



nest

Welcome to the
thoughtful home

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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 heating.
Tell you if there's trouble.
This is the kind of home
that we're creating.

A more thoughtful home.

Nest Learning Thermostat Programs itself. Saves energy.

The new Nest Thermostat learns what you like and creates a schedule for your home. So it helps you save energy. And with a larger display and sharper resolution, it's simply beautiful.



Energy savings are not guaranteed and depend on energy usage, weather and other factors. Learn more at nest.com/eu/savings



No more programming

Just turn it up and down. With Auto-Schedule, Nest learns from you and programs itself.



Control it remotely

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



Check your Energy History

See how much energy you've used and why. The more you know, the more you can save.



Save while you're away

Don't heat an empty home. Auto-Away adjusts the temperature after you've left.



Manage your hot water

Nest can control your hot water tank. You can even adjust the hot water schedule from your mobile.



Hello, Leaf

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





The Nest Protect

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

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



Get alerts on your mobile

Nest Protect can send you a message when there's a problem or if the batteries are running 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 that you know what to do.



Silence from the Nest app

Just burned the toast? Silence the false alarm with your phone, not your tea towel.



Sees the CO that you can't

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



10-year life span

Nest Protect's long-lasting sensors keep 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 stay connected to 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 mobile

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



No light? No problem.

Stay connected to what's important around the clock. With Night Vision, you can see in the dark.



Talk & Listen

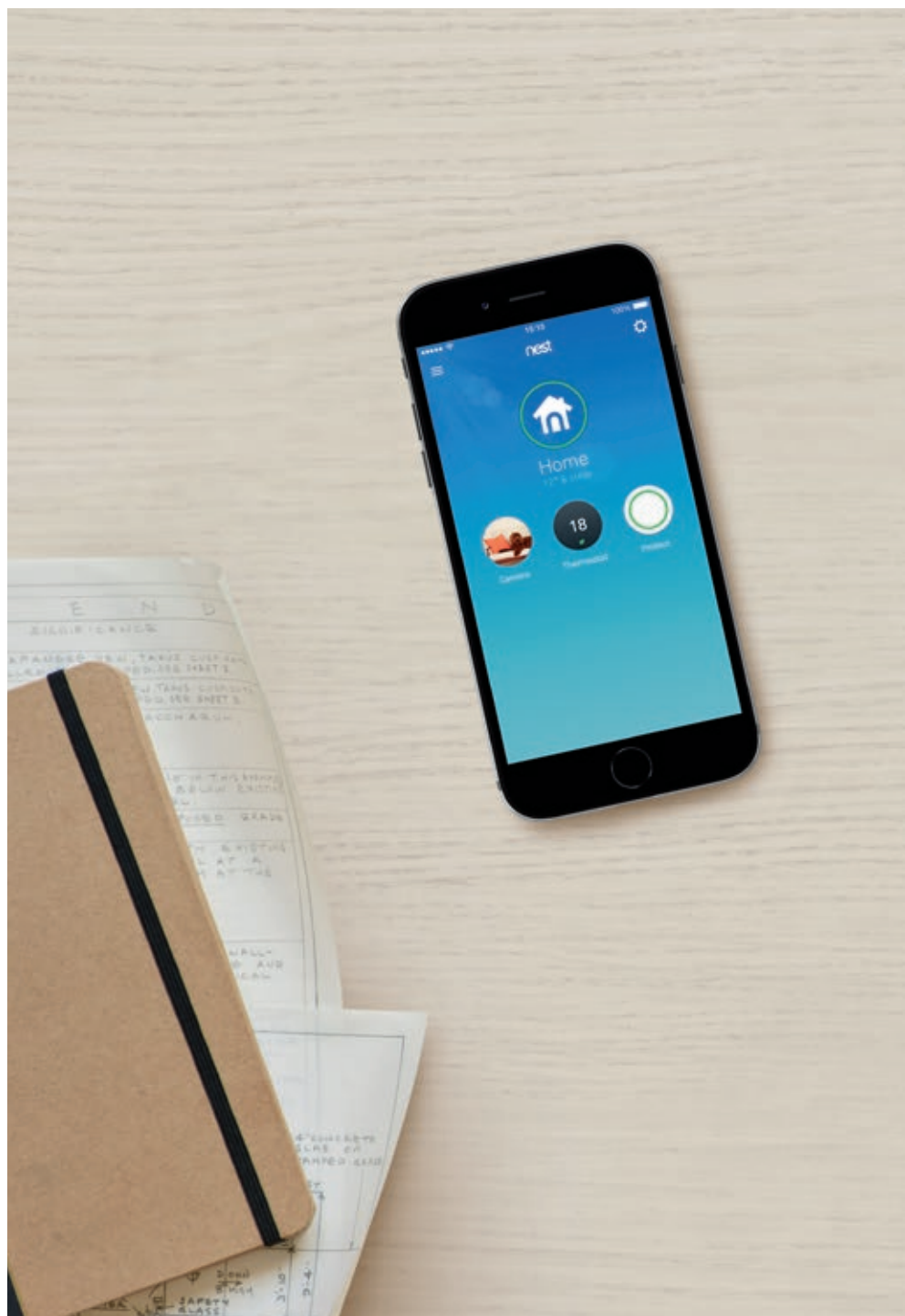
Hear when the baby wakes up. Or tell your dog to get off the sofa.



