



Nest Doorbell (wired, 3rd gen)

Nest Pro Tech Specs
October 2025

App

- Requires the Google Home app and a Google Account – not compatible with the Nest app or the home.nest.com site.

Voice assistant

- **Compatibility:** Works with Gemini for Home voice assistant¹ and Google Assistant, and compatible with Alexa.

Dimensions and weight

- **Height:** 5.2 in (131 mm)
- **Length:** 1.7 in (42 mm)
- **Width:** 1.1 in (28 mm)
- **Weight:** 4.9 oz (140 g)

Camera

- **Sensor:** 2K (2048 x 2048)
- **Low-light performance:** f/1.6 aperture
- **Field of view:** 166° diagonal field of view
- **Zoom:** 6x digital zoom
- **Aspect ratio:** 1:1

Video

- **Resolution:** Up to 2K at 30 FPS, HDR²
- **Live view:** 24/7 live view in 2K HDR
- **Night vision:** Night vision with HDR
- **Video encoding:** H.264 and H.265 encoding

Video history³

- **Video history (included):** Includes up to 6 hours of event video previews. Captures and stores video clips up to 10 seconds of activity within the past 6 hours.
- Captures and stores up to 30 days of event video history with the Standard plan as part of a Google Home Premium subscription (sold separately), or up to 60 days with a Google Home Premium Advanced plan (sold separately).
- **Continuous video recording requirements:** Continuous video recording (up to 10 days of 24/7 video history) requires the Advanced plan of Google Home Premium (sold separately).
- **Local storage fallback:** Records up to one hour of events if Wi-Fi goes down, and up to 2 weeks of events offline backup (based on number of events).

Audio

- **Microphone:** High-quality speaker and microphone
- **Audio:** Full-duplex 2-way audio with noise cancellation

Night vision

- **Coverage:** Up to 10 ft (3 m) illumination
- **LED:** Six 850 nm infrared LEDs with IR cut filter

Wireless

- **Wi-Fi:** 802.11ac-ready (2.4 GHz / 5 GHz)
- **Encryption:** WEP, WPA, WPA2, WPA3 encryption supported
- **Bluetooth:** Bluetooth® Low Energy (BLE)

Security

- On-device machine learning
- Secure boot
- 128-bit AES encryption with TLS/SSL
- Legally required software and security updates will be provided. See [here](#) or visit support.google.com/product-documentation/answer/10231940 for more.

Power

- Must be connected to a 16–24VAC, 10–40VA, 50/60Hz doorbell transformer.
- For houses that don't have existing doorbell wires or the right transformer, install the Indoor Power Adapter or purchase the Nest Doorbell (battery). Learn more [here](#) or at support.google.com/googlenest/answer/9259110?hl=en&ref_topic=9360528&sjid=517504421736620492-NC#zippy=%2Cnest-doorbell-battery

Chime and compatibility

- Compatible with chimes rated to work with a 16–24VAC, 10–40VA, 50/60 Hz doorbell transformer. You may need to replace a customer's current hardware. When connected to a wired doorbell chime, the Nest Doorbell (wired) must be used with the chime connector included in the box.
- Hardware is backwards compatible with 2nd gen mounting hardware (includes bracket, wedge, and applicable accessories).
- Wired doorbell chimes are not supported when the Nest Doorbell (wired) is powered by the optional Indoor Power Adapter.
- Compatible with Alexa: Users can also get a notification on their phone, their Google Assistant-enabled speakers and displays, and on speakers and displays compatible

with Alexa.

- The Nest Doorbell (wired) is not compatible with battery-powered wireless doorbell chimes.

Chime test

- May be conducted once doorbell is installed. No Wi-Fi is required.

Operating temperature

- -4°F to 104°F (-20°C to 40°C)

Weather resistance

- **Weather resistance:** IP65 water and dust resistance⁴
- **Humidity resistance:** Relative humidity range: 20% to 85%

Lights

- **Light ring:** White LED status light ring
- **Lights:** RGB LED status light

Colors

- Snow
- Hazel
- Linen

Sustainability

- **Recycled materials percentage:** Made with at least 45% recycled materials⁵
- **Plastic-free packaging:** 100% plastic-free packaging⁶

Languages

- **Languages:** English, French, Spanish

Safety information

- **Safety information:** See regulatory & safety documentation [here](#) or visit support.google.com/googlenest/?p=nestdoorbell3_wired_safety_reg for more.

Warranty

- **Nest Pro warranty:** 3-year limited warranty with professional installation
- **Retail warranty:** 1-year limited warranty

What's in the box

Nest Doorbell (wired):

- **Nest Doorbell** (wired)
- **Plate:** Base plate
- **Wedge:** 20° wedge
- **Chime connector**
- **Wire connector**
- **Hex key**
- **Wall screws:** 2 wall screws
- **Wall anchors:** 2 wall anchors
- **Spacers:** 2 spacers
- **Extra security screw**
- **Window decal**
- **Quick start guide**
- **Safety and warranty**

Requirements

- **Nest power:** Existing doorbell wiring (16–24VAC, 10–40VA, 50/60 Hz transformer).
- **Doorbell chime:** Existing compatible wired chime, or new compatible chime/Google Nest products (sold separately). You may need a new doorbell transformer and chime (both sold separately) to replace the ones in the home. Check compatibility at g.co/nest/works.
- **Nest Doorbell:** Nest Doorbell requires a working Wi-Fi network, a compatible mobile device, the Google Home app, and a Google Account. 3.3mbps upload bandwidth recommended per camera. Minimum requirements are available [here](https://g.co/nest/requirements), or see g.co/nest/requirements for more.
- **Nest Doorbell features:** Availability and performance of certain features and services are service-, device-, and network-dependent and may not be available in all areas. All features, functionality, and other product specifications are subject to change without notice or obligation.
- Google Home Premium subscription (sold separately) required for certain features, including Gemini for Home and some AI experiences. Additional terms, conditions, and charges may apply.

Footnotes

1 Requires Google Home Premium subscription (sold separately), Google Home app, Wi-Fi, and internet connection. Features subject to change; available in select countries and languages.

Gemini features work independently of Gemini apps. Check responses for accuracy; results may vary.

2 Availability of 2K resolution is dependent on Wi-Fi and network strength, and requires connectivity speed of at least 3.3Mbps.

3 Some features, including mobile and browser notifications, remote control, video recording, video streaming and video history, require the Google Home app and working internet and Wi-Fi.

4 Nest Doorbell is designed to comply with protection rating IP65 under IEC standard 60529 when the device leaves the factory, offering resistance against water and dust but is not waterproof. Water and dust resistance are not permanent conditions and decrease or are lost over time due to normal wear and tear, device repair, disassembly, or damage.

5 Based on product weight.

6 Based on retail packaging (excluding adhesive materials and required plastic stickers) as shipped by Google. To meet the request of some retail partners, stickers and/or security tags are applied to some packaging variations and may contain plastic.

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