

Quick Start
FlexPower ONVIF
Wire-Free IP Camera
Model VNC4030



NETGEAR®

Package Contents



Wire-Free IP camera



Rechargeable battery



Power cable



Power adapter



Magnetic wall mount



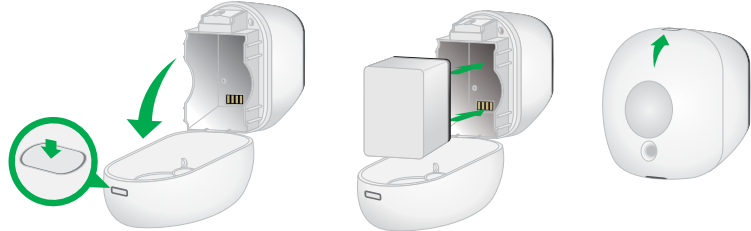
Mounting screws (4)



Outdoor mount

Step 1: Insert the Battery

- 1. Unlock the battery compartment by pressing and holding the latch.
- 2. Gently pull the battery door back to open the compartment.

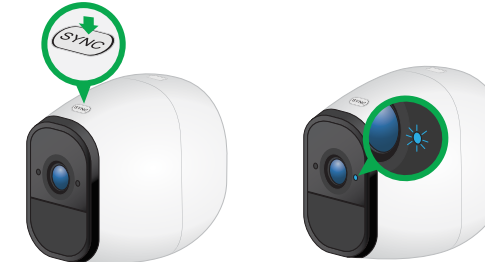
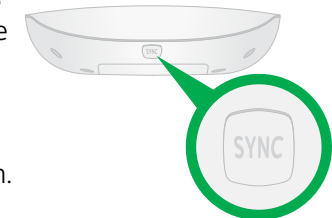


- 3. Align the battery contacts.
- 4. Insert the battery.
- 5. Close the battery door.

Step 2: Sync Your Camera With the Base Station

You must install the base station before you can sync the cameras.

- 1. Bring the camera within 2 to 4 feet (60 to 120 cm) of the base station.
- 2. Press the **Sync** button on the top of the base station for about two seconds and release the button.
The base station Sync LED blinks blue.
- 3. Press the **Sync** button on top of the camera for about two seconds and release the button.



The camera LED blinks blue. When the camera is synced to the base station, the camera LED blinks rapidly to confirm sync.

Note: The camera LED blinks amber if the sync is not successful. You must repeat the sync process.

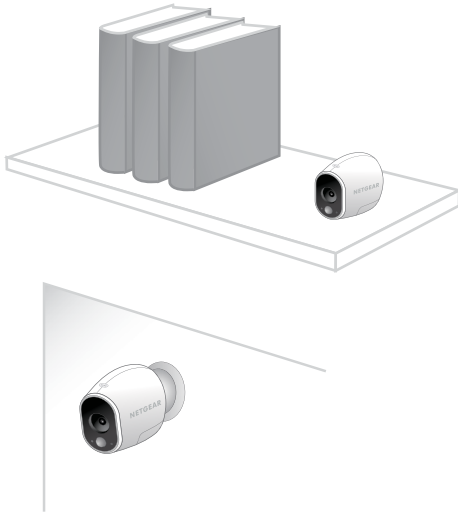
Camera LED Guide

Camera State	LED Behavior
General	Blinks blue once. The camera was powered on. Blinking blue and amber. A firmware update is in progress. Do not turn off the camera. Off. The camera is either powered off or is powered on and is synced to a base station.
Syncing	Slow blinking blue. The camera is attempting to sync to a base station. Fast blinking blue. The camera is syncing with a base station. Fast blinking amber. The camera did not sync.
Charging	Fast blinking blue. The camera is connected to power and is charging. Solid blue. The camera is powered on and the battery is fully charged. Slow blinking amber. The camera battery charge is low. Fast blinking amber. The power connection failed.

DRAFT

Place or Mount Your Cameras

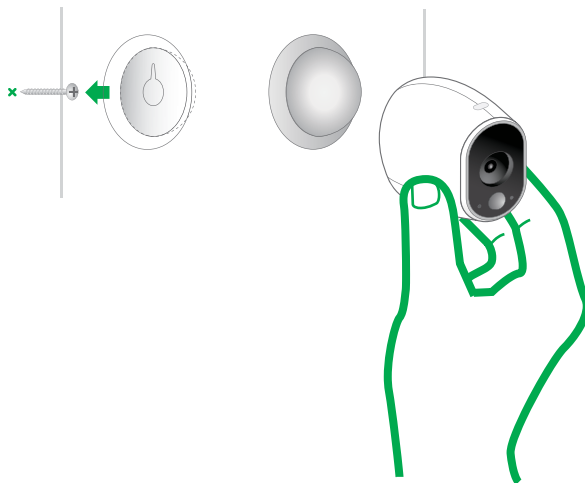
You can place your camera on a shelf or other flat surface, or you can mount it to the wall.



