

## Overview

GE wireless compatible photoelectric smoke detectors come in a variety of models for different OEM applications. The 560/570 Series is specifically designed and listed for use with OEM's proprietary transmitters and systems. Additional submittals to a Nationally Recognized Testing Laboratory will be required to complete the Listing process.

All GE wireless compatible photoelectric smoke alarms and detectors continually monitor operational status and provide a visual trouble condition if they drift out of the sensitivity range or fail internal diagnostics. The series meets NFPA 72 field sensitivity testing requirements without the need for external meters. The alarm sensitivity level can be determined at the unit. Another feature is built-in drift compensation that allows the alarm to adjust sensitivity automatically as it becomes dirty over time. The drift compensation feature dramatically increases the time between cleanings, as well as reducing the chance of a nuisance alarm.

Additional diagnostic information is activated by applying a magnet near the detector's integral reed switch. This initiates a self-diagnostic routine and provides visual indication of sensitivity level, or if service is required.

The 560/570 Series is powered by long life 3V Lithium batteries that can provide power to both the smoke alarm and OEM transmitter.

## Standard Features

- Long-life 3V lithium battery operated
- Field-replaceable optical chamber
- Integral 85dBA sounder
- Automatic drift compensation
- Optional integral heat detector
- Smoke alarm test/hush feature
- Low-profile design that blends into ceiling
- Base tamper provides trouble condition if smoke alarm is removed

# Wireless Compatible Smoke Alarms and Detectors

560N/570N



## Engineering Specification

The GE 560N/570N Series wireless compatible smoke alarms and detectors monitor their own sensitivity and operational status by continuously verifying the integrity of the sensing chamber and internal electronics. The alarm meets the NFPA 72 field sensitivity requirements without the need for external meters. The 560N/570N series alarms and detectors' drift compensation feature automatically adjusts their sensitivity up to a maximum of 0.5%/ft., if they become dirty. This feature increases immunity to dust and dirt by 30-50%. Each of the UL 217 smoke alarm models in the GE 560N Series ship with a built-in 85dBa sounder that will sound the ANSI temporal 3 pattern until the smoke has cleared or the unit has been silenced.

Note: The wireless compatible 560N/570N Series includes CleanMe®. When a CleanMe condition occurs, the alarm transmits a trouble signal to the control, which in turn reports to the central station indicating the unit needs service.

SKU guide: 562NSTR

5 = 500 Series

6 = UL 217 recognized

0 = No batteries included

2 = 2 - 3V Lithium batteries included

7 = UL 268 recognized

S = Integral Sounder

T = Dual fixed/ROR heat

R = Plastic housing not assembled

20PKG = Bulk pack of 20 units

## Ordering Information

560NS	Wireless compatible, Photoelectric smoke alarm, Sounder, 3V, no batteries, UL 217
560NSR-20PKG	Wireless compatible, photoelectric Smoke alarm, sounder, heat, 3V, no Batteries, plastic housing not assembled, Package of 20 units, UL 217
562NS	Wireless compatible, Photoelectric smoke alarm, Sounder, 2- 3V lithium batteries included, UL 217
562NST	Wireless compatible, Photoelectric smoke alarm, Sounder, heat, 2- 3V lithium batteries included, UL 217
572NS	Wireless compatible, Photoelectric smoke detector, Sounder, 3V, 2 - 3V lithium batteries, UL 268 recognized
572NS	Wireless compatible, Photoelectric smoke detector, Sounder, 3V, 2 - 3V lithium batteries, plastic housing not assembled, Package of 20 Units, UL 268 recognized

### Accessories

401	Test magnet in a plastic shell for pole mounting
SM200-12PKG	Smoke! in a Can® (aerosol spray) for functional testing of smoke detectors, pack of 12
SM-EXT1	Smoke! in a Can extension tube
211-10PKG	Replacement optical chambers, pack of 10

## Technical Specifications

<b>Electrical</b>	
Voltage	3VDC
Typical average standby current	35µA
Typical test current	2mA
Typical alarm current	70mA
Battery type <sup>1</sup>	3V Lithium, Duracell® 123, Sanyo® and Panasonic® CR123A
Low battery threshold	2.7V causes low battery signal
Sounder <sup>2</sup>	85dBa at 10', temporal pattern
Low battery beep rate	1 every 45 ± 2 sec
<b>Signal Types</b>	
Outputs	Alarm, restore, tamper, low battery, trouble, 1 hour supervisory
<b>Environmental</b>	
Sensitivity	2.3% ± 0.890%
Operating temperature	40 °F to 100 °F (4.4 °C to 38 °C)
Operating humidity	0-95% non-condensing
RF Immunity	20V/m min; 1-1000MHz
<b>Physical</b>	
Color	White
Alarm dimensions	5.6 x 2.4" (142 x 61mm)
Base dimensions	5.4 x 0.46" (137 x 11.7mm)
Drift compensation adjustment	0.5%/ft. max
Heat alarm specifications	Rate-of-rise: 15°F/min >105°F (8.3°C/min > 40.6°C) Fixed: 135°F ± 5°F (57.2°C ± 2.8°C)
<b>Regulations</b>	
Approvals	560N UL 217 recognized; 570N UL 268 recognized.*

Note 1: These batteries are the ONLY brands that have been tested and approved for use with the 560/570 series.

Note 2: Some 570 models do not include integral sounder.

\* Specifications only for 560N smoke alarm when listed with a transmitter and a 570N when listed with a UL 864 Commercial Fire Alarm System. Please call OEM sales at 800.547.2556 for more information regarding the process for fully listing the 560N/570N wireless compatible smoke alarm and detectors with an OEM transmitter.