



## Meet the all-new Nest Protect.

Nest Protect has been redesigned from the inside out. It has an industrial-grade smoke sensor, can be silenced from your phone, tests itself automatically and lasts for up to 10 years. It also tells you what's wrong and can even alert your phone.



## The smoke alarm other alarms look up to.



**You'll know, from anywhere.**

Nest Protect alerts your phone when something's wrong in case you're not home.



**It looks for both fast- and slow-burning fires.**

The Split-Spectrum Sensor uses two wave lengths of light to detect smoke.



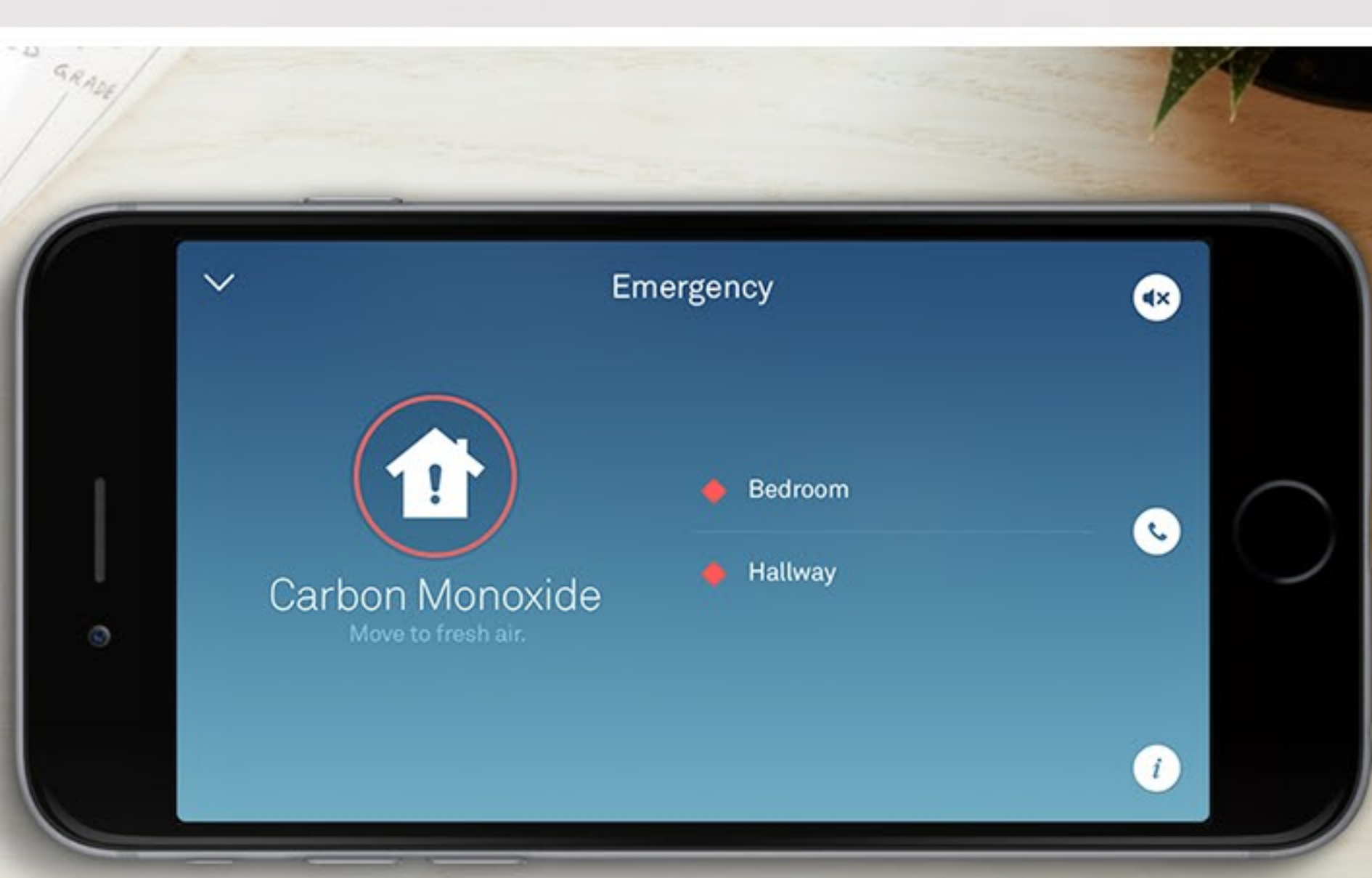
**Nest Protect is the first alarm you can silence from your phone.**

Barely burned the popcorn? Get a friendly Heads-Up that you can silence using the Nest app.

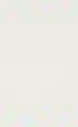


**It tells you if there's smoke or carbon monoxide.**

When something's wrong Nest Protect speaks up to tell you what's wrong and where the danger is.



## Always be in the know.



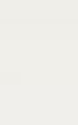
**Looks after you for up to 10 years.**

Its long-life sensors keep you safe and sound for up to a decade.



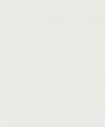
**It tests itself, so you don't have to.**

Nest Protect checks itself over 400 times a day and lets you know if something's up.



