

## Model: HDF-AMD

### SYSTEM FOR INTELLIGENT ALARM MANAGEMENT

Commercial datasheet



## SECURITY TECHNOLOGY FOR MUSEUMS AND EXHIBITIONS

### DESCRIPTION

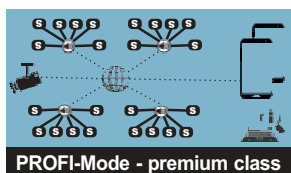
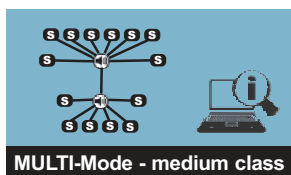
Due to its various alarm control units and sensor modules, the **Human Detector Flex** alarm system is the ideal basis for effectively securing and guarding exhibitions, collections and luxury goods. Operators quite often do not wish to disturb visitors of the exhibition with acoustic alarms from the alarm system. Private collectors may wish to have alarm messages sent to external alarm control centers. Video control centres were therefore installed in large museums, for example with specially trained staff. The alarm centres control the room supervisors by radio and direct them to the exact location where the alarm was triggered. The **HDF-AMD** radio system can take over the task independently. The so-called alarm management unit evaluates all alarm messages and forwards them immediately to internal control centers. There is no need for the usual siren sounds and voice messages, if required. Any external service providers can also be connected via the **SIA-DC09 protocol**. The **Ademco CID** protocol integrated in the SIA standard is used for this purpose. The **HDF-AMD** offers various additional functions for comprehensive alarm management.

The **HDF-AMD** automatically monitors all activities and alarms in your museum.

Alarm messages are routed directly via SIA-DC09 Ademco CID-protocol to any internal or external control center. The professional solution avoids the exhibition being disturbed by alarm sounds, if desired.

The **HDF-AMD** system is a forward-looking and innovative form of alarm monitoring and processing.





## TECHNICAL SPECIFICATIONS

Technology	Wireless radio unit with Ethernet interface and Linux operating system
Receive frequency	869,5 MHz
Receive sensitivity	-121 dBm alarms, -116 dBm IoT platform
Transmitter output	+15 dBm, +13 dBm IoT platform
Interfaces	Ethernet-Port RJ45, WLAN for configuration *1
LED	3 x 5 mm red indicating radio operation, 2 x 5 mm green and yellow LED for programming functions
Antenna	3 Whip antenna with 90° bend, SMA connector (male)
Other functions	Wall installation via lateral retaining lugs Monitoring strength of receive signal Supporting all operating modes (no restriction on the number of modules) Alarm output to control center via <b>SIA-DC09 Ademco CID protocol</b> *2 Monitoring of alarm confirmations from the radio control centres *3 Monitoring activation/deactivation of the radio control centres *3 Secure forwarding of alarm messages to external service providers *4 Detection of jamming devices (optional with <b>HDF-ANTIJAM</b> )
Supply voltage	230 VAC, 50 Hz (mains adapter included) *5
Dimensions	129 mm (L) x 155,6 mm (W) x 45 mm (H) 322 mm (L) x 206 mm (W) x 45 mm (H) with antennas *6
Weight	565 g (incl. plug-in power supply)
Material of casing	Impact-resistant plastic ABS UL94V-1
Protection class	IP20 (EN 60529)
Temperature range	-10° C to +60° C if powered
Humidity	0-95%, non-condensing
Content of delivery	<b>HDF-AMD</b> wireless unit, power supply and 3 antennas
Conformity	EN 61000-6-2; EN 61000-6-3; EN 62368-1; EN 63311 ETSI EN 301489-1, ETSI EN 301489-3, ETSI EN 300220-2; EN 63000 (RoHS)

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

\*1 The **HDF-CONFIGURATOR** software is used for configuration. Available to download or in digital format on request.

\*2 For further information please see the **HDF-CONFIGURATOR** Software manual.

\*3 For monitoring alarm confirmation and activation/deactivation, an **HDF-EXTERN** module must be connected to the radio control units.

\*4 The connection of external service providers (control center) is an additional service.

\*5 If required, the **HDF-AMD** radio unit can also be operated without a plug-in power supply unit; operating voltage is 10-13.2 V DC, 2A.

\*6 The supplied antennas can be replaced by external antennas or can be bent. Dimensions change therefore accordingly.

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Human Detector® HDF-AMD

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