In the Box



Get to Know Your Hub

YoLink Hub

YS1603-UC (FCC), YS1603-EC (CE+UKCA), YS1603-JC Installation Manual & User Guide Rev 1.4

DA

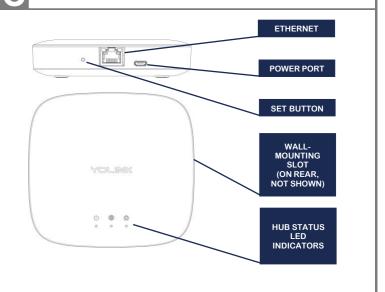
Introduction

Thank you for purchasing YoLink products! Whether you are adding additional hubs to expand your system's range or if this is your first YoLink system, we appreciate you trusting YoLink for your smart home/home automation needs. Your 100% satisfaction is our goal. If you experience any problems with your installation, with our product or if you have any questions that this manual does not answer, please contact us right away. See the **Customer Support** section for more info.

The **YoLink Hub** is the **central controller** of your YoLink system and the **gateway to the Internet** for your YoLink devices. As opposed to many smart home systems, the individual devices (sensors, switches, outlets, etc.) are <u>not</u> on your network or Wi-FI and are not directly connected to the internet. Instead, your devices communicate with the Hub, which connects to the internet, the cloud server and the app.

The Hub connects to the internet via a **wired and/or WiFi** connection to your network. As the wired method is "plug & play" we recommend using this method, because it is the easiest to setup and it does not require making changes to settings for your phone or network equipment (now, or in the future -- changing your WiFi password later would require changing the password for the Hub). The Hub may otherwise be connected to the internet via a **2.4GHz** (only*) band WiFi provided by your network. See the Support section of this manual for more information. *5GHz band is not supported at this time.

Your system may have more than one Hub, due to the number of devices (one Hub can support at least 300 devices), and/or the physical size of your home or building(s) and/or property. YoLink's unique Semtech® LoRa®-based long-range/low-power system offers industry-leading range - up to 1/4 mile reach in open air!



	LED INDICATORS		
	POWER	INTERNE	F FEATURE
	U	۲	
HUB STATUS	0	0	0
NORMAL (ON, CONNECTED TO INTERNET)			0
ABNORMAL (ON, INTERNET NOT CONNECTED)		0	0
WIFI SETTINGS CHANGE:			0
RESTORING TO FACTORY DEFAULTS:			
DEVICE UPDATING:			

