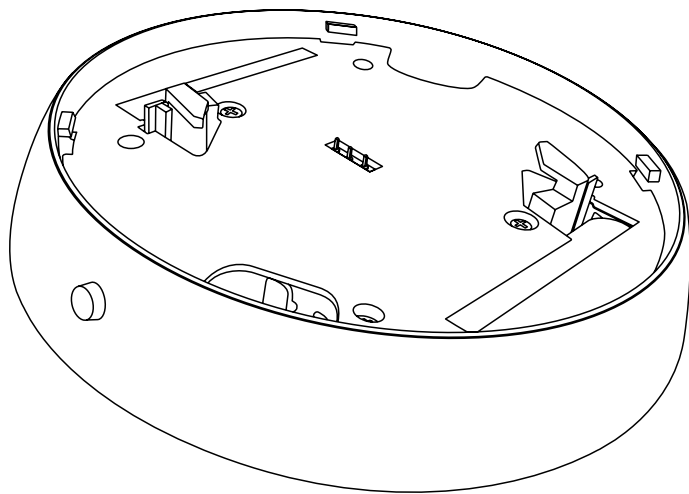


YOLINK

Wireless Communication Base

YS7A01-UC

Installation & User Guide

Rev 1.0

Thank you for purchasing YoLink products and for entrusting us with your smart home needs! Your 100% satisfaction is our goal. If you experience any problems with setting up your new YoLink Wireless Communication Base, please give us a chance to assist you, before returning your purchase.

We at Customer Support are here for you. If you need any assistance installing, setting up or using a YoLink product or our app.



Find additional support and ways to reach us at:

www.yosmart.com/support-and-service

Or scan this QR code with your smartphone



Email us, 24/7 at:

service@yosmart.com



Call us, 9AM to 5PM Pacific Standard Time at:

(949) 825-5958



You may chat with us on Facebook (non-urgent matters):

www.facebook.com/YoLinkbyYoSmart

Sincerely,

Queenie, Clair, James, Eric

Customer Support Team

Contents

A. In the Box	1
B. Introduction	2
C. Set Up	4
D. Installation (<i>With Detector Head</i>)	6
E. Using the YoLink App (<i>With Detector Head</i>)	7
F. About YoLink Control (<i>With Detector Head</i>)	14
G. Maintenance	18
H. Specifications	20
I. Troubleshooting	21
J. Warning	22
K. Customer Service & Warranty	23

Revised: 07/29/2021

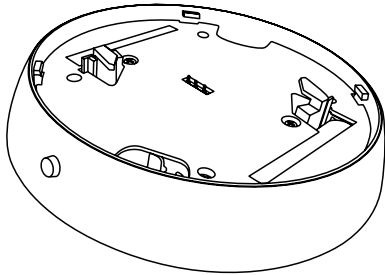
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A. In the Box

A. Wireless Communication Base

B. Quick Start Guide

A.



B.



