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YOLINK YS7704-UC Door Sensor

YOLINK YS7704-UC Door Sensor User Guide

Contents

YOLINK

YOLINK YS7704-UC Door Sensor

Product Information

Specifications

- Model: YS7704-UC, YS7704-EC
- Connectivity: YoLink Hub required for internet connection
- Power Source: 2 AAA non-rechargeable batteries
- LED & Beep Indicators: Various indicators for different statuses

Product Usage Instructions

Power Up
Press the SET button briefly and observe the LED blinking red then green.

Install the App
If you are new to YoLink, follow these steps:

1. Install the YoLink app on your phone or tablet.
2. Open the app and tap "Sign up" to create an account with a username and password.
3. Follow the on-screen instructions to set up your account.
4. Allow notifications when prompted.
5. Check your email for a welcome message from **no-reply@yosmart.com** and mark it as safe.

Frequently Asked Questions (FAQ)

- **Q: Do I need a YoLink hub for the Door Sensor to function?**

  A: Yes, the Door Sensor requires a YoLink hub for connectivity and full functionality.

- **Q: What do the different LED blink patterns indicate?**

  A: The LED blinks red and green alternately when restoring to factory defaults, blinks green when connecting to the cloud, blinks red once when the device is functioning normally, and more. Please refer to the user manual for a detailed list of indicators.

- **Q: How do I know if the batteries need replacement?**

  A: The device will blink red every 30 seconds if the batteries are low. Please replace them promptly with new AAA batteries.

Door Sensor
YS7704-UC, YS7704-EC

Quick Start Guide
Revision Apr. 27, 2023

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!)

- Pour des instructions en français, scannez les codes QR dans la section suivante.
- Para obtener instrucciones en español, escanee los códigos QR en la siguiente sección.

Before You Begin

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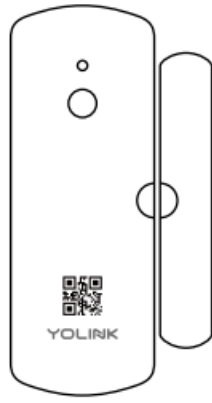
Installation & User Guide

You can also find all guides and additional resources, such as videos and troubleshooting instructions, on the Door Sensor Product Support page by scanning the QR code below or by visiting: **https://shop.yosmart.com/pages/** door-sensor-product-support

⚠ Your Door 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).
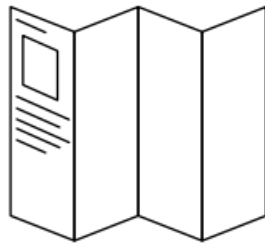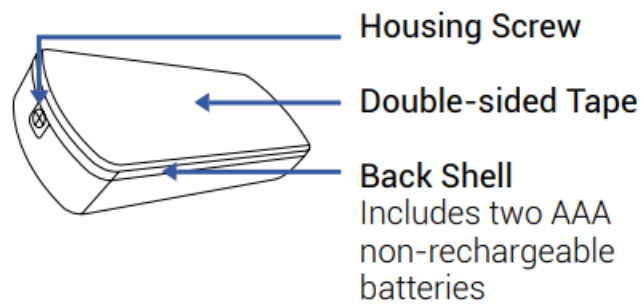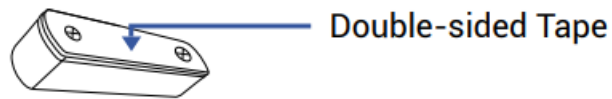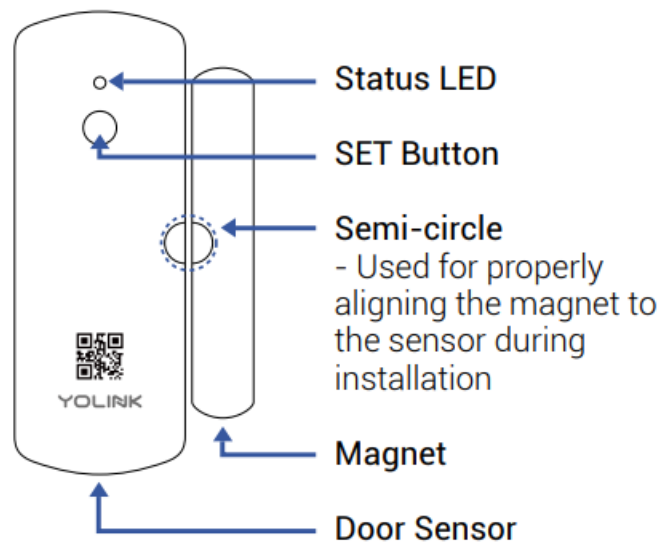
In the Box

