How to install your Nest Protect

You can easily install your Nest Protect in just a few minutes. Follow the steps in this article to learn how.

To set up and install your Nest Protect, you will need:

- A Wi-Fi connection
- Your Wi-Fi password
- A phone or tablet (iOS or Android)
- A Phillips screwdriver

Before you begin, make sure you're aware of local regulations. Specific requirements for smoke alarm installation vary between states and regions. Check with your local safety agency or Fire Department for current requirements in your area.
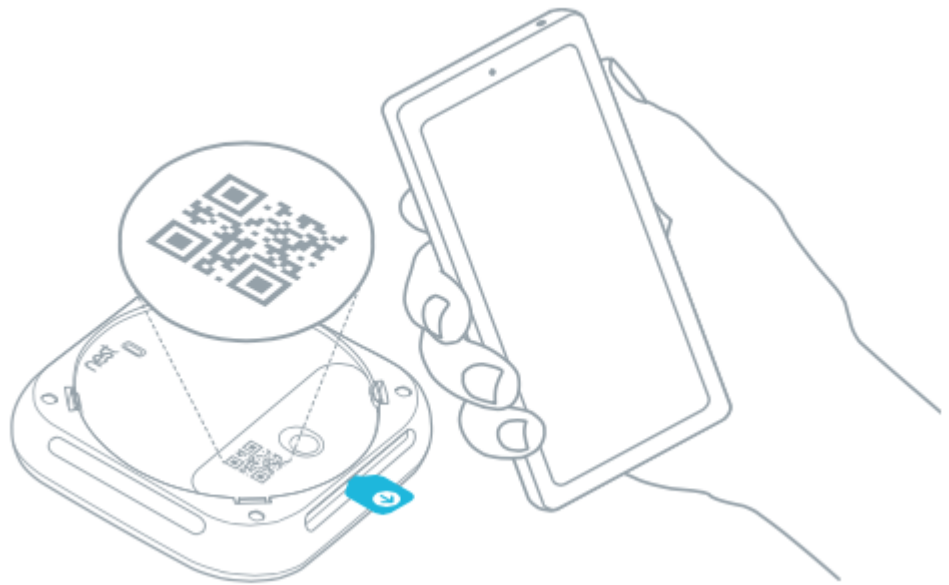
1. Get the Nest app	Before you install your Nest Protect on the ceiling or wall, set it up with the Nest app. Download the app and sign in or create a free account. You can use a phone or tablet for setup.

Important: If you already have the Nest app installed on your smartphone or tablet, make sure it's the latest version before setting up your Nest Protect.
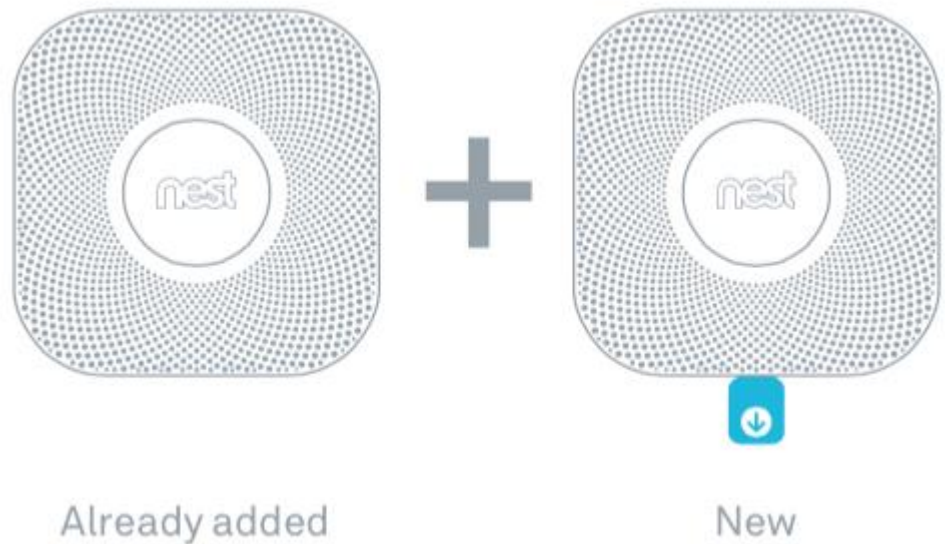
2. Add your Protect to the app

The Nest app will guide you through each step: scanning the Nest Protect QR code, connecting it to the Internet, and connecting it to other Nest Protects in your home.

