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Menu [Nest Control your Nest >](#)

• Love your smoke alarm.

[Watch the video](#)

• You don't have to swing a towel at it.

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• Cares for your family as much as you do.

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• Tests itself constantly.

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- [Life with Nest Protect](#)
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1. Redefining the smoke and carbon monoxide alarm.

We believe a smoke alarm should do more than chirp, blink or yell at you. So we created Nest Protect. It required new thinking. New sensors. New algorithms. We couldn't just tweak, we had to invent. And it required testing. And more testing. And even more testing. And it was worth it. Because we changed what a smoke alarm can be.

2. A light that does more than blink at you.

The Nest Protect ring gives you more information than you're used to getting from a smoke alarm. It will glow yellow if there's a potential problem, red in an emergency or green to show you the batteries and sensors are working.

3. Designed with air in mind.

Airflow is key to a smoke alarm. And the right amount of air means better detection. We designed Nest Protect so air comes in through the side vents and flows along interior channels that guide it toward the sensor.

4.

5. Smoke chamber & sensor

Fire is unpredictable. The smoke chamber is designed to draw air from any direction to the photoelectric sensor inside.

Heat sensor

Where there's a quickly rising temperature, there's often fire. If Nest Protect senses a quick rise in temperature, it becomes more sensitive to smoke. You get an earlier alert, and more time, to handle an emergency.

6.

7. Carbon monoxide sensor

Carbon monoxide (CO) is odorless, colorless, and can be deadly. When the sensor detects dangerous levels of CO, it immediately triggers an alert. Confusion is a symptom of CO poisoning, so Nest Protect tells you what you need to do.

Activity sensors

Tired of waving a towel at the smoke alarm when you burn the popcorn? Three activity sensors let you simply wave your hand at Nest Protect to hush the alarm.

8. Light sensor and ring

9. Light sensor and ring

When you turn out the lights, Nest Protect shows you the batteries and sensors are OK by glowing green for a moment. And if you want a glass of milk in the middle of the night, it lights your way.

10.

11. Sound the alarm

You'll know there's an emergency when you hear the horn sound in addition to a voice alarm. The horn will get your attention and the voice will tell you what's going on.

Talks to you

In a potential emergency, you need to know what the danger is and where it is. This speaker will tell you exactly that in English or Spanish.

12.

13. Long-life batteries

You won't need to switch out the batteries every year. And long before they run out, Nest Protect will notify you so you can replace the batteries and don't suffer the dreaded late-night, low-battery chirp.

14. Built to connect.

Nest Protect uses Wi-Fi to talk to the Internet for alerts and updates to your Nest app. And even if Wi-Fi goes down, your Nest Protects stay connected to one another.

[See system requirements >](#)

15. Nest Protect

All of these sensors and all of that thinking fit neatly inside Nest Protect. Together they create a smoke alarm that's more friendly. That's more thoughtful. And to us, this matters. Because the things that protect our families should be as brilliant as they can possibly be.

[See it in action >](#)

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Go inside

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[Connected](#)

Everything's connected.

Nest Protect is better with Wi-Fi. Once it's on your network, you can tell each Nest Protect which room it's in and get access to your smoke and CO alarm from your phone.

1. It'll send you a notification when an alarm goes off.
2. See the battery and sensor status of any of your Nest Protects.
3. See What to Do in an emergency.
4. Turn features like Pathlight and Heads-Up on or off or change room names.

[Connected](#)
[Tech specs](#)

Tech Specs

Batteries

6 AA Energizer Ultimate Lithium batteries

Long-life batteries designed for multi-year operation

Wired (120V)

3 AA Energizer Ultimate Lithium backup batteries

Long-life backup batteries designed for multi-year operation

Colors

White
Black
Exclusively on nest.com

External button and connector

- **Batteries**
- Nest button
- **Wired (120V)**
- Nest button
- 120V AC connector

Size and weight

- Height: 5.28 inches (13.4 cm)
- Width: 5.28 inches (13.4 cm)
- Depth: 1.63 inches (4.1 cm)
- Weight: 13.1 ounces (372 grams)
- Height: 5.28 inches (13.4 cm)
- Width: 5.28 inches (13.4 cm)
- Depth: 1.63 inches (4.1 cm)
- Weight: 12.4 ounces (352 grams)

Sensors

- Photoelectric smoke sensor
- Carbon monoxide sensor
- Heat sensor
- Three activity sensors
- Ambient light sensor
- Humidity sensor

Speaker and horn

- Speaker: 80dB @ 3ft (1 meter) @ 1kHz
- Horn: 85 dB SPL at 10ft (3 meters)

Wireless

- Working Wi-Fi connection: 802.11 - 2.4 GHz
- Wireless Interconnect: 802.15.4 - 2.4 GHz

System requirements

- Wi-Fi connection
- Smartphone or tablet with iOS 5 or later, or Android 2.2+ or later
- Free Nest Account
- [Learn more >](#)

Environmental information

Green

- Mercury-free
- PVC free
- Recyclable packaging

Operating

- This alarm should not be installed in locations where the normal ambient temperature is below 4°C (40°F) or exceeds 38°C (100°F).
- Humidity Range: 20%RH to 80%RH (non condensing).

Languages

- Languages available out-of-the-box: English, Spanish

Warranty

- 2-year limited hardware warranty (see details inside)

Certification

Pending

In the box

- Nest Protect (Battery)
- Six long-life batteries
- Backplate
- Four screws
- User's Guide and Welcome Guide
- 2-year limited hardware warranty
- Nest Protect (Wired 120V)
- Three long-life backup batteries
- Backplate
- Four screws
- User's Guide and Welcome Guide
- 2-year limited hardware warranty
- AC 120V connector
- Three wire nuts

Replacement batteries (Energizer® Ultimate Lithium "L91" AA) available for purchase at your local retailer
[Tech specs](#)



It's almost here.

You can pre-order Nest Protect now or get an email as soon as it's available for purchase.

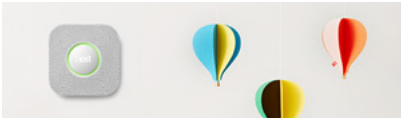
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Coming soon.

You can [pre-order](#) now and be one of the first to get Nest Protect. Or sign up for Nest news and we'll let you know as soon as it's available for purchase.

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Thank you.

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Available soon at:



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