Note: Use the [NETGEAR](#) app in Position mode to help aim the camera. See [Position Mode](#) on page 15.

➤ To mount your camera to the wall:

1. Fasten the mounting screw into the wall, and hang the magnetic mount from the screw.



2. If you're mounting the camera to drywall, be sure to use the plastic drywall anchors that are provided.

Note: You can also use double-sided tape instead of screws.

Position Your Cameras

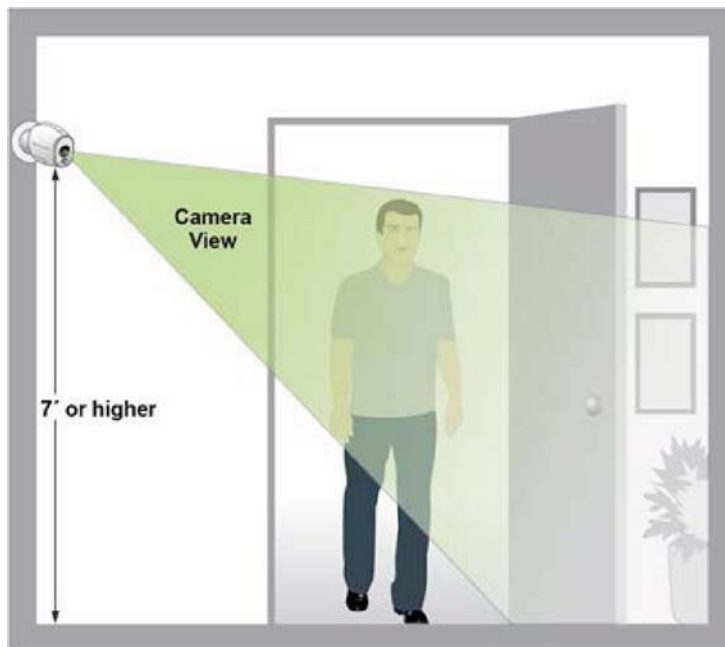
The Position mode allows you to see what your camera sees. Using Position mode, you can make sure that your camera is positioned to monitor the precise area that you want. For more information, see [Position Mode](#) on page 15.

It's important to keep distance in mind when placing your cameras:

- **Maximum.** You can place your camera a maximum of 300 feet (90 meters) from the base station. In indoor installations, the range might be less if metal objects or thick walls and ceilings are between a camera and the base station.

Note: Check the Camera LED on the base station. If it's blinking amber, the base station detects a low data rate, a sign that a camera is too far from the base station.

- **Minimum.** Place your cameras at least 10 feet from the base station, and allow at least 6 ½ feet (2 meters) between cameras. Follow these guidelines to prevent WiFi signals between the devices from interfering with each other.



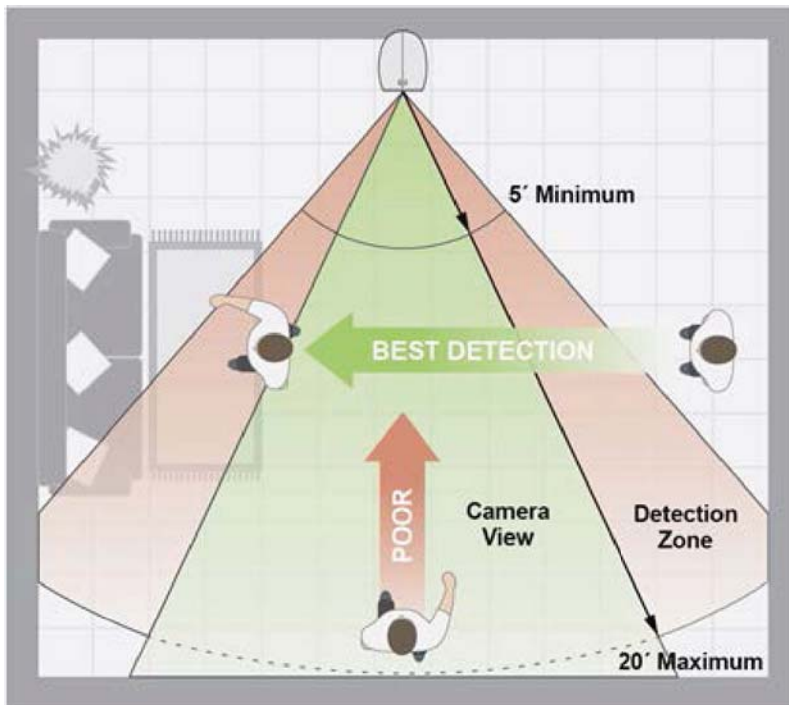
When positioning your camera, keep these tips in mind:

- **Keep active locations in the camera's field of view.** Your camera provides a 110-degree viewing angle. Position your camera so that the space that you want to monitor is within the camera's field of view.