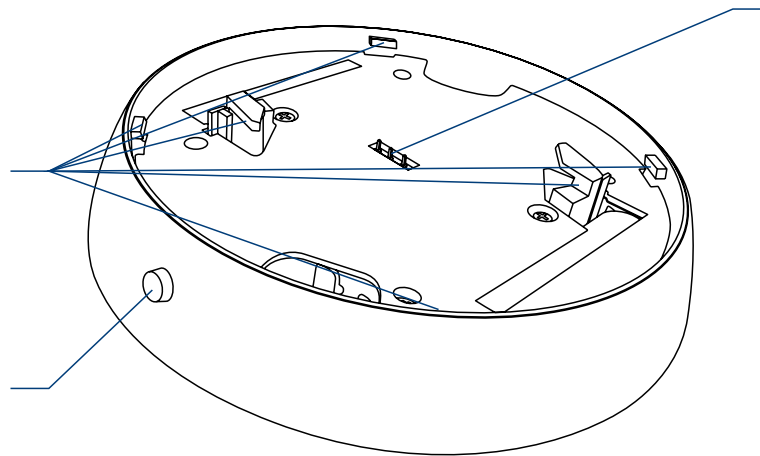
B. Introduction

The YoLink Wireless Communication Base, works with a detector head (ANKA Smoke & CO Alarm, model: AJ-939/AJ-933/AJ-938). Used in conjunction with the Smoke & CO Alarm, it converts the Smoke & CO Alarm into a smart alarm device. Add the Wireless Communication Base to the YoLink app, you can monitor the real-time status of smoke and carbon monoxide in the detection area, and you can check the historical alarm record (including type, date and time) via the app. When smoke or carbon monoxide is detected, it may be used as a trigger for custom automations (for example, turn off a gas valve when carbon monoxide is detected), as well as to initiate smartphone alerts and notifications based on your preferences.

Fixed Latches

Smoke & CO Alarm can be inset by latches fixed in the Wireless Communication Base

SET Button and Status LED



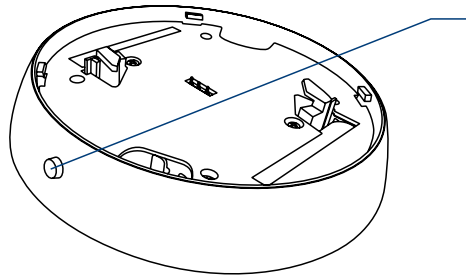
Connect Pins

Connect the Wireless Communication Base with the Detector Head



Please refer to the instructions for the ANKA Smoke & CO Alarm (AJ-939) (packaged with the detector)

The LED light indicates the current status of the wireless communication base:



Blinking Red Once, then Green Once

Device turned on



Blinking Red And Green Alternately

Restoring to Factory Defaults



Blinking Green

Connecting to Cloud



Fast Blinking Green

Establishing Connection with YoLink System (YoLink Control)



Slow Blinking Green

Updating



Blinking Red Once

Device is connected to the cloud and is functioning normally



Fast Blinking Red

Removing Connection to YoLink System (YoLink Control)



Fast Blinking Red Every 30 Seconds

Battery is Low, Please Replace Your Wireless Communication Base

C. Set Up

C-1. Set Up - First-Time YoLink Users *(Existing users proceed to C-2. Add Device, next page)*

- 1 Download the YoLink app through Apple App Store or Google Play Store (Search in the store or use the QR code on the right)



Available on the
App Store



Google Play



Apple iPhone or tablet that is iOS 9.0 or higher, or an Android phone or tablet that is Android 4.4 or higher

- 2 Log in to the YoLink app



Create a new account
if required

Username

Password

Forgot Password?

SIGN IN

[Sign up for an account](#)



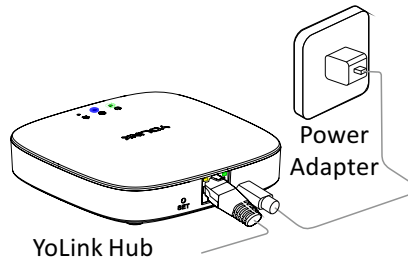
1. Make sure your Hub is connected to the internet (green LED indicator is blinking, blue LED indicator is always on)

2. Ethernet patch cable (included) to your network (router, switch, etc.), recommended. Otherwise connect your Hub to your home 2.4 GHz Wi-Fi network (only when necessary). Refer to the Hub set up manual for more information:



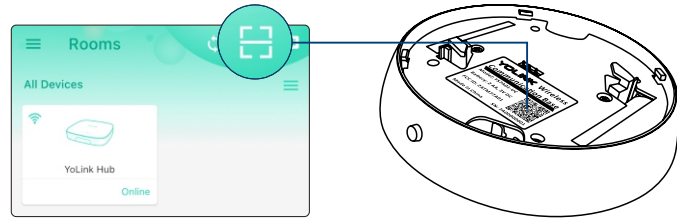
YS1603-UC
User Guide

- 3 The YoLink Hub is required to set up your Wireless Communication Base. Please set up your YoLink Hub first (refer to YoLink Hub manual)

