

DSH

Wireless Smoke and Heat Detector



The DSH is a wireless smoke/heat combo detector, designed to detect any buildup of smoke in homes and offices, sound an alarm, and wirelessly alerts the control panel. The detector continuously monitors the surrounding air and gives early warning before potentially dangerous levels exist. The heat sensor is designed to give early warning of developing fire, and to provide precious time to escape before a fire spreads.

The DSH alerts on low battery condition, and has a tamper switch that activates when its enclosure is opened or removed from the mounting surface. The detector transmits supervision reports, and has a LED that indicates on any alarm transmission and when the battery is low.

PIMA Electronic Systems' portfolio includes a wide selection of hardwired and wireless detectors, sensors and sirens for both security and safety purposes. Our products are developed with uncompromising quality, ease of installation, and operation experience.

PIMA's wireless detectors integrate the FastLink technology, an advanced wireless detection technology using true, 128-bit AES encryption that ensures maximum wireless security.

PIMA's detectors are a perfect solution for the business as well as for the home markets.

PIMA's alarm systems interface with a wide selection of expanders and peripherals, enabling the customer to expand the system as needed.

Features

- Detects and alerts on the presence of smoke and/or high temperature (heat)
- Wall and cover tamper switch
- Battery powered with low battery reporting
- Sends supervision signal every 15 minutes to the control panel
- Designed for indoor installation
- Status indication LED

Technical specifications

- Transmission:
 - Frequency (MHz):
 - DSH143: 433.92
 - DSH187: 868.95
 - Output: 10mW
 - Bandwidth: 100KHz
 - Modulation: FM
- One-way
- Smoke Sensitivity Range:
 - EN14604: 0.105dB/m~0.165dB/m
 - UL217/268: 1.8%/ft~3.5%/ft

- Heat Temperature Range:
 - EN54-5: 1°C/min in 29 (lower limit) / 46 (upper limit)
 - UL539: 53.3°C (min) / 73.9°C (max)
- Box opening and wall removal tamper event
- Battery: 1X CR123A, 3VDC, Lithium.
- Battery life cycle: up to 5 years (typical usage)
- Low battery status report
- Standby current: 25uA
- Alarm current: 60mA (max.)
- Sound level: 85dB/3M
- Dimensions: 12cmØ X 5.75cm
- Weight (excluding battery): 200g
- CE compliance
- Operating temperature: -10 to +50 °C
- Humidity (max.): 93% R.H., non-condensing

Ordering Information

- DSH143: 8832002
- DSH187: 8832008



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For product information
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