LED BEHAVIORS KEY

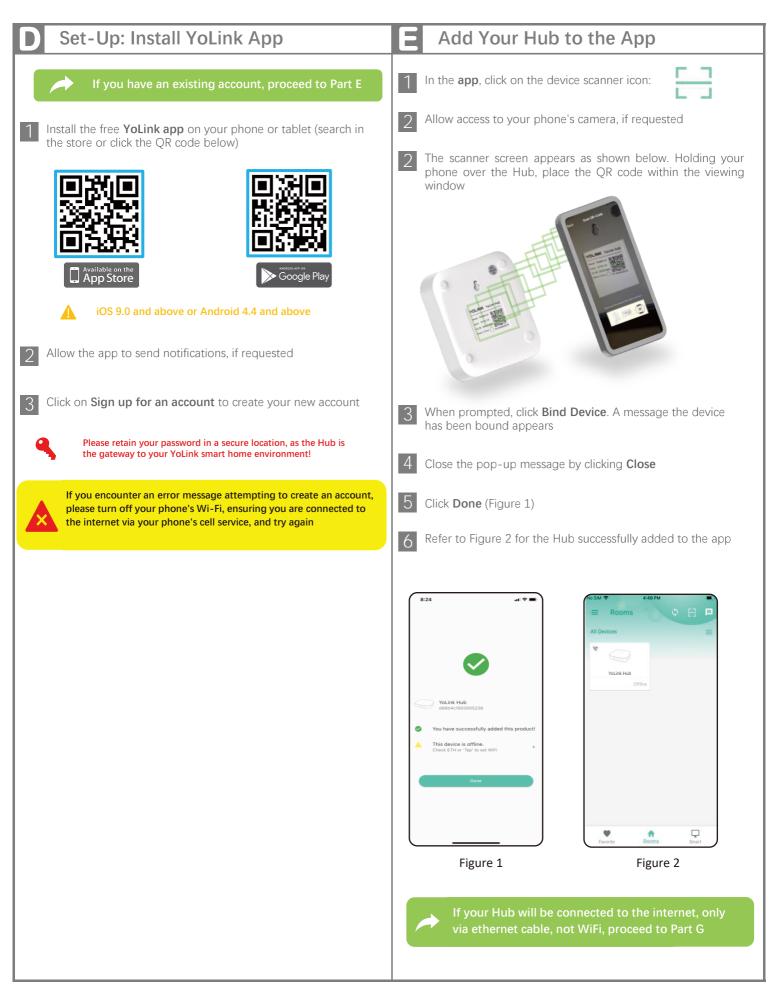


ETHERNET JACK LED BEHAVIORS



Fast blinking yellow indicates normal data transmission Slow blinking yellow indicates no response from the router Green light on indicates port is connected to router or switch Either light off indicates something is wrong

(Disregard LEDs if port is not being used)



WiFi Considerations

Your Hub must be connected to the Internet via WiFi and/or a wired (Ethernet) connection. (In this user guide, these methods will be referred to as WiFi-Only, Ethernet-Only or Ethernet/WiFi.) For easy plug & play installation with no need to change phone or Hub settings, now or later, a wired, or Ethernet-Only connection, is recommended. A wired connection may be best for you, if any of these apply to you:

You are not the owner/administrator of the WiFi, or you forgot or do not have the password

Your WiFi has a second verification process or additional security

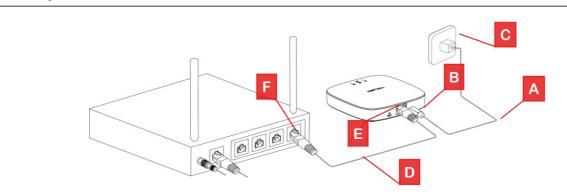
Your WiFi is not dependable

You'd rather not share your WiFi credentials with additional apps

Power-Up

C

4





As shown, power up the Hub by connecting one end the USB cable (A) to the power jack (B) on the Hub, and the other end to the power adapter (C), plugged into an outlet

The green power indicator should flash:

- 3 It is recommended that you connect your Hub to the network/internet even if WiFi-Only is your intended format. Using the supplied Ethernet patch cord (D), connect one end (E) to the Hub, and the other end (F) to an open port on your router or switch. The blue Internet indicator should turn on:
- In the app, the Hub is now shown to be Online, with the Ethernet icon green as shown:



If your Hub is **NOT** Online after this step, please double-check your cable connections. Check LED indicators on the Ethernet jack on your Hub (refer to section C). There should be similar LED activity on your router or switch (refer to your router/switch documentation)

WiFi Set-up

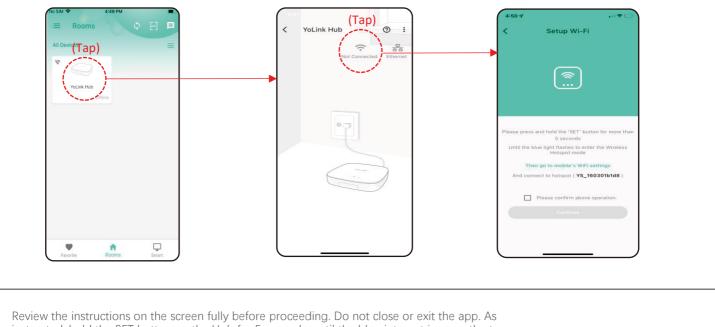
5

6

7

8

If using a WiFi-Only or Ethernet/WiFi connection, in the app, tap the Hub image, as shown, then tap the WiFi icon. If the screen that appears resembles that shown, proceed to step 2, otherwise skip to step 7.



2 Review the instructions on the screen fully before proceeding. Do not close or exit the app. As instructed, hold the SET button on the Hub for 5 seconds, until the blue internet icon on the top of the Hub flashes.

On the app, tap the "**Then go to mobile's WiFi settings**" link. While your phone may be currently connected to your WiFi, connect instead to the new YS_160301b1d8 hotspot.

4 Return to the app, and tap the "Please confirm above operation" checkbox, then tap Continue. If you get an error message, tap Close to close the popup message. If the blue LED is not still flashing, return to step 2, otherwise return to step 3, to try again.

As shown in the figure to the right, in the Choose a WiFi box, select or enter your 2.4 GHz SSID (unless it is hidden, it should appear in the list, when you tap in this area). Enter your WiFi password, then tap Continue

If there are no error messages, a Connected Successfully screen will be displayed. Proceed to section J, otherwise follow the steps beginning at #7.

iOS phones only: if prompted, enable Local Network Access. (Search "iOS location services: for more information or scan the QR code to the right.