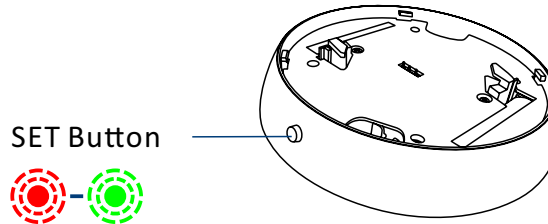


C-2. Add Device

- 1 Tap “” button, then scan QR Code on the device. Follow the steps to add the device



- 2 Press the SET button once to turn on the device. The Status LED will blink red once, then green several times, indicating your device has connected to the cloud and is ready to use



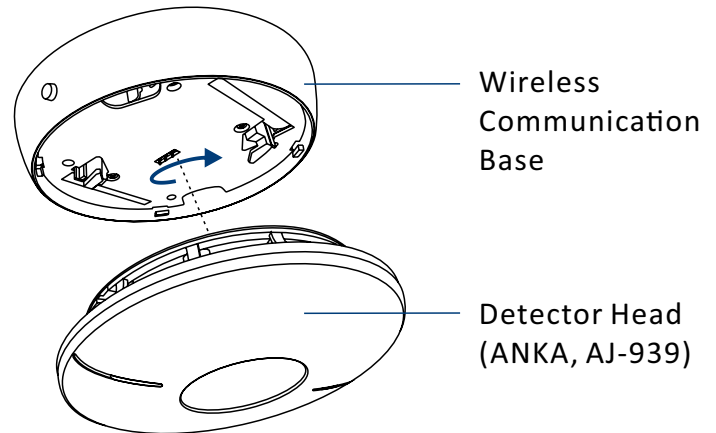
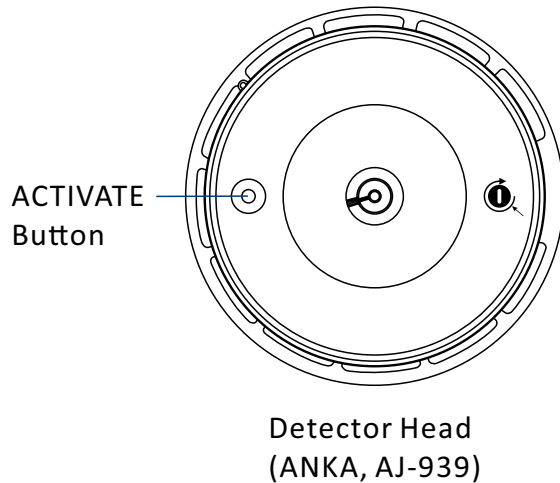
1. You will need to press the SET button once again if the device failed to connect to the cloud
2. Pressing the SET button at any other time after this initial process will result in the LED blinking red once, only. This indicates the device is connected to the cloud and is functioning normally
3. If the red LED does NOT blink as noted this may indicate a problem with the relay. Please see the troubleshooting section and the contact section for technical support

D. Installation (*With Detector Head*)

1. Please refer to the installation manual packaged with the detector head (ANKA Smoke & CO Alarm, AJ-939) to complete the installation of your Smoke & CO Alarm

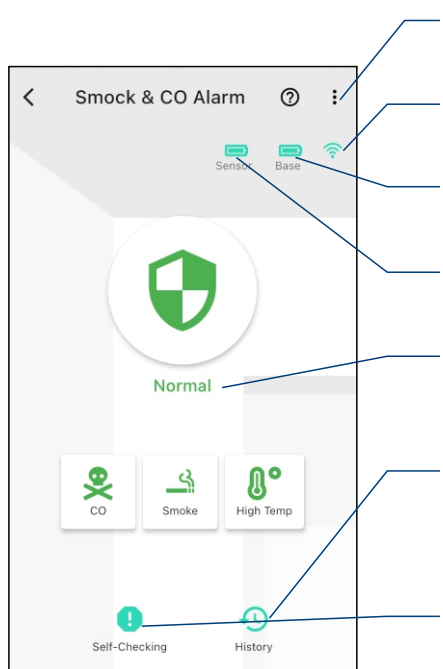


2. Press down the ACTIVATE button on the bottom of Detector Head until the button be locked to activate the detector head first before you connect the detector head to the wireless communication base