Tip: Lay everything out on a table for easy setup.

Write down the Entry Key for each Protect you're installing and keep this number in a safe place. The entry key is 6 digits long, located on the back next to the QR code. This can save you some time in the future if you ever remove your Protect from the app and need to add it back.

3. Have more Nest Protects?

Already added   **New**

The Nest app will ask you if you have additional Nest Protects to set up. If so, it'll take you through a faster setup. Be sure to keep all your Nest Protects together until they're all set up and ready to be installed.

Tip: Your Nest Protect came packed in a clear plastic dust cover. Keep the cover on so your Nest Protect stays clean until you install it.
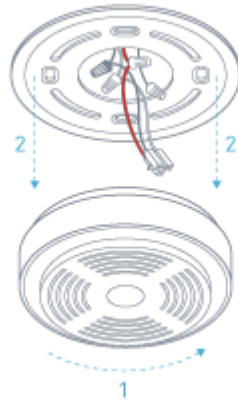
4. Turn off power

Breaker box

Protect yourself and avoid blowing a fuse. Switch off the correct circuit breaker for the room where you are installing Nest Protect or remove the fuse from the fuse box.

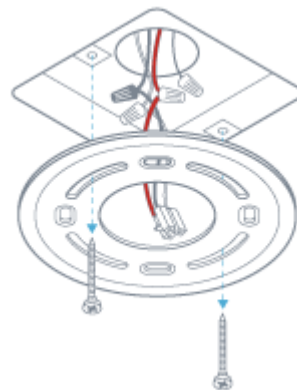**Warning:** Failure to turn off power may result in serious electrical shock, injury, or death.

5. Remove your old smoke alarm

Note: If you don't have an old smoke alarm, skip to step 9.
To prevent electrical shock, make sure the green power light is off on the alarm. You may have to twist the alarm to release it. Carefully remove it to keep from damaging your ceiling or wall.

Tip: Your old smoke alarm might make a loud noise when you disconnect it.

6. Remove the old backplate

Unscrew the backplate from the electrical box. Save the screws to install the Nest Protect backplate later.
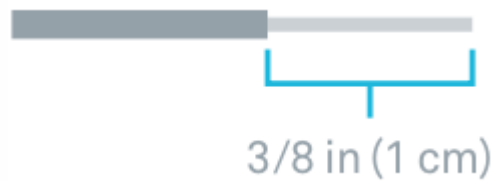
Tip: All smoke alarms prefer to live in a dust free area, so remove any dust before you install Nest Protect.
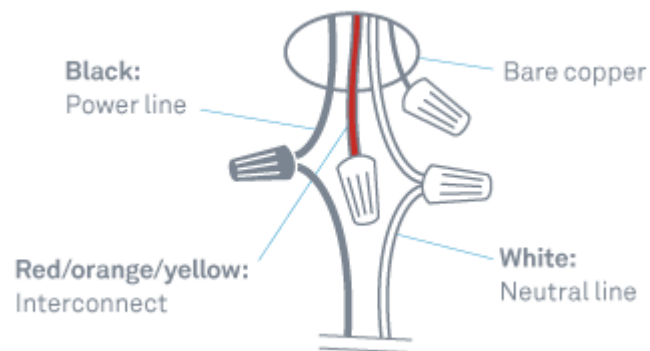
7. Remove the old connector

