

Datasheet

NB Smoke Multi detektor serial
(P119602 / E6310096)



NookBox

Smart Home Security



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SD-29 Series is a wireless smoke detector with built-in PIR motion sensor and heat detection capability. Designed to protect your family against potential fire hazards, the Smoke detector is also capable of detecting movements and reporting temperature to users.

The Smoke Detector can be interconnected with other Smoke Detectors in the alarm system, and will raise alarm when any Smoke Detector in the system is triggered (SD-29-HME-SC only). The interconnected Smoke Detectors can also be controlled by the system panel to turn on their white LEDs.

Heat Detection	PIR Motion Sensor	Emergency Light	Interconnection
●	●	●	●

Features

- Reflective photoelectric sensor to detect smoke from any source, especially smoldering fires
- Rate-of-rise heat detection when temperature exceeds 57.25°C or rises by 8.25°C per minute (optional)
- Auto-calibration every month to re-adjust detection threshold value
- Self-diagnostics function to ensure optimal performance
- Loud 85dB Siren for audio alert
- Wireless for easy and flexible installation
- Randomized supervision signals to check system integrity
- Built-in PIR motion detects movements and supports scene creation (optional)
- Built-in Emergency light to provide visual alerts (optional)
- Alarm silence button to quiet nuisance alarms
- Excellent stability with high sensitivity
- Extensive RF range and fast speed data transmission
- LED status indicators for visual notification
- Low battery detection
- Suitable for residential and commercial premises
- EN14604 certified

Specifications

SD-29-HME

RF Frequencies	433 MHz / 868MHz
Power Source	3V, AA Alkaline battery x 2 / 3V, CR123 Lithium battery x 3
Battery Life	8 years* (Alkaline) / 10 years* (CR123)
Audible Output	85dBA at 3m
Temperature Sensitivity	±1°C
PIR Motion Detection Range	Up to a radius of 8 meters (at 3 meter mounting height**)
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	105mm x 105mm x 41mm

SD-29-HME-SC

RF Frequencies	433 MHz / 868 MHz
Backup Battery	3V, CR123 Lithium Batteries x3
Backup Battery Life	5.5 years
Audible Output	85dBa at 3m
Temperature Sensitivity	±1°C
PIR Motion Detection Range	Up to a radius of 8 meters (at 3 meter mounting height**)
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	105mm x 105mm x 41mm

SD-29-HME-SC-AC

RF Frequencies	433 MHz / 868 MHz
Power Source	100-240AC, 50/60Hz
Backup Battery	200mAh, NiMH battery pack
Battery Battery Life	39 days*
Audible Output	85dBA at 3m
Temperature Sensitivity	±1°C
PIR Motion Detection Range	Up to a radius of 8 meters (at 3 m mounting height**)
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	105mm x 105mm x 41mm

*Note: Actual battery life may vary with product settings, operating environment, and usage.

**Note: Mounting above 3 meters may affect detection performance.



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www.getnookbox.com