External Passive Infrared Detector
IS392DH

- 60m directional medium range curtain
- ATD adaptive threshold discrimination for low nuisance alarm rate
- Comprehensive protection concept against all extraneous influences
- True temperature compensation and heating
- Continuous function surveillance
- Configurable directional discrimination detection
- Detection of intruders at crawling, walking and running speeds

Answers for infrastructure.

SIEMENS

Description

■ **Versatile in application**

This medium-range detector feature narrow curtain coverage and are the ideal choice for monitoring any perimeter section that is too short for long-range curtains. The award-winning directional detectors IS392DH can be configured to trigger an alarm only if an intruder crosses the curtain in a specified direction or bi-directionally. The detector incorporates the feature the lowest possible nuisance alarm rate in either configuration compared to standard curtains.

The IS392DH is suitable for the harshest of outdoor environments. The integral mounting bracket allows for alignment of the detector in any position. The internal switches allow for a quick and simple setup, while the configuration software allows for more complex configurations. This version of an external passive infrared detectors, incorporate a pyroelectric differential, dual channel optics, which allows for left to right or right to left detection through the detctors' curtain. This feature can assist with reducing unwanted alarm signals by up to 60%. A selection of installation and commissioning accessories are available to assist with the final configuration and ongoing maintenance of the detector.
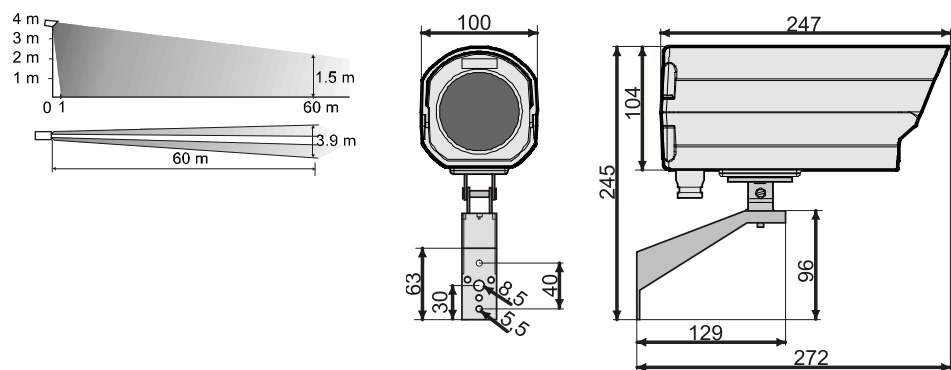
■ **Effective**

Both types of detectors can be used in standalone manned intrusion systems or as part of a sophisticated video surveillence system. Applications include fenced or restricetd areas like army camps, detention centre, government facilities, industrial sites and private premises.

■ **Highly professional**

Uniform high sensitivity is achieved through the special focused mirror optics and the micro-processor-controlled signal analysis. Adaptive alarm threshold decoding for feedback of ambient conditions and true temperature compensation ensure reliable detection. This comprehensive protection concept gives the dtector outstanding immunity against environmental infulences such as temperature fluctuations, rain , snow, electromagnetic fileds and dazzling lights.

■ **Coverage areas and dimensions**

IS392DH

Dimensions [mm]

■ Technical Specifications

	IS392DH
Detection characteristics / Range	Curtain 60 m (d) x 3.9 m (w)
Optics	Pyroelectric, differeential dual channel
ATD Adaptive threshold discrimination	Activated / deactivated
Supply voltage, auto sensing	10.5…30 V DC / 24 V +/-15% AC
Power consumption (at DC 12 V), quiescent	18 mA
Heating	max. 2 W at - 40 ºC
Detection speed	0.2…5 s
Alarm hold time	2…3 s
Alarm Indication internal	Red LED
Transistor output	Open collector NPN, 30 V DC, max. 50 mA
Tamper output (cover switch & alignment)	30 V DC / 100 mA
Control input: Walk test; Unset/Set	LOW ≤ 1.5 V DC / HIGH ≥ 3.5 V DC
Mounting height	2.5…4.0 m
Mounting	Wall mounting bracket included, pole bracket optional
Cable Access	2 x 4…7 mm cable glands
Cable termination	Screw terminals via plug-in connector
Sensitivity adjustment (as % of standard)	
− via DIL switches	40 / 70 / 100%
− via software	20…140%
Operating temperature	- 40…+ 60 ºC
Storage temperature	- 20…+ 60 ºC
Air humidity	< 95 % RH, non-condensing
Housing protection (EN 60529)	IP65
Anti Vandal Function	Activated / deactivated

■ Options

ISIF485B	A5Q00026219	Installation module and software
ISWT-PRO	S54533-Z112-A100	Cordless installation tester
ISMD41-3	A5Q00026220	Pole mount hardware
ISTC41	BPZ:4455260001	Telescope

ISTC41   ISWT-PRO   ISIF485B

■ Ordering Information

Type	Art.-No.	Description	Weight
IS392DH	S54533-F106-A100	External passive infrared curtain, with heater	900 g
ISIF485B	A5Q00026219	Installation software & module	400 g
ISWT-PRO	S54533-Z112-A100	Cordless installation tester	175 g
ISMD41-3	A5Q00026220	Pole mount adapter hardware	160 g
ISCT41	BPZ:4455260001	Telescope	320 g

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