Door Sensor

AAA Batteries (2)
Installed

Quick Start Guide

Get to Know Your Door Sensor

Status LED

SET Button

Semi-circle
- Used for properly aligning the magnet to the sensor during installation

Magnet

Door Sensor

Double-sided Tape

Housing Screw

Double-sided Tape

Back Shell
Includes two AAA non-rechargeable batteries

LED & Beep Behaviors

Blinking Red Once, then Green Once
Device turned on

Blinking Red And Green Alternately
Restoring to Factory Defaults

Blinking Green
Connecting to Cloud

Slow Blinking Green
Updating

Fast Blinking Green
Control-D2D Pairing in Progress

Blinking Red Once
Device alerts or 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; please replace the batteries

Power Up

Press the SET button briefly
Observe the LED blinks red then green
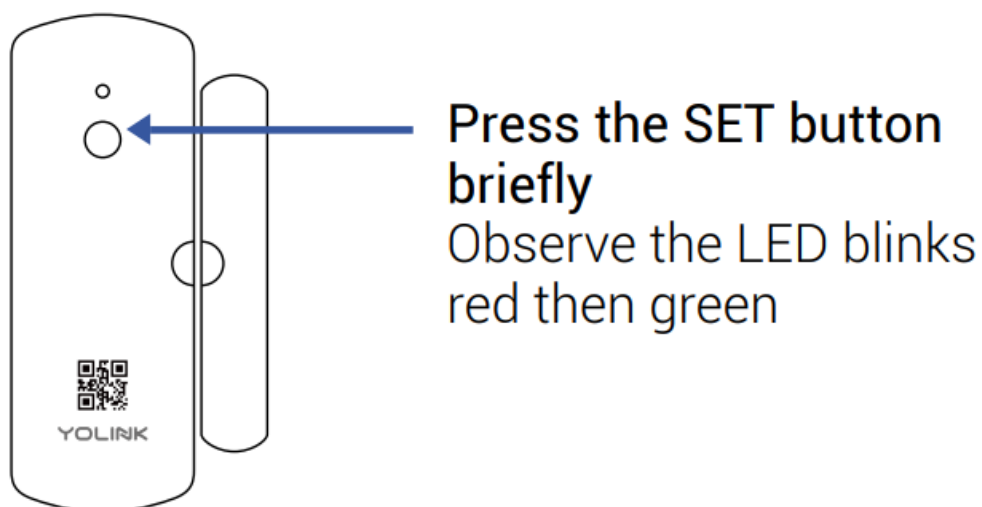
Install the App

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.