Find out what you've missed

Continuously record up to 30 days of video with a Nest Aware subscription (sold separately).







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're using in Energy History.


Nest Protect smoke and carbon monoxide alarm

- Get an alert if the alarm goes off 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.

The Nest app is available to download on mobile phones and tablets with iOS 8 or later, and Android 4 or later. Its use requires an Internet connection.



Better together.

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



Nest Learning Thermostat



Features

- Auto-Schedule
- Auto-Away
- Remote control with Nest app
- True Radiant
- Hot water control
- Works with OpenTherm
- Energy History
- Home Report
- Weather aware
- Farsight
- Time to Temperature
- Early-On
- Sunblock
- Thermostat Lock
- Safety temperature notifications
- System Test
- Software updates over Wi-Fi

Specs

Colour

- Stainless steel

Display

- 24-bit colour LCD
- 480 x 480 resolution at 229 pixels per inch (ppi)
- 5.3 cm diameter

Sensors

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

Size and weight

- Display
 - Weight: 206 g
 - Diameter: 8.4 cm
 - Height: 2.7 cm
- Base
 - Weight: 38 g
 - Diameter: 7.7 cm
 - Height: 1.2 cm

- Assembled
 - Weight: 244 g
 - Diameter: 8.4 cm
 - Height: 3.2 cm
- Heat Link
 - Weight: 198 g
 - Size: 11 x 11 x 2.8 cm

Remote control requirements

- Wi-Fi connection with Internet access
- Nest app on phone or tablet with iOS 8 or later, or Android 4 or later
- Latest version of Safari, Chrome, Firefox or Internet Explorer on Mac OS X v10.9 or later, or Windows 7 or later

Languages

- English
- French
- Dutch
- Spanish

Wireless

- Wi-Fi 802.11b/g/n @ 2.4 GHz, 5 GHz
- 802.15.4 @ 2.4 GHz
- Bluetooth Low Energy (BLE)

Battery

- Built-in, rechargeable lithium-ion battery

Power consumption

- Less than 2 kWh/month

Warranty

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

ErP control class

- ErP Class IV (+2%) when connected over On/Off
- ErP Class VI (+4%) when connected over OpenTherm

In the box

- Display
- Base
- Heat Link
- USB power cable (2 m)
- Power adaptor
- Optional trim plate
- Wall screws
- Installation guide and warranty
- Welcome guide
- Nest Pro installation card

