



Nest Cam Outdoor (wired, 2nd gen)

Nest Pro Tech Specs
September 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.

Camera

- **Sensor:** 2K (2560 x 1440)
- **Low-light performance:** f/1.6 aperture
- **Field of view:** 152° diagonal field of view
- **Zoom:** 6x digital zoom
- **Aspect ratio:** 16:9

Video

- **Resolution:** Up to 2K at 30 FPS, HDR²
- **Live view:** 24/7 live view in 2K
- **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, or up to 60 days with a Google Home Premium Advanced plan (subscriptions 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 in offline backup (based on number of events).

Audio

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

Night vision

- **Coverage:** Up to 20 ft (6.1 m) illumination
- **LED:** 2 high-power 850 nm infrared LEDs

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
- Automatic security updates
- 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.

Ports & connectors

- **Connector:** Nest Cam Outdoor uses a 4-pin connector

Power

- **Adapter:** 12V, 0.75A
- **Retail SKU:** Includes 18 ft (5.5 m) outdoor-rated power cable
- **Pro SKU:** Includes 4 ft (1.2 m) captive cable to 2 wires;
 - 7.5V DC (18 wg) for up to 140 ft (Jasco 7.5V adapter recommended, sold separately)
 - 12V DC (18 aw) for up to 170 ft (no recommended transformer)
 - **Input requirement:**
 - Input voltage range: 90~264 VAC
 - Input voltage rating: 100-200 VAC
 - Input frequency range: 47~63 Hz
 - Input Frequency rating: 50/60 Hz
 - **Output requirement:**
 - Output power: >9W
 - Output voltage: Nominal: 7.5VDC~12VDC
 - Minimum/Maximum: +/- 6% of nominal voltage from 0A to full load
 - Output voltage overshoot and undershoot: +/- 10% of nominal voltage
 - Over voltage protection (OVP): Maximum output voltage <17v

- **System requirement:** Operating temperature 0c to 40c

Mounting options

- Mounts to wall with 2 screws, and 6 screws for cable clips
- **Three options for routing wire:** Down out of camera, up through wall plate, or through plate's center opening

Operating temperature

- -4°F to 104°F (-20°C to 40°C)

Weather resistance

- IP65 water and dust resistance

Lights

- RGB status LED

Colors

- Snow (Pro SKU only available in Snow)
- Hazel (US Only)

Dimensions and weight

Camera:

- **Height:** 2.7 in (68.3 mm)
- **Width:** 3.0 in (76.8 mm)
- **Length:** 3.0 in (76.8 mm)
- **Weight:** 9.3 oz (265 g)

Magnetic mount:

- **Diameter:** 1.9 in (4.8 cm)
- **Height:** 1.3 in (3.2 cm)

Weight:

- **Wall mount:** 2.6 oz (74 g)
- **Wall plate:** 0.2 oz (6.5 g)
- **Mount + plate:** 2.8 oz (80.5 g)

Sustainability

- **Recycled materials percentage:** Made with at least 26% recycled materials⁴
- **Plastic-free packaging:** 100% plastic-free packaging⁵

Languages

- **Languages:** English, Danish, Dutch, Finnish, French, German, Italian, Japanese, Norwegian, Spanish, Swedish

Safety information

- Regulatory & safety documentation available [here](#) or visit support.google.com/googlenest/?p=nestcam2_outdoor_safety_reg for more.

Warranty

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

Weatherproof cable

- **Power cable dimensions:** Length: 18 ft (5.5 m)
- **Power cable connectors:** Nest Cam 4-pin connector
- **Power cable color:** Snow
- **Power cable weather resistance:** Weather-resistant (IP65)⁶

What's in the box

Nest Cam:

- **Camera:** Nest Cam Outdoor camera
- **Magnetic plate:** Magnetic mount
- **Wall plate**
- **Wall anchors:** 8 wall anchors
- **Wall screws:** 8 wall screws
- **Cable clips:** 6 cable clips (retail SKU only)
- **Power adapter:** Weather-resistant power adapter with 18 ft (5.5 m) cable (retail SKU only)
- **Quick start guide**
- **Safety and warranty**

Requirements

Nest Cam:

- **Nest Cam camera:** Nest Cam Outdoor 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 Cam 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 Based on product weight (includes in-box accessories).

5 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.

6 Nest Cam Outdoor 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.

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