Apple phone/tablet
iOS 9.0 or higher

Android phone/
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.
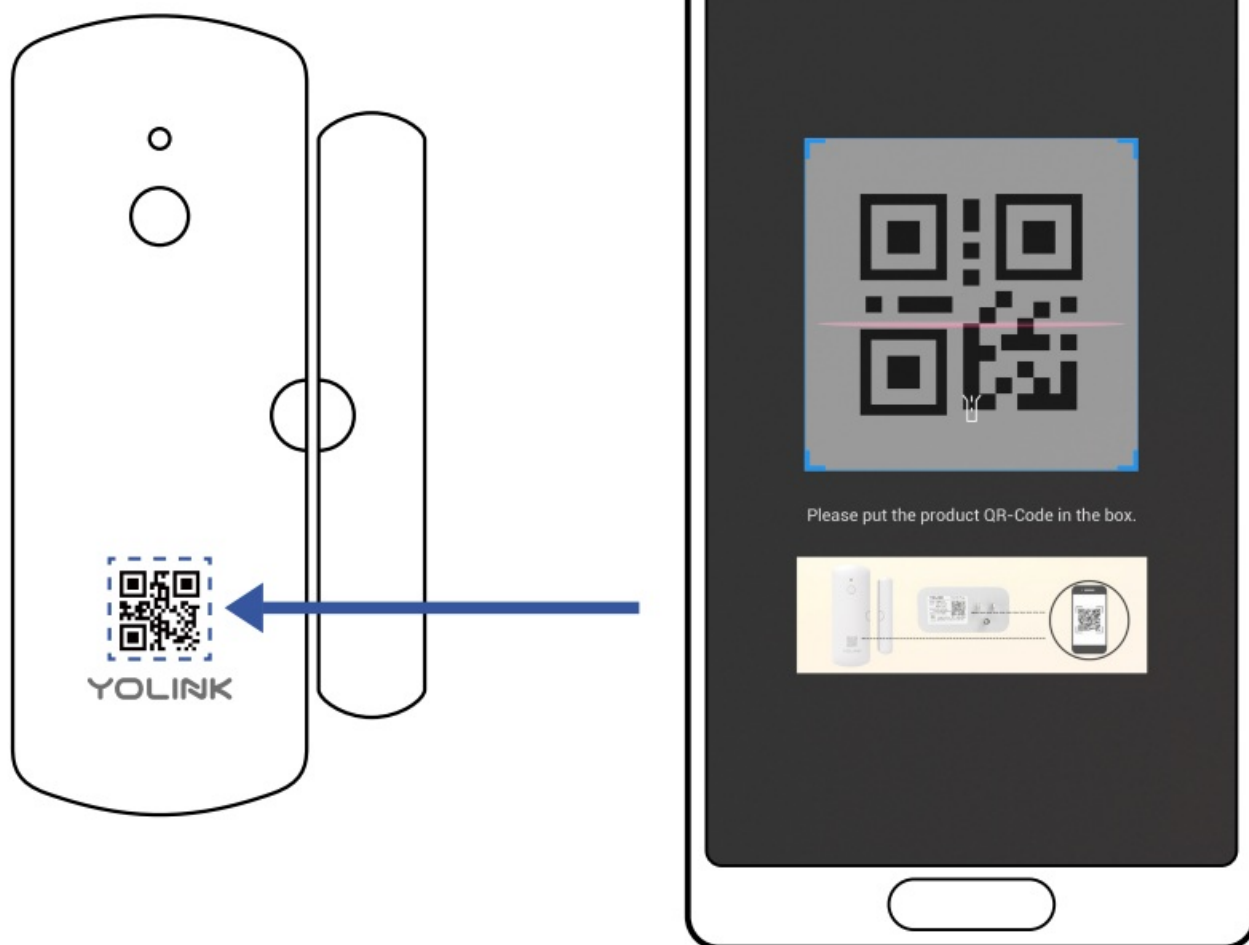- Refer to the full user guide and online support for instructions on the use of the YoLink app.

Add the Door Sensor tothe App

1. Tap Add Device (if shown) or tap the scanner icon:
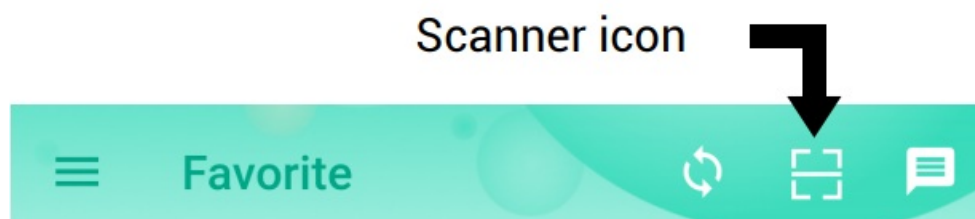
2. Approve access to your phone's camera, if requested. A viewfinder will be shown on the app.

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. You can change the device name and assign it to a room later. Tap Bind device.

5. Refer to the full user guide and/or online resources for additional instructions on using the YoLink app.

Installation

Door sensor basics

- Before installing your new Door Sensor, it is best if you understand how it works. The Door Sensor is made up of two parts. The smaller part is referred to as the magnet, while the larger part is typically referred to as the sensor or door sensor. The larger part contains the batteries and the electronics, as well as a reed switch. When the magnet is near the sensor, its magnetic force causes the reed switch to close and signal the sensor that the door is closed.

- The door sensor has a maximum distance between it and the magnet, while it will indicate the door is closed. This is often referred to as the "gap". The Door Sensor has a maximum gap of around ¾" or around 19 millimeters.

- The door material, such as steel versus wood, can adversely impact this distance.