Set Up Your System

- **Aim with the cloud.** Use Your Position mode to send video to the cloud as quickly as possible. This allows you to aim the camera while watching the video feed on your smartphone app to make near real-time adjustments to the camera's position. Go to your camera's Settings option to turn on Position mode. After the camera is in place, you can turn off Position mode, or it automatically turns off after five minutes. For more information, see [Position Mode](#) on page 15.
- **Elevate your camera.** Mount your motion-detection camera at least 7 feet (2 meters) above the floor and aim it slightly downward for the best sensor performance.
- **Ensure that side-to-side traffic crosses the field of view.** Your motion sensor is much more sensitive to side-to-side movement across its field of view than to movement directly toward or away from the camera. The best area for motion detection is 5 feet to 20 feet (1.5 to 6 meters) from the camera position.

For best results, position the camera so that the path of expected motion crosses the field of view and does not head directly into or away from the camera. For example, if you want to detect motion near a couch, place the camera to the side of the couch, rather than above it or opposite it.



You can use the Motion Detection Test feature to verify if motion can be detected in a camera's current placement. The camera's LED flashes amber when motion is detected. Go to your camera's Settings option to turn on the Motion Detection Test feature.

Access the Base Station Camera Feeds

1. Connect your computer or mobile device to the same LAN as the base station.
If you are unable to connect to the same LAN using WiFi, use an Ethernet cable to connect a computer to the same router or switch as the base station.
2. Do one of the following:
 - **Windows-based computer.** Open a folder and then click **Network** or **Network Places**. Look for a **Basestation-xxx** icon. It might appear in the other devices category.
 - **Mac, Linux, or mobile device.** Open a web browser and enter **http://basestation-xxx** (replace xxx with the last 3 digits of the base station serial number). The serial number is on the base station label.
 - **IP address.** Use your router's admin web page or a network scan tool to look up the IP address for the base station and then type the IP address into your browser address bar.
3. Enter **admin** for the user name and enter the password.
The default password is **password**.
The base station web page displays the cameras that are linked to the base station.
4. To test the camera feed, tap or click the **Snapshot** button to refresh the camera image for each camera.

BETA DOCUMENT

May 2017

Add Your Camera to an ONVIF-Compliant VMS

Note: We recommend that the camera and the VMS hardware are on the same LAN and subnet.

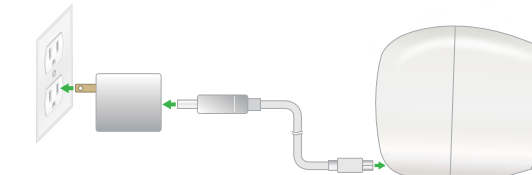
1. Log in to the base station.
The base station web page displays.
2. Tap or click the gear icon near the camera.
3. Note the IP address next to the text **Network**.
4. Open your VMS software.
5. Follow the instructions provided by your VMS vendor to discover an ONVIF camera.
If the automatic discovery process does not work, you might need this information to manually add the camera to your VMS:
 - **IP address.** (You can use your router's admin web page or a network scan tool to look up the IP address for the base station.)
 - **Port.** 8080
 - **The camera's default password for its admin user name.** (This is different from the base station's admin password.)
6. Select **ONVIF** or **Generic ONVIF** as the device type.

7. For best performance, select **h.264** for video.
After you add the camera to the VMS, you can select one of three default streaming profiles or create your own custom profile.
8. Adjust the bitrate as needed for your network environment.
Reduce the bitrate in environments with high 2.4ghz interference or if the camera needs to be placed far away from the nearest base station.
9. Select no more than 24 frames per second as the frame rate.

Charge the Camera Battery

The rechargeable battery is fully charged when it leaves the factory.

1. Place the camera indoors.
If you are using the camera outdoors, bring it inside while charging the battery.
2. Connect the power adapter cable to the camera power adapter.
You must use the power adapter that came with the camera.



3. Connect the other end of the adapter cable to the camera.
4. Plug the power adapter into an electrical outlet.
The camera LED displays solid blue when the camera battery is fully charged.

Support

Thank you for purchasing this NETGEAR product. You can visit www.netgear.com/support to register your product, get help, access the latest downloads and user manuals, and join our community. We recommend that you use only official NETGEAR support resources.

For the current EU Declaration of Conformity, visit http://support.netgear.com/app/answers/detail/a_id/11621/.

For regulatory compliance information, visit <http://www.netgear.com/about/regulatory/>.

See the regulatory compliance document before connecting the power supply.

© NETGEAR, Inc., NETGEAR and the NETGEAR Logo are trademarks of NETGEAR, Inc. Any non-NETGEAR trademarks are used for reference purposes only.

CE **NETGEAR INTL LTD**
Building 3, University Technology Centre
Curraheen Road, Cork, Ireland

NETGEAR, Inc.
350 East Plumeria Drive
San Jose, CA 95134, USA

DRAFT

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Industry Canada statement:

This device complies with ISED's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement:

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.