Twist the wire connectors counterclockwise to unscrew them and detach the 120V connector from your old smoke alarm.
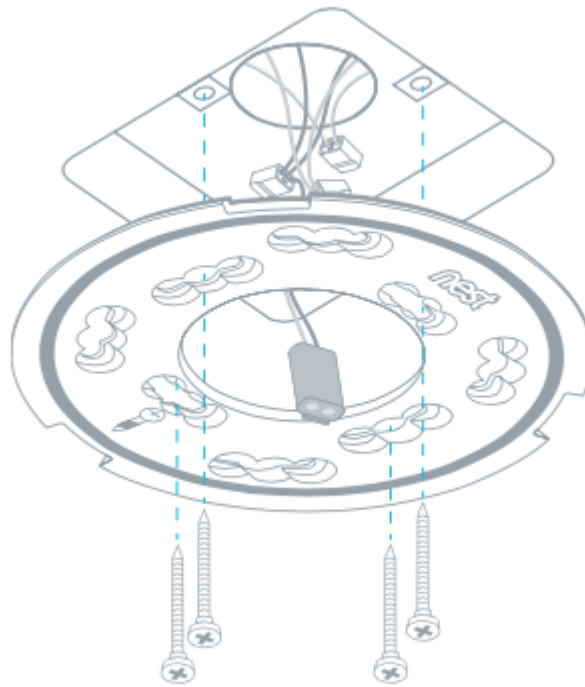
The exposed wire should be straight.

3/8 in (1 cm)

8. Attach the Nest connector

Black: Power line

Bare copper

Red/orange/yellow: Interconnect

White: Neutral line

Hold the white wire ends together, cap them with a wire connector and twist clockwise until it's secure. Do the same with the black wires. If there are any extra wires, you won't need them. Cap them with wire connectors.
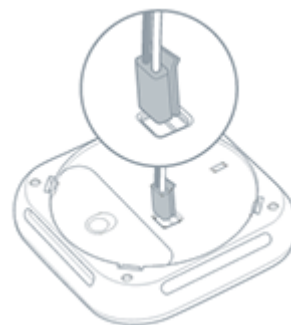
9. Install the Nest Protect backplate

Screw the Nest backplate to the existing electrical box, reusing the existing screws. You can also screw the backplate directly into the wall or ceiling with the Nest screws.
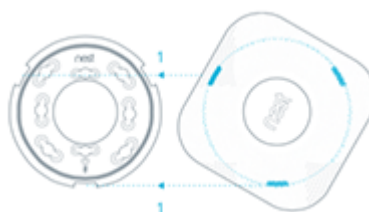
Important: The backplate's Nest logo must face away from the ceiling and towards you, or you won't be able to attach your Nest Protect to it.

10. Connect power

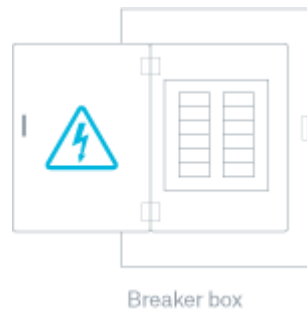Plug the 120V connector into the back of your Nest Protect.

11. Install your Nest Protect

Tuck any excess wiring into the electrical box first. Hold Nest Protect against the backplate and turn it clockwise. You'll feel the tabs drop into place and grip the backplate. Continue turning until it's square with the wall or ceiling. Install the rest of your Nest Protects if you have more.

Tip: To remove your Nest Protect (for cleaning or battery replacement), turn off power to your Nest Protect at the breaker box or remove the fuse first. Then turn counterclockwise until it disconnects from the backplate.

12. Switch power back on or replace the fuse

Breaker box

13. Press to test

After you've installed all of your Nest Protects, press the button on one Nest Protect. It will tell you what to do next.

During the test, every Nest Protect in the house should speak up, confirming that they're connected to each other.

Important note: If one of your Nest Protects doesn't speak up or sound its alarm during the test, try moving it closer to your other Nest Protects and testing again. It should be located within 50 feet of another Nest Protect, but its range may be affected by your home's construction or interference from other wireless electronics.