- Refer to Figure A. The sensor and magnet each have a semi-circle engraved into the housing. The optimal

placement of magnet and sensor will result in the two semi-circles placed next to each other to form a circle. But the magnet can be placed on a higher, or lower, plane (or level), than the sensor, as shown in Figure B. Also, the magnet can be turned at an angle from the sensor, as shown in Figure C (90 degrees, as shown here, or less than 90 degrees, for angled or sloped molding). When determining the appropriate location, placement and orientation of the Door Sensor parts, you can view the status of the door sensor in the YoLink app, as well as use the sensor's

- LED indicator (which illuminates briefly when the door is opened) to check your installation.
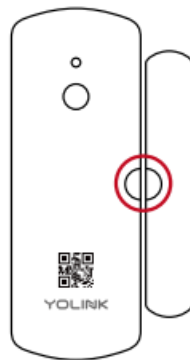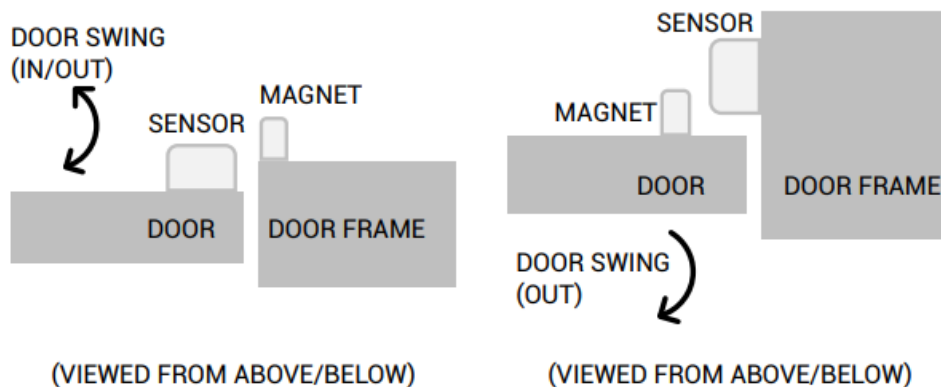

Figure A

Figure B

Figure C

Please note, the Door Sensor is intended for indoor use. Consider our Outdoor Contact Sensor for outdoor locations, such as swing gates. For garage doors, consider our Garage Door Sensor. For special applications, our Outdoor Contact Sensor can be used in conjunction with specialized contacts, such as chain link fence gate contacts.

Sensor location considerations
The Door Sensor can be used on many types of standard "man" doors, both swing and sliding type, sliding glass doors, windows, lids, hatches, cabinet and pantry doors, and even in or on drawers and boxes.
Refer to the full user guide for additional diagrams and additional tips on sensor placement for popular door and window types.

Before installing the Door Sensor, consider the following

- The magnet can be on the door, or the sensor can be on the door.
- The sensor and magnet can be installed upside-down or sideways; this will not effect the operation.
- The Door Sensor should always be installed on the indoor and "secure" side of the door (that is on the locked or private side of the door, which should not be subjected to tampering or disabling by an intruder, etc.).
- Avoid locations where the door sensor will be subjected to physical damage, such as on the bottom of the door (where it might be kicked) or near the handle
  (where is might be struck by a hand or object).
- With windows and sliding glass or French doors, consider the sliding door or leaf that is fixed, and the one that is moveable, and make sure your sensor is not being installed where it will not allow the door or window to slide fully open.
- Do not place the door sensor too close to the magnet. As materials can shrink or expand with temperature changes, the distance between the two pieces might change later, too, resulting in the two parts colliding.
- Use care to not place your sensor and magnet too far apart. If you have placed the sensor and magnet at their absolute farthest distance from each other, expansion or contraction of the door and frame due to temperature or humidity changes could result in your Door Sensor indicating the door/window is open when it is not. Also, doors or windows with too much play (movement while in the closed position), can contribute to false-open indications.
- Generally avoid placing the sensor on the hinge side of a door. While the sensor can be made to work at these locations, the door itself might be able to be opened significantly before the sensor indicates the door is open.

Refer to the full installation and user guide to complete the setup of your Door Sensor.

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 sugges-tions for us, please email us at **feedback@yosmart.com**
Thank you for trusting YoLink!

Eric Vanzo
Customer Experience Manager

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Documents / Resources

	YOLINK YS7704-UC Door Sensor [pdf] User Guide YS7704-UC Door Sensor, YS7704-UC, Door Sensor, Sensor

References

- **Support Home – YoLink**
- **YoLink Products - Longest Range, By Far!**
- **User Manual**