E. Using the YoLink App (*With Detector Head*)

E-1. Device page



The screenshot shows the 'Smock & CO Alarm' device page in the YoLink app. The page features a large green shield icon with a white 'N' inside, labeled 'Normal'. Below this are three status cards: 'CO' (skull and crossbones icon), 'Smoke' (flame icon), and 'High Temp' (thermometer icon). At the bottom are 'Self-Checking' and 'History' buttons. Callouts point to various icons and settings:

- Details**
- Tap to go to Details page (refer to page 8 & 9)
- Connection Status**
of smoke & CO alarm and Hub
- Current Battery Level of Communication Base**
- Shown red if battery level is low
- Battery Level of Detector Head: High or Low**
- Shown red if battery level is low
- Real-time Status of Smoke & CO Alarm:** Normal or smoke and (or) CO alarm and (or) extremely high temperature warning or detector head failed
- Device History**
Smoke alarm; CO alarm; extremely high temperature warning and self-test history (self-test passed or failed), detector head failed, logged with date and time
- Auto Self-Test Schedule**
Schedule regular automatic detector head self-tests (weekly or monthly)



After changing “Self-Checking” settings, press the device’s SET button once, to sync the new settings to the device. Otherwise, the device will automatically update within 4 hours (maximum)

E-2. Details page-1

< Details ?

Type Smock & CO Alarm

Name Smock & CO Alarm >

Room 7A01 >

Favorite Will show in favorite screen

History Get device logs >

Alert ☒

Alert Interval Continuous Alert Interval 2 minutes >

Time 4/6/2021 16:14:29 Sync With Mobile >

State Normal

Other

a. Device Type

b. Rename the Device

c. Choose a Room for device

d. Add/Remove from favorites

e. Device History

Smoke alarm; CO alarm; extremely high temperature warning and self-test history (self-test passed or detector head failed or failed to communicate with the detector head), logged with date & time

f. Alert settings

- Enable or disable alerts

g. Alert interval

- Set re-notification interval after an alert (smoke or CO detection, extremely high temperature warning). Default is 2 minutes

h. Device time

- Tap to sync with mobile

i. Real-time Status: Normal, Warning, Detector Head Failed



After changing “Alert Interval” settings, press the device’s SET button once, to sync the new settings to the device. Otherwise, the device will automatically update within 4 hours (maximum)

E-2. Details page-2

The screenshot shows a mobile app interface for a 'Details' page. At the top is a teal header with a back arrow, the title 'Details', and a help icon. Below the header are several rows of information:

- State:** Normal
- Other:** (empty field)
- Model:** YS7A01-UC
- Device EUI:** d88b4c0100032ebd
- SN:** 29A81B2D05, with a QR code and a right arrow icon.
- Temperature:** 82 °F
- Signal Intensity:** Strong (-50 dBm)
- Battery:** A green battery level indicator.
- Firmware:** 0104
- Delete:** A red button at the bottom.

Blue lines connect the following fields to labels on the right:

- Model to 'j. Device Model'
- Device EUI to 'k. Device EUI (unique)'
- SN to 'l. Device SN (unique)'
- Temperature to 'm. Temperature value'
- Signal Intensity to 'n. Connection Signal Status'
- Battery to 'o. Current Battery Level'
- Firmware to 'p. Firmware Version'
- Delete button to 'q. Remove Device From Current Account'

j. Device Model

k. Device EUI (unique)

l. Device SN (unique)

m. Temperature value

- Updates when:

1. SET button pressed
2. On a device alert
3. Automatically within 4 hours maximum

n. Connection Signal Status of wireless communication base and Hub:
Strong; Good; Weak

o. Current Battery Level

- Shown red if battery level is low

p. Firmware Version

- "#### ready now" indicates a new update is available (refer to page 17)

q. Remove Device From Current Account

- Tap to delete the device from your YoLink account

E-3. Device Alarms

- Device alarms with sounds and notifications when both or either of the following condition is met