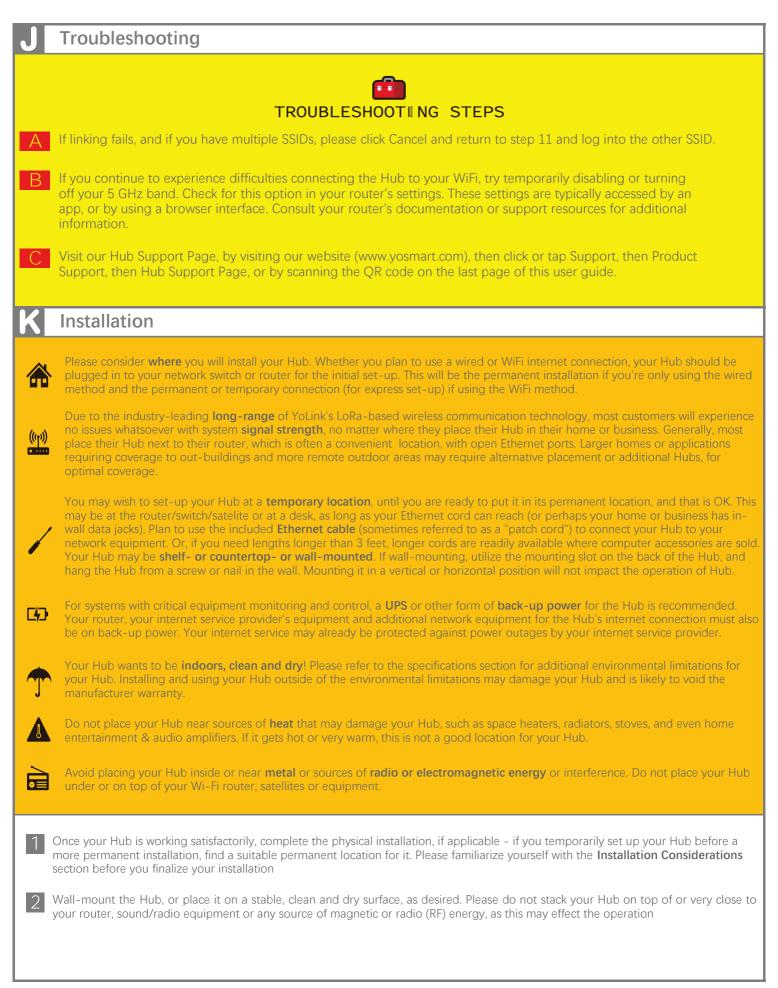
If prompted, grant access to your location. Tap Allow Once. (This is required for the next steps.)

←		
Enter WiFi Password		
Please select your WiFi, and enter the password You can also enter the SSID of the WiFi manually		
((•	Choose a Wi-Fi VanzoNet	
â	Password &	
	Continue	
Please	make sure your mobile stays connected to the device' hotspot	

