



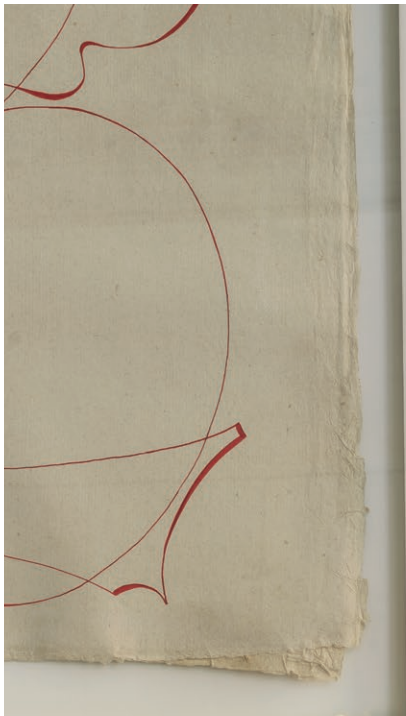
nest

Welcome to the
thoughtful home.



Your home keeps you safe.
Warm. Comfortable.
But what if it could do more?
What if it knew you?
And what you liked?
Imagine if it could help you.
If it could take care of
things for you.
Turn down the heat.
Tell you if there's trouble.
This is the kind of home
we're creating.

The thoughtful home.



Nest Learning Thermostat Programs itself. Then pays for itself.

Nest learns the temperature you like when you're home. And turns itself down when you're away. It controls half your energy bill - more than appliances, more than electronics.



Auto Schedule.

Just turn it up and down. It learns the temperatures you like and programs itself.



Auto-Away.

It automatically adjusts the temperature after you leave. So you don't heat or cool an empty home.



Remote control.

Change the temperature from anywhere using your smartphone, tablet or laptop.



Energy History.

Know more, save more. Check your Energy History on your phone to see how much energy you use and why.



Hello, Leaf.

Know you're saving energy. Look for the Nest Leaf when you change the temperature.



Early-On.

Nest learns how your home warms up and keeps an eye on the weather to get you the temperature you want when you want it.

In independent studies, the Nest Thermostat saved about 10-12% on heating bills and 15% on cooling bills. We've estimated average savings of \$131 to \$145 a year.



Nest Protect

The smoke and CO alarm that thinks, speaks, and alerts your phone.

There's never been a smoke and carbon monoxide alarm quite like this. Nest Protect looks for fast-burning fires, smoldering fires, and carbon monoxide. It also speaks up when there's a problem and can even message your phone in case you're not home.



Get alerts on your phone.

Nest Protect can send you a message when there's a problem or the batteries run low.



Every second counts.

The Split-Spectrum Sensor looks for both fast and slow burning fires.



Tells you what and where.

Nest Protect speaks up if there's smoke or CO and tells you where it is, so you know what to do.



Hush from the Nest app.

Just burned the toast? App Silence lets you quiet the alarm right from your phone.



Sees the CO you can't.

Carbon monoxide is an invisible, poisonous gas. Nest Protect tells you where it's hiding.



Up to 10-year life span.

Nest Protect's long-lasting CO sensor keeps you safe and sound for up to a decade.

Nest Cam

See your home on your phone.
Get alerts that matter.

Nest Cam helps you keep an eye on what matters to you. It looks for motion and listens for sound. And if something's up, it sends an alert to your phone.





See every detail.

Securely stream 1080p HD video to your phone, tablet or laptop.



Get alerts on your phone.

Nest Cam tells you if there's motion or sound in your home while you're gone.



No light? No problem.

Keep an eye on things around the clock. With Night Vision, you can see in the dark.



Talk and listen.

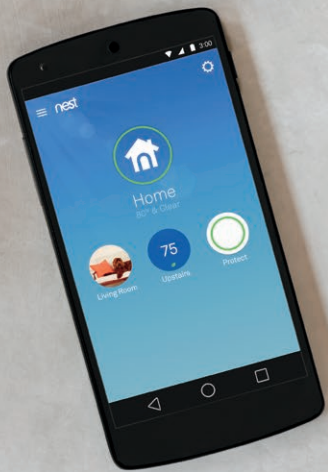
Hear when the baby wakes up. Or tell your dog to get off the couch.



Find out what you missed.

Continuously record up to 30 days of video in the cloud with a Nest Aware subscription.







