

Motion Sensor

YS7804-UC, YS7804-EC

Quick Start Guide

Revision Apr. 04, 2023

A Welcome!

Thank you for purchasing YoLink products! We appreciate you trusting YoLink for your smart home & automation needs. Your 100% satisfaction is our goal. If you experience any problems with your installation, with our products or if you have any questions that this manual does not answer, please contact us right away. See the Contact Us section for more info.

Thank you!

Eric Vanzo
Customer Experience Manager

The following icons are used in this guide to convey specific types of information:

- Very important information (can save you time!)
- Good to know info but may not apply to you

Fr

Pour des instructions en français, scannez les codes QR dans la section suivante.

Es

Para obtener instrucciones en español, escanee los códigos QR en la siguiente sección.

B Before You Begin

Please note: this is a quick start guide, intended to get you started on the installation of your Motion Sensor. Download the full Installation & User Guide by scanning this QR code:



Installation & User Guide

You can also find all guides and additional resources, such as videos and troubleshooting instructions, on the Motion Sensor Product Support Page by scanning the QR code below or by visiting:

<https://shop.yosmart.com/pages/motion-sensor-product-support>

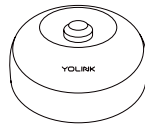


Product Support
Support produit
Soporte de producto

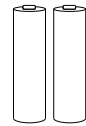


Your Motion Sensor connects to the internet via a YoLink hub (SpeakerHub or the original YoLink Hub), and it does not connect directly to your WiFi or local network. In order for remote access to the device from the app, and for full functionality, a hub is required. This guide assumes the YoLink app has been installed on your smartphone, and a YoLink hub is installed and online (or your location, apartment, condo, etcetera, is already served by a YoLink wireless network).

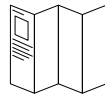
C In the Kit



Motion Sensor



2 x AAA Batteries (Pre-Installed)



Quick Start Guide



Mounting Plate

D Required Items

The following items may be required:

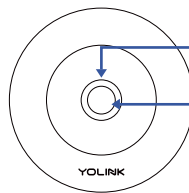


Double-Sided Mounting Tape



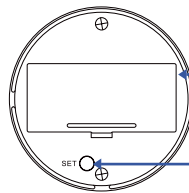
Rubbing Alcohol Pads

E Get to Know Your Motion Sensor



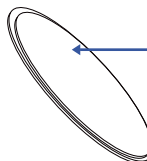
Status LED

Detection Window



Battery Compartment

SET Button



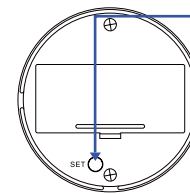
Mounting Plate

E Get to Know Your Motion Sensor, Continued

LED Behaviors

- Blinking Red Once, then Green Once**
Device Start Up
- Blinking Red And Green Alternately**
Restoring to Factory Default Settings
- Blinking Green**
Connecting to the Cloud
- Fast Blinking Green**
Control-D2D Pairing in Progress
- Slow Blinking Green**
Updating
- Blinking Red Once**
Device is Connected to the Cloud and is Functioning Normally
- Fast Blinking Red**
Control-D2D Unpairing in Progress
- Fast Blinking Red Every 30 Seconds**
Batteries Are Low; Replace the Batteries

F Power Up



Turn on the Motion Sensor by briefly pressing the SET button, until you see the LED flash red then green.

G Install the App

If you are new to YoLink, please install the app on your phone or tablet, if you have not already. Otherwise, please proceed to the next section.

Scan the appropriate QR code below or find the "YoLink app" on the appropriate app store.



Download on the App Store

Available on Google Play

Apple phone/tablet iOS 9.0 or higher Android phone or tablet 4.4 or higher

Open the app and tap **Sign up** for an account. You will be required to provide a username and a password. Follow the instructions, to set up a new account. Allow notifications, when prompted.

You will immediately receive a welcome email from no-reply@yosmart.com with some helpful information. Please mark the yosmart.com domain as safe, to ensure you receive important messages in the future.

Log in to the app using your new username and password.

The app opens to the **Favorite** screen. This is where your favorite devices and scenes will be shown. You can organize your devices by room, in the **Rooms** screen, later.

H Add Your Motion Sensor to the App

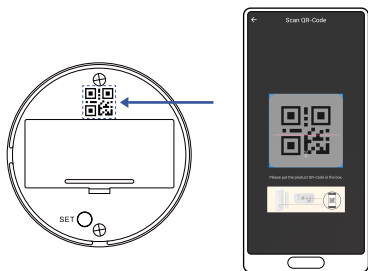
1. Tap **Add Device** (if shown) or tap the scanner icon:

Scanner icon



H Add Your Motion Sensor to the App, Continued

2. Approve access to your phone's camera, if requested. A viewfinder will be shown on the app.



3. Hold the phone over the QR code so that the code appears in the viewfinder. If successful, the **Add Device** screen will be displayed.

