



Nest Doorbell
Technical Specifications
Copy Guide
August 2020 (updated [July 2021](#))

Date	What is being updated?
21 Dec 2020	1. Color copy updated in blue .
1/11/2021	<ol style="list-style-type: none"> 1. Added Packaging Spec to “Dimensions” section 2. Clarified “Lights” section 3. Enhanced “Power” section
2/9/2021	<ol style="list-style-type: none"> 1. Added clarity on Video History (EBR vs CVR) 2. Added clarity on Chimes (how many, Battery vs Wired)
24 Feb 2021	1. Power some copy removed and copy added in blue .
26 Feb 2021	1. Field of View updated in blue .
6 Mar 2021	<ol style="list-style-type: none"> 1. Title page copy updated in blue. 2. Camera copy updated in blue. 6x 3. Video copy updated in blue. 960x1280 4. Sensors copy updated in blue. Magnetometer 5. Night vision copy updated in blue. 4 850 6. Wireless copy added in blue. 7. Security copy added in blue. 8. Power copy updated in blue. Li-ion. Power: 10VA. Frequency: 50/60Hz 9. Battery copy updated in blue. 5.25 hours 10. Chime and compatibility copy updated in blue. 24VAC. 50/60Hz 11. Dimensions and weight copy updated in blue. Weight: 7.3 oz (206 g) 12. Green copy updated in blue. 46% 13. Requirements Generic US copy added in blue. 50/60Hz
19 Mar 2021	1. Weather resistance copy updated in blue .
12 May 2021	<ul style="list-style-type: none"> ● Bluetooth Low Energy (BLE) added to Wireless ● Updated Green claim + disclaimer
15 Jun 2021	5GHz supported for US and MX. Turned off for the rest of the countries
2 Jul 2021	Remove “Battery” section along with claim and charge time Remove “1/3-inch,” from camera section
9 Jul 2021	Add “built-in” to Requirements under battery Doorbell power: Rechargeable <u>built-in</u> battery (included), or existing doorbell wires (8–24 VAC, 10 VA, 50/60Hz transformer).
20 Jul 2021	In Dims (to align with RQ), replace Existing “Length” label with “Width” label (Width = 1.8 in) Existing “Width” label with “Depth” label (Depth = 0.95 in) Battery :Delete: “Charging and battery life claim to be substantiated by July April 2021” Delete: “Battery” Replace: “April” with “July” Chime and Compatibility: remove the word existing Night vision: change 4 to Four 850 m
21 Jul 2021	Requirements Generic

	<ul style="list-style-type: none"> • Doorbell power: Rechargeable built-in battery, or doorbell wires (8–24 VAC, 10 VA, 50/60Hz transformer). • Doorbell chime: Compatible wired mechanical or digital chime, or new compatible chime/Google Nest speaker or display (sold separately).
11 Aug 2021	<ol style="list-style-type: none"> 1. Requirements section - Works with copy updated. Copy remove - “Google Chromecast, or Chromecast built-in device”

Nest Doorbell Tech Specs

Spec Category	Nest Doorbell
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Camera	<ul style="list-style-type: none"> ● 1.3-megapixel color sensor ● 6x digital zoom ● 3:4 aspect ratio
Video	<ul style="list-style-type: none"> ● HD, 960 x 1280 pixels, up to 30 FPS ● 24/7 live view ● Night vision ● HDR ● H.264 encoding
Video history	<p>The Nest Doorbell (battery) includes 3-hour event video history. You can upgrade to 30 days of event video history with a Nest Aware subscription, or 60 days of event video history with Nest Aware Plus. However, whether you choose battery or wired installation, the Nest Doorbell (battery) cannot continuously record 24/7 video history. Google Nest offers other cameras and wired doorbells that can record 24/7 video history with a Nest Aware Plus subscription.</p>
Audio	<ul style="list-style-type: none"> ● High-quality speaker and microphone ● Two-way audio with noise cancellation
Field of view	<ul style="list-style-type: none"> ● 145° diagonal
Lights	<ul style="list-style-type: none"> ● White LED status light ring ● RGB LED status light
Sensors	<ul style="list-style-type: none"> ● PIR (motion and proximity sensor) ● Magnetometer
Night vision	<ul style="list-style-type: none"> ● See up to 10 feet ● Four 850 nm infrared LEDs with IR cut filter
Wireless	<ul style="list-style-type: none"> ● 802.11a/b/g/n (2.4 GHz and 5 GHz) Wi-Fi ● WEP, WPA, WPA2, WPA3 encryption supported ● Bluetooth Low Energy (BLE)
Security	<ul style="list-style-type: none"> ● On-device machine learning ● Secure boot ● Automatic security updates ● TLS/SSL with 128-bit AES
Power	<ul style="list-style-type: none"> ● Built-in rechargeable Li-Ion battery, 6 Ah, 3.65V ● Or use existing wiring for chime and recharging <ul style="list-style-type: none"> ○ Voltage: 8–24VAC ○ Power: 10VA ○ Frequency: 50/60Hz ●
Chime & compatibility	<ul style="list-style-type: none"> ● Battery installation <p>If you choose battery installation for your Nest Doorbell (battery), you can get a notification on your phone and on your Google Assistant-enabled speakers and displays when someone presses the button. Your existing wired doorbell</p>