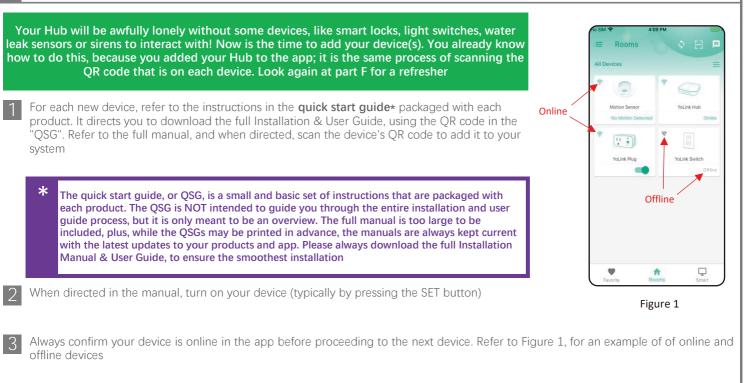


WiFi Set-up, Continued

	To check or edit Location Services on your phone:			
	ios:	Android:	lcons can vary by phone manufacturer	
	Go to Settings, tap Privacy, tap Location Services	Go to Settings, tap Location		
	Ensure Location Services is on/enabled	Ensure Location is On		
	Scroll down to and tap the YoLink app	Tap App Permissions		
	Select While Using the App	Scroll down to and tap the YoLink app		
	Enable Precise Location	Set permision to Allowed Only While in Us	se	
	Scroll down to and tap the YoLink app			
9	In your phone, open WiFi settings (Settings, WiFi)			
10	Identify your 2.4GHz network, if possible. If you recognize only one network as yours, this is the one you will use			
11	Select the appropriate network and log-in, if needed			
12	If your SSID is hidden, you must manually log into it on your phone, by selecting "Other" in Other Networks or Choose a Network			
13	Ensure the network is displayed in the Current WiFi SSID box. If not, click refresh			
14	Enter your Wi-Fi password in the Password box. Tap Continue			
15	As directed in the app, press and hold the Hub's SET button for 5 seconds, until the blue internet indicator on the top of the Hub blinks. The Hub is now in Linking Mode. Linking Mode will cease if no action is taken; please proceed to the next step right away			
16	In the app, click the " Please confirm above operation " chec "Connecting" screen will appear on the app, as shown in Figu			
17	Please wait until a Connected Successfully screen is displayed dual wired/wireless internet connection) or remove it. Click E		connected (for	



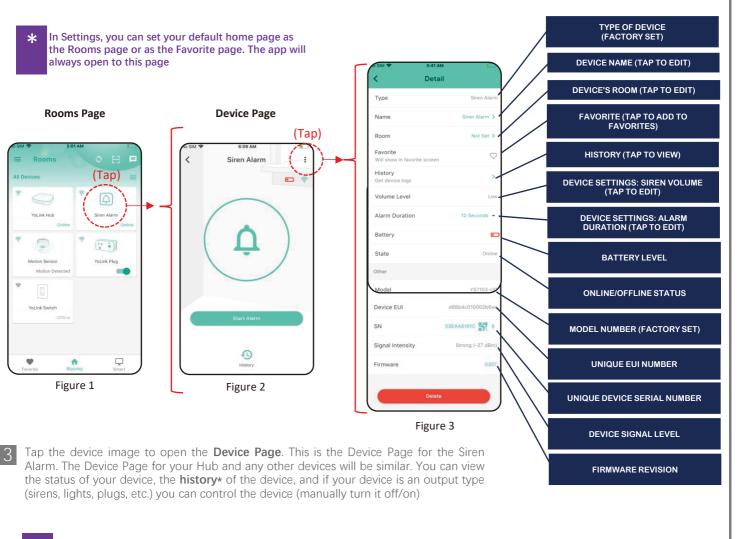
Adding Devices



Introduction to the App: Device Details

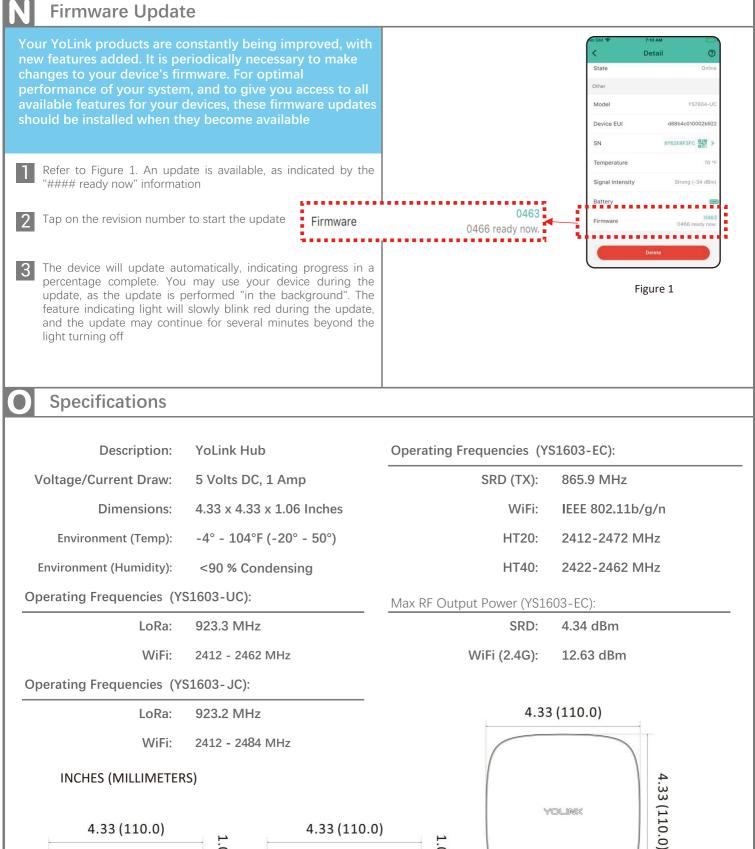
- 1 Immediately after opening the app for the first time, the app will give you a quick visual tour, highlighting and identifying the various areas of the app. Don't worry if the parts are not clear; they will be explained in detail later
- 2

