EN1243 EchoStream Wireless Smoke/Heat Detector

The EN1243 EchoStream wireless smoke/heat detector features an onboard sounder, a smoke and heat sensor, and an LED set and local test capability to allow the user total visibility of its functionality. It is self-monitoring, alerting the user when cleaning is needed or batteries are low, and automatically supervising the radio link.

Product Features

Local test and silence alarm functions
Low battery detection
Maintenance warning
Tamper switch for prevention against sensor removal
Smoke and heat sensor

Product Specifications

Dimensions:	Detector: 5.4" x 2.4" (14.2cm x 6.1cm) Base: 5.4" x 0.46" (13.7cm x 1.17cm)
Weight:	8.9 oz.
Current consumption:	Stand by: 35µA; alarm: 120µA; test: 2mA
Internal battery type:	Panasonic CR123A
Typical battery life:	3-5 years
Low battery threshhold:	Low battery signal at 2.7V
Operating environment:	
RFI immunity:	20 V/m minimum; 0-1000 MHz
Temperature:	32°F to 100°F (-0°C to 38°C)
Humidity:	10 to 90% (non-condensing)
Market:	North America, Australia, New Zealand
EchoStream® frequency:	902-928 MHz, frequency hopping spread spectrum
Regulatory compliance:	FCC, RoHS, C-TICK, UL 217[1]
Check-in time frequency:	3 minutes
Smoke detector sensitivity:	0.14 ± 0.04 dB/m
Drift compensation:	0.5%/ft. (1.64%/m) max
Heat alarm, fixed:	135°F +/- 5°F (57.2°C +/- 2.8°C)
Heat alarm rate of rise:	15°F/min > 105°F (8.3°C/min > 40.6°C)
Sounder:	
Alarm:	85 dB @ 3 m, temporal output
Low battery:	1 every 45 ± 2 seconds

Reference Materials (available at www.inovonics.com)

EN1243 EchoStream® Wireless Smoke/Heat Detector Installation Instructions

Security End Device Developer Guide

EchoStream One-Way Security Developer Guide

- The range and performance of any wireless product depends on the structure and environment in which it operates.
- Continual enhancements to our products may cause specifications to change without notice.
- To view the Declaration of Conformity, go to www.inovonics.com and type "declaration of conformity" in the search field.
- Patents: 7,154,866; 7,554,932; 7,746,804; others pending.

[1] The EN1243 is not a CSFM approved smoke alarm, per California Health and Safety Code Section 13114 (State Fire Marshal Information Bulletin 14-007).

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