Smoke Detected
Temporal 3 Tone (Tone
3 times, pause, repeat)

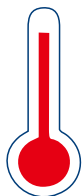


Carbon Monoxide Detected
Temporal 4 Tone (Tone
4 times, pause, repeat)

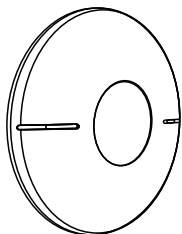


Please refer to the instructions
for the ANKA Smoke & CO Alarm
(AJ-939) (packaged with the
detector)

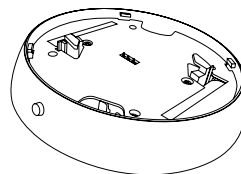
- Device alerts with notifications when either of the following condition is met



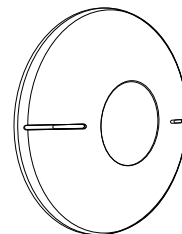
Extremely High
Temperature
Exceeding
135°F (57°C)



Detector Head
Failed



Wireless
Communication
Base Battery is Low



Detector Head
Battery is Low



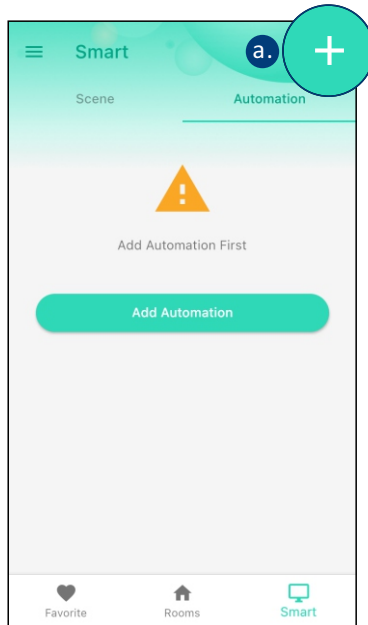
You will need to replace the wireless communication base if battery is low, and you will need to replace the detector head if battery is low

E-4. Automation (Set Up Rules For “If This Then Do That”)

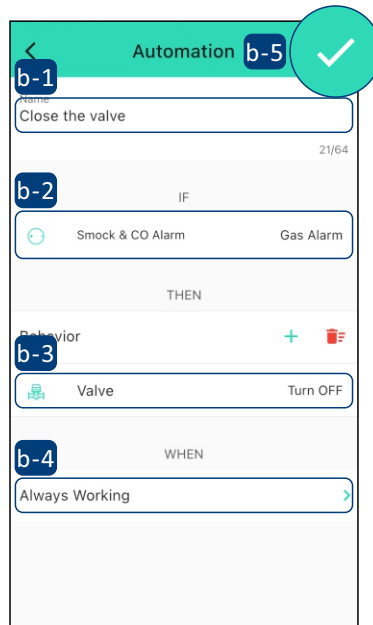
- Go to the “Smart” screen, tap “Automation”



Wireless Communication Base can be set as a trigger only, with three trigger options: Smoke Alarm; CO Alarm; Extremely High Temperature Alarm



- a. Tap the “+” icon to add an automation



- b. Add an automation

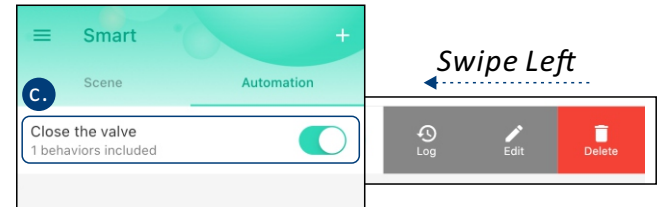
b-1 Edit name

b-2 Edit trigger

b-3 Edit behavior (*You must have at least one action device, or you cannot set a behavior*)