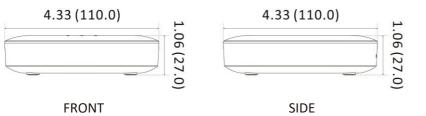
See Figure 1, below, for an example **Rooms** screen, which serves as the **default*** home screen for the app. Your Hub will appear on this page, along with any other devices you have bound



Please note, you can view the device's history (historical activity logs) from the Device Page (Figure 2) as well the Detail page (Figure 3). This information can be helpful for you to confirm your automations are working properly, as well as for troubleshooting when there is a problem

A Refer to Figure 2. Tap the 3 dots icon to access the **Detail Page**. Refer to Figure 3. To exit, tap the "<" icon. Any changes you made to the device name or settings will be saved





TO P

.

Warnings

Power the Hub with the provided adapter, only

The hub is designed and intended for indoor use and is not waterproof. Install indoors, avoiding subjecting the Hub to water or damp conditions

Do not install the hub inside or near metals, ferromagnetism or any other environment which may interface with the signal

Do not install the Hub near flames/fire or expose to high temperatures

Please do not use strong chemicals or cleaning agents to clean the hub. Please use a clean, dry cloth to wipe the hub to avoid dust and other foreign elements entering the Hub and affecting the operation of the Hub

Avoid allowing the hub to be exposed to strong impacts or vibration, which may damage the device, causing malfunctions or failure

FCC Statement

Product Name:	Responsible Party:	Telephone:
YoLink Hub	YoSmart, Inc.	(949) 825-5958
Model Number:	Address:	E-mail:
YS1603-UC, YS1603-UA	15375 Barranca Parkway, Ste J-107 Irvine, CA 92618, USA	service@yosmart.com

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

NOTE: 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 or more 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with mminimum distance between 20cm the radiator your body: Use only the supplied antenna.

CE Mark Warning

Product Name:	Responsible Party:	Telephone:
YoLink Hub	YoSmart, Inc.	(949) 825-5958
Model Number:	Address:	E-mail:
YS1603-EC, YS1603-EA	15375 Barranca Parkway, Ste J-107 Irvine, CA 92618, USA	service@yosmart.com

The host manufacturer has the responsibility that the host device should be compliance with all essential requirement of RER. This restriction will be applied in all member states. The simplified UK declaration of conformity referred shall be provided as follows: Hereby, YoSmart Inc. declare that the radio equipment type YoLink Hub is in compliance with Directive UK Radio Equipment Regulations (SI 2017/1206); UK Electrical Equipment (Safety) Regulation (SI 2016/1001); and UK Electromagnetic Compatibility Regulations (SI 2016/1091); The full text of the UK declaration of conformity is available at the following internet address: 15375 Barrance Parkway, Ste G-105 Irvine, CA 92618, USA

Warranty: 2 Year Limited Electrical Warranty

YoSmart warrants to the original residential user of this product that it will be free from defects in materials and workmanship, under normal use, for 2 years from the date of purchase. User must provide a copy of original purchase receipt. This warranty does not cover abuse or misused products or products used in commercial applications. This warranty does not apply to YoLink Hubs that have been improperly installed, modified, put to a use other than designed, or subjected to acts of God (such as floods, lightning, earthquakes, etc.). This warranty is limited to repair or replacement of the YoLink Hub only at YoSmart's sole discretion. YoSmart will NOT be liable for the cost of installing, removing, nor reinstalling this product. This warranty only covers the cost of replacement parts or replacement units, it does not cover shipping & handling fees. Please contact us, to implement this warranty (see Customer Support, below, for contact information)

Customer Support

We are here for you, if you ever need *any* assistance installing, setting up or using a YoLink product, including our app. Please email us 24/7 at **service@yosmart.com**, or you can use our online chat service, 24/7, by visiting our website, **www.yosmart.com**

Find additional support, information, video tutorials, and more, on our YoLink Hub Product Support page by visiting

https://shop.yosmart.com/pages/yolink-hub-product-support or by scanning the QR code.





15375 Barranca Parkway

Suite J-107

Irvine, CA 92618

IC Caution:

-English:

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

(1) This device may not cause interference, and

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

To maintain compliance with RSS-102 RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

-French:

Le présentappareilestconf orme aux CNR d' Industrie Canada applicables aux appareils radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareildoit accepter tout brouillageradioélectriquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement.

Pour être conforme aux lignes directrices d'exposition RF RSS-102, cet équipement doit être installé et exploité à une distance minimale de 20cm entre le radiateur et votre corps: n'utilisez que l'antenne fournie.