Always connected.

The free Nest app lets you access your Nest products from anywhere using your phone or tablet.

Nest Learning Thermostat

- Adjust the temperature or your schedule.
- Find out how much energy you use in Energy History.

Nest Protect smoke and carbon monoxide alarm

- Get an alert if something's wrong or the batteries run low.
- See the battery and sensor status of all your Nest Protects.

Nest Cam

- Receive an alert when something happens at home.
- Watch the action live from your phone or tablet.

Better together.

When you add more Nest products to your home, they automatically work together. They also work with other things around the house, like lights, appliances and cars. Go to nest.com/wwn to see what works with Nest.



Nest Learning Thermostat



Features

- Auto-Schedule
- Auto-Away
- Energy History
- Home Report
- Nest Leaf
- Nest app
- Farsight
- Airwave
- System Match: Early-On, Heat Pump Balance, True Radiant
- Time-to-Temperature
- Weather-aware
- Advanced Fan Control
- Sunblock
- Cool to Dry
- Thermostat Lock
- Software updates over Wi-Fi
- Safety Temperature Notification
- Furnace Head-Up
- Filter Alert
- System Test
- Stainless steel ring
- High definition color screen

Specs

Display

- 24-bit color LCD
- 480x 480 pixel display
- 2.08 in (5.3 cm) diameter

Sensors

- Temperature
- Humidity
- Near-field activity
- Far-field activity
- Ambient light

Size and Weight

- Display
 - Mass: 7.25 oz (205.4 g)
 - Diameter: 3.3 in (8.4 cm)
 - Height: 1.06 in (2.69 cm)
- Base
 - Mass: 1.35 oz (38.3 g)
 - Diameter: 3 in (7.6 cm)
 - Height: 0.42 in (1.1 cm)
- Assembled
 - Mass: 8.6 oz (243.7 g)
 - Diameter: 3.3 in (8.4 cm)
 - Height: 1.21 in (3.08 cm)

Connectivity requirements

- Wi-Fi connection with Internet access
- Phone or tablet with iOS 8 or later, or Android 4 or later
- Free Nest account

Languages

- English
- French
- Spanish
- Dutch

Wireless

- Working Wi-Fi connection: 802.11 b/g/n @ 2.4GHz
- Wireless interconnect: 802.15.4b/g/n @ 2.4GHz
- Bluetooth Low Energy (BLE)

Battery

- Built-in rechargeable lithium-ion battery

Power consumption

- Less than 1kWh/month

Warranty

- 2-year limited warranty. For help, visit nest.com/support. Our support team is also available by phone 24/7.

In the box

- Display
- Base
- Optional trim kit
- Mounting screws and labels
- Nest screwdriver
- Installation Guide
- Welcome Guide
- Nest Pro installation card

Compatibility

- The Nest Learning Thermostat works with 95% of 24V heating and cooling systems, including gas, electric, forced air, heat pump, radiant, oil, hot water, solar and geothermal.
- Heating: 1, 2 and 3 stages (W1, W2, W3)
- Cooling: 1 and 2 stages (Y1, Y2)
- Heat pump: with auxiliary and emergency heat (O/B, AUX, E)
- Humidifier or dehumidifier (HUM, DEHUM)
- Fan (G)
- Power (C, RH, RC)

Nest Protect



Features

- Phone alerts include:
 - Low-battery
 - Smoke & Carbon monoxide
 - Sensor failure
- Split-Spectrum Sensor
- Voice alarms with custom location
- Nest app
- App Silence
- Detects carbon monoxide
- 10-year product lifetime
- Safety Checkup
- Heads-Up alerts
- Sound Check
- Self Test
- Nightly Promise
- Pathlight
- Steam Check
- Wireless Interconnect
- Safety History
- What To Do
- Home Report
- Emergency Shutoff with Nest Learning Thermostat
- Emergency clip record with Nest Cam

Specs

Sensors

- Split-Spectrum Sensor
- 10 year electrochemical carbon monoxide sensor
- Heat sensor, $\pm 1.8^{\circ}\text{F}$ ($\pm 1^{\circ}\text{C}$)
- Humidity sensor, $\pm 3\% \text{RH}$
- Occupancy sensor, 120° field of view to 20 feet
- Ambient light sensor
- Omnidirectional microphone, 70dBa SNR

