# BRK®
**THE PROFESSIONAL STANDARD**

# SC5 Battery Smart Smoke & Carbon Monoxide Alarm
SKU: BSMCO600NVBX1

works with
**Nest Protect**
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**Alerts Home or Away**
Alerts the homeowner's phone if smoke or CO is detected

**Voice Alerts with Heads-Up Warning**
Voice tells the type and location of danger

**Interconnect**
When one alarm sounds, all compatible alarms sound

**Low Battery Notifications**
Be notified when the batteries are low, eliminating late night chirps

**2-in-1 Protection**
Smoke/fire and carbon monoxide alarm

**End of Life Signal**
Provides audible notice when the alarm needs to be replaced.

**Battery** | **Wi-Fi** | **10 YEAR** Limited Warranty | **p** Photoelectric Sensor | **n** Works with First Alert by Resideo app | Conforms to UL STD 217 & UL STD 2034 — Helps reduce nuisance cooking alarms.

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## Architectural and Engineering Specs

The smoke alarm shall be a BRK Model SMCO600NV and shall provide at a minimum the following features and functions:

1. A photoelectric smoke sensing chamber and an electrochemical CO sensor both with a 10 year service life.
2. Powered by six 3V CR123A lithium batteries and a solid state piezo horn rated at 85dB at 10 ft.
3. A Voice Warning of Smoke or Carbon Monoxide detected in addition to speaking several pre-programmed locations, e.g. "Warning, Evacuate, Smoke in Basement."
4. Visual LEDs power-on indicator to confirm unit is receiving power or is in alarm.
5. A full function test button. The test button should check all alarm functions by stimulating the chamber to simulate a smoke condition, causing the unit to alarm.
6. The unit shall be capable of operating between 40°F (4.4°C) and 100°F (38°C) and relative humidity between 20% and 95%.
7. The CO sensor is adjusted not to detect CO levels below 30 PPM and will not alarm when exposed to constant levels of 30 PPM for 30 days. It will alarm at the following levels: 400 PPM CO between 4 and 15 minutes, 150 PPM CO between 10 and 50 minutes and 70 PPM CO between 60 and 240 minutes.
8. The unit shall have an "End of Life" signal (5 chirps). This signal should be capable of temporarily being silenced for up to 2 days. After about 2 days, the signal will resume. After about 2 weeks the signal cannot be silenced
9. The unit shall be capable of wireless interconnection of up to 18 alarms.
10. The unit meets the applicable requirements of UL217 and UL2034, CSFM, NFPA 72 and the ICC.

## Installation of Alarm

Installation of this smoke alarm must conform to NFPA 72. Always check your local building codes. Follow all instructions for placement as outlined in the Installation & Reference Manual in sections titled "Where To Install This Alarm" and "Where Not To Install This Alarm."

Find compatible alarms

## System Requirements
Wireless Network
Android or iOS Device
First Alert App

## Technical Specs

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|---|---|
| Alarm Dimensions: | 5.750 in. (146.05mm) Length x 5.750 in (146.05mm) Width x 1.615 in (41.02mm) Height |
| Weight: | 15.9 oz (449 g) |
| Battery: | Six (6) - 3V CR123A Lithium Batteries |
| Temperature Range: | 40° F and 100° F (4.4° C and 38° C). |
| Humidity Range: | 20% to 95% relative humidity (RH) |
| Audio Alarm: | 85dB at 10 feet |
| Test/Silence: | Electronically simulates smoke condition, causing the unit to alarm. Press and hold test/silence button. |
| Interconnections: | Up to 18 units of First Alert or BRK SC5 Smoke & Carbon Monoxide Alarms and Nest Protect. See Installation & Reference Manual. |
| Smoke Sensor: | Photoelectric |
| CO Sensor: | Electrochemical |

Indicator Lights/Sounds:

| | |
|---|---|
| DC Power: | Flashes Green every minute |
| Smoke Alarm: | 3 Beeps, Flashes Red |
| CO Alarm: | 4 Beeps, Flashes Red |
| Low Battery: | 1 "Chirp" every Minute – Replace Battery |
| Malfunction: | 3 "Chirps" every Minute – Replace Alarm |
| End of Life: | 5 "Chirps" every Minute – Replace Alarm |
| Listing: | UL 217 and UL 2034 |

**BRK** | **FIRST ALERT**

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