Compatibility

- The Nest Learning Thermostat is compatible with many central heating systems, including:
 - Combi boilers
 - System and heat-only boilers
 - Domestic hot water tanks
 - Hydronic underfloor systems
 - Air-source and ground-source heat pumps (heating only)
 - Zoned systems (one Nest Thermostat per zone)
 - Heating systems with OpenTherm technology

Heat Link

- Relays support 3 (1) A load @ 230 V AC, on both satisfied and call-for-heat connectors
- Input power 100 V to 240 V AC, 50/60 Hz
- Output power provides 12 V DC to thermostat

Nest Protect



Features

- Nest app – Mobile alerts include:
 - Low battery
 - Smoke & carbon monoxide
 - Sensor failure
- Split-Spectrum Sensor
- Voice alarms with custom location
- App Silence
- Detects carbon monoxide
- Up to 10 years product lifetime
- Heads-Up alerts
- Sound Check
- Self-Test
- Nightly Promise
- Pathlight
- Steam Check
- Wireless Interconnect
- Safety History
- What to do
- Home Report
- Emergency clip record with Nest Cam

Specs

Sensors

- Split-Spectrum Sensor
- 10-year electrochemical carbon monoxide sensor
- Heat sensor, $\pm 1^{\circ}\text{C}$ ($\pm 1.8^{\circ}\text{F}$)
- Humidity sensor, $\pm 3\%$ RH
- Occupancy sensor, 120-degree field of view to 20 feet (6 m)
- Ambient light sensor
- Omni-directional microphone, 70 dBA SNR

Size and weight

- Height: 13.5 cm
- Width: 13.5 cm
- Depth: 3.9 cm
- Mass: **Nest Protect Battery** 379 g
- Nest Protect Wired** 374 g

Speaker loudness

- 80 dB at 1 metre

Siren

- 85 dB at 3 metres

Light ring

- RGB colour ring with 6 LEDs

Languages

- Out of the box
 - UK: English (British)
- Downloadable
 - French (FR) and (CA), Dutch, Spanish, English (America)

Wireless

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

Batteries

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

Connectivity requirements

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

Operating temperature and humidity

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

Warranty

- 2-year limited warranty. For support, visit nest.com/eu/support

Certification

- Nest Protect complies with the following smoke and carbon monoxide alarm standards in Europe: EN-14604, EN-50291, EN-50271:2010, EN-50292.

In the box

- Nest Protect
- Batteries
- Back plate
- Four screws
- User guide
- Welcome guide
- Nest Protect Wired also includes:**
 - 230 V AC connector
 - Three terminal blocks

Nest Cam



Features

- Easy setup
- Full 1080p HD video
- Activity alerts
- Night Vision
- Clear Zoom
- Talk and Listen
- 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-inch, 3-megapixel sensor with millions of colours 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 (850 nm) with IR cut filter

Audio and lights

- Speaker
- Microphone
- RGB LED

Size and weight

- Assembled
 - Mass: 203 g
 - Height: 11.4 cm
 - Width: 7.3 cm
 - Depth: 7.3 cm

Systems requirements

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

Operating temperature

- 0-40 °C (32-104 °F)

Languages

- English (UK)
- French
- Dutch
- Spanish

Wireless

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

Power

- AC power adaptor:
 - Input: 100-240 V AC, 0.2 A
 - Output: 5 V DC, 2.0 A
- Camera input: 5 V DC, 1.0 A

Warranty

- 2-year limited warranty. For support, visit nest.com/eu/support

In the box

- Nest Cam indoor camera
- Stand
- 3-metre USB cable and power adaptor
- Quick start guide
- Welcome guide
- Nest screws
- Wall-mounting plate

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 1,200 kb/s of upload bandwidth.
- If you subscribe to Nest Aware, your camera streams all video to the cloud for secure off-site storage. At 720p, this requires 60 GB of upload bandwidth per month. At 1080p, this requires 140 GB of upload bandwidth per month.



nest.com/eu

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