Size and Weight

- Height: 5.3 in (13.5 cm)
- Width: 5.3 in (13.5 cm)
- Depth: 1.5 in (3.85 cm)
- Mass: **Nest Protect Battery** 13.9 oz (379 g)
- Nest Protect Wired** 13.2 oz (375 g)

Speaker loudness

- 80dB @ 3 feet (1 m) @ 1kHz

Horn

- 85dB SPL @ 10 feet (3 m)

Light ring

- RGB color ring with 6 LEDs

Languages

- Out of the box
 - US: English, Spanish
 - Canada: English, French
- Downloadable
 - English, French, Spanish, Dutch

Wireless

- Working Wi-Fi connection: 802.11 b/g/n @ 2.4GHz
- Wireless interconnect: 802.15.4b/g/n @ 2.4GHz
- Bluetooth Low Energy (BLE)

Batteries

- **Nest Protect Battery** Six long-life batteries (Energizer® Ultimate Lithium "L91" AA)
- **Nest Protect Wired** Three long-life backup batteries (Energizer® Ultimate Lithium "L91" AA)

Connectivity requirements

- Wi-Fi connection with Internet access
- Phone or tablet with iOS 8 or later, or Android 4 or later
- Free Nest account

Operating

- The alarm should not be installed in locations where the normal ambient temperature is below 40°F (4°C) or exceeds 100°F (38°C).
- Humidity range: 20%RH to 80%RH (non condensing).

Warranty

- 2-year limited warranty. For help, visit nest.com/support. Our support team is also available by phone 24/7.

Certification

- Nest Protect has been tested to comply with safety standards UL 2034, UL 217 and NFPA-72 set out by UL and California State Fire Marshal.

In the box

- Nest Protect
- Batteries
- Backplate
- Four screws
- User's Guide
- Welcome Guide
- Nest Protect Wired also includes:**
 - 120V AC connector
 - Three wire nuts

Nest Cam



Features

- Easy 60-second setup
- Full 1080p HD video
- Activity alerts
- Talk and Listen
- Night Vision
- Clear Zoom
- Nest app
- Software updates over Wi-Fi

Available with Nest Aware (subscription sold separately)

- Video History (10-day and 30-day available)
- Clips and timelapses
- Activity zones
- Advanced motion sensing

Specs

Camera

- 1/3", 3 megapixel sensor with millions of colors and 8x digital zoom

Video

- H.264 encoding, up to 1080p (1920 x 1080) at 30 frames/sec

Field of view

- 130° diagonal

Night Vision

- 8 high-power infrared LEDs (850nm) with IR cut filter

Audio and lights

- Speaker
- Microphone
- RGB LED

Size and Weight

- Assembled
 - Mass: 7.16 oz (203 g)
 - Height: 4.5 in (11.4 cm)
 - Width: 2.8 in (7.3 cm)
 - Depth: 2.8 in (7.3 cm)

Connectivity requirements

- Wi-Fi connection with Internet access
- Phone or tablet with iOS 8 or later, or Android 4 or later
- Free Nest account

Operating temperature

- 32-104°F (0-40°C)

Languages

- English
- French
- Spanish
- Dutch

Wireless

- Working Wi-Fi connection: 802.11 b/g/n @ 2.4GHz, 5GHz
- Bluetooth Low Energy (BLE)

Power

- AC power adapter:
 - Input: 100-240VAC 0.2A
 - Output: 5VDC 2.0A
- Camera Input: 5VDC, 1.0A

Warranty

- 2-year limited warranty. For help, visit nest.com/support. Our support team is also available by phone 24/7.

In the box

- Nest Cam indoor camera
- Stand
- 10-foot USB cable and power adapter
- Wall-mounting plate
- Nest screws
- Quick Start Guide
- Welcome Guide
- Window decal

Bandwidth requirements

- At 720p, each camera requires an average of 200 kb/s of upload bandwidth and support for peak rates of 500 kb/s of upload bandwidth.
- At 1080p, each camera requires an average of 450 kb/s of upload bandwidth and support for peak rates of 1200 kb/s of upload bandwidth.
- If you subscribe to Nest Aware, your camera streams all video to the cloud for secure offsite storage. At 720p, this requires 60GB of upload bandwidth per month. At 1080p, this requires 140GB of upload bandwidth per month.

