for indoor and outdoor	★★★ Suitable for indoor use	★★★ Depending on mounting position
Figurins			★★★ Connection of e.g. glass breakage sensors		★★★★★ Effective protection against theft	★★★★		★ Metal objects, indoor use only	★★★★★		★★★★	★★★ Depending on mounting position
Porcelain, stoneware			★★★ Connection of e.g. glass breakage sensors		★★★★★ Effective protection against theft	★★★ Individual protection with concealed installation			★★★★★			
Cups, trophies (from metal)			★★★ Connection of e.g. glass breakage sensors		★★★★★ Effective protection against theft	★★★ Individual protection with concealed installation		★★★★	★★★★★			
Antique furniture	★★★ Detection of hard impact shocks	★★★★	★★★ Connection of e.g. glass breakage sensors		★★★★★ Effective protection against theft	★★★★		★★★	★★★★★		★★★	★★★ Depending on mounting position
Carpets			★★★ Connection of e.g. glass breakage sensors								★★★★★ Effective protection with HD-PSH (horizontal)	
Animal specimens			★★★ Connection of e.g. glass breakage sensors			★★★★			★★★★★		★★★★	★★★ Depending on mounting position
3D models (various materials)			★★★ Connection of e.g. glass breakage sensors			★★★★		★★★	★★★★★		★★★★	★★★ Depending on mounting position
Technical exhibits and machines	★★★ Detection of hard impact shocks	★★★★	★★★ Connection of e.g. glass breakage sensors			★★★★		★★★★	★★★★★	★★★★	★★★★	★★★ Depending on mounting position
Vehicles (automobiles, bikes)	★★★ Detection of hard impact shocks	★★★★	★★★ Connection of e.g. glass breakage sensors			★★★★		★★★★	★★★ Suitable for small vehicles	★★★★	★★★★	★★★ Depending on mounting position
Protective containers and hazardous goods cabinets	★★★ Detection of hard impact shocks	★★★★				★★★★		★★★				

The combinations of safety technology and application examples listed here are to be understood as recommendations. Other combinations may be more suitable in individual cases. Our sales department would be delighted to help you find the right solution for you. All products can be combined with the radio control units (HDF-SPEECH and HDF-BUZZER) and the alarm management system (HDF-AMD). We recommend that supervising staff in the room are always equipped with an emergency call and panic button (HDF-REMOTE).

Human Detector *Flex* Product range at a glance

The units listed here resemble only a selection of our product range. Please refer to the relevant data sheets for the technical specifications of individual products. Detailed information is available on request. The sizes of the units shown are not to scale.



HDF-AMD
Alarm management device



HDF-ANTI JAM
Detector for jammers



HDF-BUZZER
Radio control centre with siren
HDF-SPEECH
Radio control unit with voice output



HDF-REMOTE
Panic and emergency fobber



HDF-SHOCK
Mechanical vibration sensor



HDF-DOOR
Door and flap sensor



HDF-EXTERN
Transmitter for external sensors



HDF-HANG
Gallery rail sensor



HDF-TOUCH
Capacitive proximity sensor



HDF-WIRE
Sensor for tear-off wires



HDF-3D PROTECT
3D acceleration sensor



HDF-OPTICAL
Optical painting sensor



HD-LSS4
Laser scanner 4 m, white



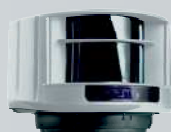
HD-LSS4
Laser scanner 4 m, black



HD-PSH
Horizontal platform laser scanner



HD-PSV
Vertical platform laser scanner



HD-LSS25
Laser scanner 25 m, white



HD-LSS25
Laser scanner 25 m, black



HD-PR
Laser scanner for power rails

Specifications are subject to change without prior notice. All measurements were performed under specific conditions.

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www.human-detector.com

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