	<p>chime will not ring.</p> <ul style="list-style-type: none"> ● Wired installation If you choose the optional wired installation for your Nest Doorbell (battery) by connecting it to your existing doorbell wires (8 to 24VAC, 10 VA, 50/60Hz transformer), your wired doorbell chime can ring when someone presses the button. You can also get a notification on your phone and on your Google Assistant-enabled speakers and displays.
Operating temperature	<ul style="list-style-type: none"> ● -4°F to 104°F (-20°C to 40°C)
Weather resistance	<ul style="list-style-type: none"> ● IP54 weather resistant ● Relative humidity range: 20% to 85%
Color	<ul style="list-style-type: none"> ● [US online] Snow, Linen, Ivy, Ash ● [US retail] Snow, Ash ● [ROW] Snow
Dimensions and weight	<ul style="list-style-type: none"> ● Width: 1.8 in (45.7 mm) ● Depth: 0.95 in (24.1 mm) ● Height: 6.3 in (160 mm) ● Weight: 7.3 oz (206 g)
Green	<ul style="list-style-type: none"> ● The Nest Doorbell (battery) is sustainably designed with 45% recycled content across its plastic parts.¹ <p>¹This does not include plastics in printed circuit boards, labels, cables, connectors, electronic components and modules, optical components, electrostatic discharge (ESD) components, electromagnetic interference (EMI) components, films, coatings, and adhesives.</p>
Languages	<ul style="list-style-type: none"> ● English, Danish, Dutch, Finnish, French, German, Italian, Japanese, Norwegian, Spanish, Swedish
Warranty	<ul style="list-style-type: none"> ● [US/CA/MX/AU/JP] 1-year limited warranty ● [EU/UK/CH] 2-year limited warranty ● [Pro] 3-year limited warranty

What's in the box Generic US

Nest Doorbell
(single)

- 1 Nest Doorbell
- 1 base plate
- Release tool
- 2 wall anchors
- 2 wall screws
- Wire connector
- 20° wedge
- 2 spacers
- 2 wedge screws
- 1 charge cable (3 feet)
- Quick start guide
- Safety & warranty document

Requirements Generic US

- Doorbell power: Rechargeable built-in battery, or doorbell wires (8–24 VAC, 10 VA, 50/60Hz transformer).
- Doorbell chime: Compatible wired mechanical or digital chime, or new compatible chime/Google Nest speaker or display (sold separately).
- The Nest Doorbell requires a Wi-Fi network, a working broadband internet connection with at least 2 Mbps upload speed (DSL may not qualify), a compatible mobile device, the free Google Home app, and a Google Account.
- Works with Hey Google features require additional hardware (sold separately), which could include a Google Nest device.
- Minimum requirements are available at g.co/nest/requirements.
- Video streaming, phone alerts, and history may be subject to interruptions or failures for reasons beyond Google's control, like intermittent Wi-Fi or service provider outages.
- The Nest Doorbell does not provide third-party monitored emergency notification or response.
- Availability and performance of certain features and services are service-, device-, and network-dependent and may not be available in all areas.
- Subscription(s) may be required, and terms, conditions, and/or charges may apply.

- All features, functionality, and other product specifications are subject to change without notice or obligation.
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