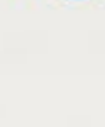
**It reduces false alarms by looking for steam.**

Nest Protect uses its humidity sensor and an advanced algorithm to look for steam so you can take a nice, quiet shower.



**It lights your way at night.**

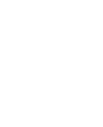
When you stumble out of bed for a glass of milk, Pathlight will light your way. You can adjust the brightness in the Nest app.



**It helps you sleep safe and sound.**

Tired of being jolted awake at 2 a.m. by a low-battery chirp? A green glow when you turn off the lights shows you that everything's OK. Sweet dreams.

## Technical specifications.



**Power**



**Battery**

Six long-life AA Energizer® Ultimate Lithium batteries



**Wired**

230 V connector  
Three long-life AA Energizer® Ultimate Lithium backup batteries



**Colour**



White



**Features**

- Voice alarms with custom location
- Phone alerts include:
  - Low-battery
  - Smoke
  - Carbon monoxide
  - Sensor failure
- Split-Spectrum Sensor
- Nest App
- App Silence
- Detects carbon monoxide
- Heads-Up alerts
- Up to 10-year product lifetime
- Sound Check
- Nightly Promise
- Self Test
- Pathlight
- Steam Check
- Wireless Interconnect
- Safety History
- What To Do
- Home Report
- Emergency Shutoff with Nest Learning Thermostat
- Emergency clip record with Nest Cam



**Languages**

Pre-installed languages, by country  
United States: English, Spanish  
Canada: English, French (Québécois)  
United Kingdom: English (British)  
France, Belgium and the Netherlands: French, Dutch

After setup, you can change the language that Nest Protect speaks to any of the above languages.



**Sensors**

Split-Spectrum Sensor, 450 nm and 880 nm wavelength  
10-year electrochemical carbon monoxide sensor  
Heat sensor, ± 1 °C (± 1.8 °F)  
Humidity sensor, ± 3% RH  
Occupancy sensor, 120-degree field of view to 20 feet (6 m)  
Ambient light sensor, 1-100,000 lux dynamic range  
Omni-directional microphone, 70 dBA SNR



**Speaker, siren and light ring**

Speaker: 80 dB at 1 metre  
Siren: 85 dB at 3 metres  
RGB colour ring with 6 LEDs



**Size and weight**

Height: 5.3 inches (13.4 cm)  
Width: 5.3 inches (13.4 cm)  
Depth: 1.5 inches (3.85 cm)  
Mass: 13.9 ounces (379 g)

Height: 5.3 inches (13.4 cm)  
Width: 5.3 inches (13.4 cm)  
Depth: 1.5 inches (3.85 cm)  
Mass: 13.2 ounces (375 g)



**Connectivity requirements**

Wi-Fi connection  
Mobile or tablet with iOS 8 or later, or Android 4 or later  
Free Nest account



**Wireless**

Working Wi-Fi connection: 802.11b/g/n @ 2.4 GHz  
Wireless Interconnect: 802.15.4 @ 2.4 GHz  
Bluetooth Low Energy (BLE)



**Certification**

**The 2nd-generation Nest Protect has been tested by UL to comply with European, US and Canadian safety standards. Nest Protect complies with all of the following smoke and carbon monoxide alarm standards:**

EN-14604 – Smoke alarm devices.  
EN-50291 – Electrical apparatus for the detection of carbon monoxide in domestic premises.

EN-50271:2010 – Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen.

EN-50292 – Electrical apparatus for the detection of carbon monoxide in domestic premises.



**Operating temperature and humidity**

The alarm should not be installed in locations where the normal ambient temperature is below 4 °C or exceeds 38 °C.  
Humidity range: 20% RH to 80% RH (non-condensing).

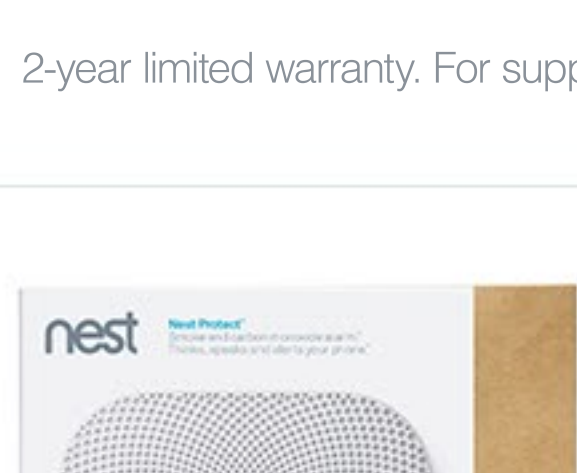


**Warranty**

2-year limited warranty. For support, visit [nest.com/eu/support](http://nest.com/eu/support)



**In the box**



- Nest Protect (battery)
- Six long-life batteries
- Back plate
- Four screws
- User guide
- Welcome guide
- 2-year limited hardware warranty



- Nest Protect (wired 230 V)
- Three long-life backup batteries
- Back plate
- Four screws
- AC 230 V connector
- Three terminal blocks
- User guide
- Welcome guide
- Nest Pro information card
- 2-year limited hardware warranty