



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

# Nest Doorbell Tech Specs: [Brief](#)

Spec Category	Nest Doorbell
Camera	<ul style="list-style-type: none"> <li>● 1.3-megapixel color sensor</li> <li>● 6x digital zoom</li> <li>● 3:4 aspect ratio</li> </ul>
Video	<ul style="list-style-type: none"> <li>● HD, 960 x 1280 pixels, up to 30 FPS</li> <li>● 24/7 live view</li> <li>● Night vision</li> <li>● HDR</li> <li>● H.264 encoding</li> </ul>
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"> <li>● High-quality speaker and microphone</li> <li>● Two-way audio with noise cancellation</li> </ul>
Field of view	<ul style="list-style-type: none"> <li>● 145° diagonal</li> </ul>
Lights	<ul style="list-style-type: none"> <li>● White LED status light ring</li> <li>● RGB LED status light</li> </ul>
Sensors	<ul style="list-style-type: none"> <li>● PIR (motion and proximity sensor)</li> <li>● Magnetometer</li> </ul>
Night vision	<ul style="list-style-type: none"> <li>● See up to 10 feet</li> <li>● Four 850 nm infrared LEDs with IR cut filter</li> </ul>
Wireless	<ul style="list-style-type: none"> <li>● 802.11a/b/g/n (2.4 GHz and 5 GHz) Wi-Fi</li> <li>● WEP, WPA, WPA2, WPA3 encryption supported</li> <li>● Bluetooth Low Energy (BLE)</li> </ul>
Security	<ul style="list-style-type: none"> <li>● On-device machine learning</li> <li>● Secure boot</li> <li>● Automatic security updates</li> <li>● TLS/SSL with 128-bit AES</li> </ul>
Power	<ul style="list-style-type: none"> <li>● Built-in rechargeable Li-Ion battery, 6 Ah, 3.65V</li> <li>● Or use existing wiring for chime and recharging               <ul style="list-style-type: none"> <li>○ Voltage: 8–24VAC</li> <li>○ Power: 10VA</li> <li>○ Frequency: 50/60Hz</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>●</li> </ul>
<b>Chime &amp; compatibility</b>	<ul style="list-style-type: none"> <li>● <b>Battery installation</b> 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 chime will not ring.</li> <li>● <b>Wired installation</b> 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.</li> </ul>
<b>Operating temperature</b>	<ul style="list-style-type: none"> <li>● –4°F to 104°F (–20°C to 40°C)</li> </ul>
<b>Weather resistance</b>	<ul style="list-style-type: none"> <li>● IP54 weather resistant</li> <li>● Relative humidity range: 20% to 85%</li> </ul>
<b>Color</b>	<ul style="list-style-type: none"> <li>● [US online] Snow, Linen, Ivy, Ash</li> <li>● [US retail] Snow, Ash</li> <li>● [ROW] Snow</li> </ul>
<b>Dimensions and weight</b>	<ul style="list-style-type: none"> <li>● <b>Width:</b> 1.8 in (45.7 mm)</li> <li>● <b>Depth:</b> 0.95 in (24.1 mm)</li> <li>● <b>Height:</b> 6.3 in (160 mm)</li> <li>● <b>Weight:</b> 7.3 oz (206 g)</li> </ul>
<b>Green</b>	<ul style="list-style-type: none"> <li>● The Nest Doorbell (battery) is sustainably designed with 45% recycled content across its plastic parts.<sup>1</sup></li> </ul> <p><sup>1</sup>This 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>
<b>Languages</b>	<ul style="list-style-type: none"> <li>● English, Danish, Dutch, Finnish, French, German, Italian, Japanese, Norwegian, Spanish, Swedish</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>● [US/CA/MX/AU/JP] 1-year limited warranty</li> <li>● [EU/UK/CH] 2-year limited warranty</li> <li>● [Pro] 3-year limited warranty</li> </ul>

## 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, Google Chromecast, or Chromecast built-in device.
- Minimum requirements are available at [g.co/nest/requirements](https://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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