4. Follow the instructions to add your Motion Sensor to the app.

I Installation

Sensor Location Considerations:

Before installing your Motion Sensor, please consider the following:

1. Passive-infrared (PIR) motion sensors such as your YoLink Motion Sensor detect movement within a specific area by sensing the infrared energy emitted from a body, causing a temperature change, as it moves across the sensor's field of view.

2. The Motion Sensor is intended for indoor use. As the sensor uses infrared sensing technology, ambient temperature and the temperature of the detection target (such as people) is a factor. Hot, outdoor environments, even if under cover (such as a car port) will result in undesired behaviors such as false alarms or failure to detect motion. Consider our Outdoor Motion Sensor for outdoor applications.

3. Do not use the sensor in extremely hot or steamy environments, such as in a boiler room or near a sauna or hot tub.

I Installation, Continued

4. Do not aim your Motion Sensor at, or place the sensor near sources of heat, such as space heaters, or near sources of rapid temperature change, such as heating or cooling grilles or registers.

5. Do not aim your Motion Sensor at windows, fireplaces, or other sources of light. For example, at night, lights from a vehicle shining through a window directly into the motion sensor may cause a false alert.

6. Mount the Motion Sensor to a rigid surface, free of vibration.

7. Placement of the Motion Sensor in high traffic areas will reduce the life of the batteries.

8. Pets such as cats and dogs can set off the Motion Sensor. If you have pets and are using the sensor for security applications, consider wall-mounting your sensor, which provides more control over the detection region.

9. The Motion Sensor best detects motion moving across its field of view, as opposed to moving directly towards it.

10. The Motion Sensor has a 360° cone of coverage (viewed from directly below, sensor facing down), with a 120° coverage profile (viewed from the side of the sensor). Detection range is approximately 20 feet (about 6 meters).

11. If mounting your Motion Sensor on the ceiling, the ceiling height should be no more than 13 feet (about 4 meters).

12. If wall-mounting your Motion Sensor, the suggested mounting height is approximately 5 feet (about 1.5 meters).

13. The Motion Sensor has an integral magnet that allows for mounting to the metal mounting plate or to a metal surface. The metal plate has mounting tape, that allows it to be secured to a suitable surface. Additional mounting plates with pre-installed mounting tape are available for purchase on our website.

14. We recommend you test the proposed location of your Motion Sensor before permanently installing it. This can be easily done with painter's tape, by taping the mounting plate to the proposed location, allowing for testing the sensor, as explained later.

15. The YoLink Motion Sensor does not have pet immunity features. One method to prevent false alerts caused by pets includes avoiding the use of this sensor in areas the pets may occupy while the sensor is armed. Wall-mounting your sensor higher on the wall, so that the coverage 'cone' does not include the floor of the room, is another method. Adjusting the Motion Sensor's sensitivity to low may help (but it may slow response time, or prevent operation entirely). Large dogs and/or pets that climb up on furniture will likely cause a false alert, if in the coverage region of your Motion Sensor. A trial & error process of testing the proposed sensor location and settings, with your pet, is recommended.



The mounting tape is extremely adhesive and can be very difficult to remove later without damage to the surface (removing paint, even drywall). Use care when installing the mounting plate on delicate surfaces.

Install and test the Motion Sensor:

1. If mounting the Motion Sensor to a metal surface, you can do so at this time. Otherwise, you may either secure the mounting plate to the surface, using painter's tape (to test the location first), or you can secure the mounting plate to the surface. Do so by first cleaning the installation area, using rubbing alcohol or similar to remove all dirt, oil or grease from the mounting surface. Remove the backing from the mounting tape, then place the mounting plate at the desired location, tape side to the mounting surface. Press and hold for at least 5 seconds.

2. Place the Motion Sensor on the mounting plate. Ensure it has a good magnetic connection to the plate.

3. Next, test the sensor. It is very important that you test the sensor, as realistically as possible, to ensure it works as required for your application. With your phone in-hand, using the app, refer to the Motion Sensor status as you walk through the coverage area. You may need to adjust the location of the sensor and/or sensitivity.

4. When the sensor responds as desired, if temporarily installed, you may permanently install it as noted in step 1.



Please note! A motion sensor is not a guarantee of security or protection against intrusion into your home or business. As noted, motion sensors can be prone to false alarms under certain conditions, and they may also not respond as desired under certain conditions. Consider adding additional motion sensors, as well as door sensors and/or vibration sensors, to enhance your security system and make it more responsive to intrusion.

Refer to the full Installation & User Guide and/or the online resources for additional information and to complete the set-up and settings for your Motion Sensor.

J Contact Us

We are here for you, if you ever need any assistance installing, setting up or using a YoLink app or product!

Need help? For fastest service, please email us 24/7 at service@yosmart.com

Or call us at **831-292-4831** (US phone support hours: **Monday - Friday, 9AM to 5PM** Pacific)

You can also find additional support and ways to contact us at: www.yosmart.com/support-and-service

Or scan the QR code:



Support
Home Page

Finally, if you have any feedback or suggestions for us, please email us at feedback@yosmart.com

Thank you for trusting YoLink!

Eric Vanzo
Customer Experience Manager

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