



## Product Data Sheet

# NX-492N-I

Wireless smoke detector with self diagnostic

The NX-492N-I is a wireless photo-electric smoke sensor with a built-in sensitivity meter monitoring continuous its own operational status and provides a visual trouble condition if it drifts out of the sensitivity range or fails internal diagnostics. The alarm sensitivity level can be determined at the alarm without a meter.

Built-in drift compensation, usually only available in analog systems, allows the alarm to adjust automatically its sensitivity over time as it becomes dirty. This feature dramatically increases the time between cleanings and reduces false alarms.

A built-in 85 dB sounder is ideal for residential installations and other occupancies where people are sleeping.

Once a day and immediately upon the first power up, the alarm performs a full diagnostic test that includes a dynamic test of the sensing chamber and internal electronics.



### Standard Features

- Photo-electric smoke detector with built-in piezo sounder and status LED (normal / alarm / trouble condition)
- Supervisory signal transmitted every 64 minutes
- Equipped with test / silence button
- Field replaceable optical chamber
- Built-in drift compensation reduces false alarms
- Low current draw increases battery life
- CPD certified 1134-CPD-039
- Compliant to EN14604:2005/AC:2008



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## Specifications

Battery type	2 x 3 V Lithium
Battery lifetime (typical)	3 years
Operating frequency	433 MHz
Open-air range	150 m
Operating range	4°C to 38°C
Storage temperature	-34°C to 60°C
Humidity	10% to 90% non-condensing
Sensitivity	0.14 +/- 0.04 bB/m
Dimensions	142 x 61 mm
Base	137 x 11.7 mm
Sounder	85 dBA at 3m (continuous tone)

## Ordering Information

Part No.	Description
NX-492N-I	Wireless smoke detector with self diagnostic
DL123A	3 V Lithium battery Duracell DL123A (unit)