b-4 Edit when (*Set a time range for the automation: always or during specific days or times*)

b-5 Tap to save the settings



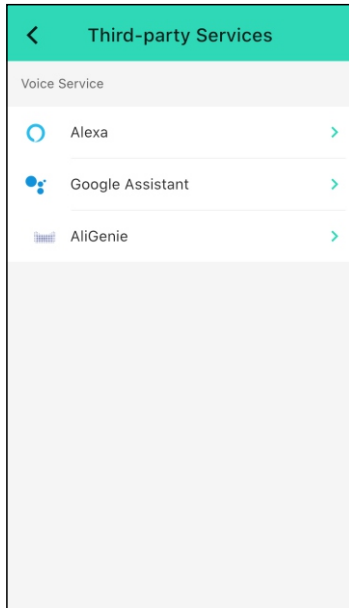
- c. Click to edit the automation

1. Tap “” button to enable or disable the automation
2. Swipe left to view the history logs and to edit or delete the automation

E-5. Voice Assistants *(Under Developing, Not Support Now)*

Connect YoLink with third-party voice assistants to monitor the status of your devices through voice commands

- Tap “☰” in the upper left corner to go to My Profile
- Go to **Settings > Voice Assistants** for the applicable voice assistant integration guide



YoLink Wireless Communication Base is integrated with Google Assistant, and is also integrated with **IFTTT.com** (works as a trigger device using IFTTT)

F. About YoLink Control (With Detector Head)

YoLink *Control* is our unique device-to-device control technology. Using YoLink *Control*, YoLink devices can be controlled without the Hub or an internet connection. (Use of YoLink *Control* is optional; you can use the Automation feature in the app OR use YoLink *Control*, but YoLink *Control* offers the benefit of operation without the Hub or internet connection.)

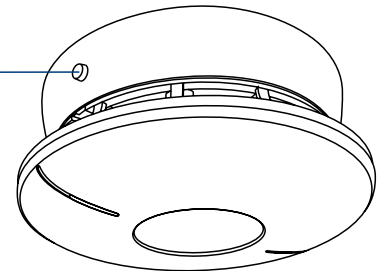
One device controls another, directly. A device that sends out commands is called the controller. A device that receives the commands is called the responder. Examples of a controller are a Door Sensor or Wireless Communication Base, while examples of a responder are another Gas/Water Valve Controller or a Siren Alarm

The YoLink Wireless Communication Base can only work as the controller in YoLink *Control*

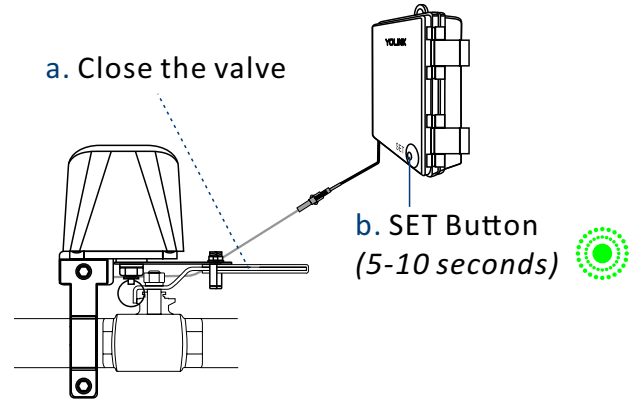
F-1. Pairing

- 1 To configure your YoLink Wireless Communication Base as a controller, press and hold the SET button for 5-10 seconds until the LED quickly blinks green, then, release the button

SET Button
(5-10 seconds)



- 2 To configure a Gas/Water Valve Controller as the responder, ensure the Gas/Water Valve Controller has already been bound to the YoLink app. Using the app, CLOSE the valve (verify the valve is shown to be Closed on the app, or press the Close button if it is shown as Open) (FOR GAS VALVE CONTROL). Press and hold the SET button for 5-10 seconds until the LED quickly blinks green, then, release the button



Refer to the Gas/Water Valve Controller manual for more information:



YS4909-UC
Gas/Water Valve
Controller

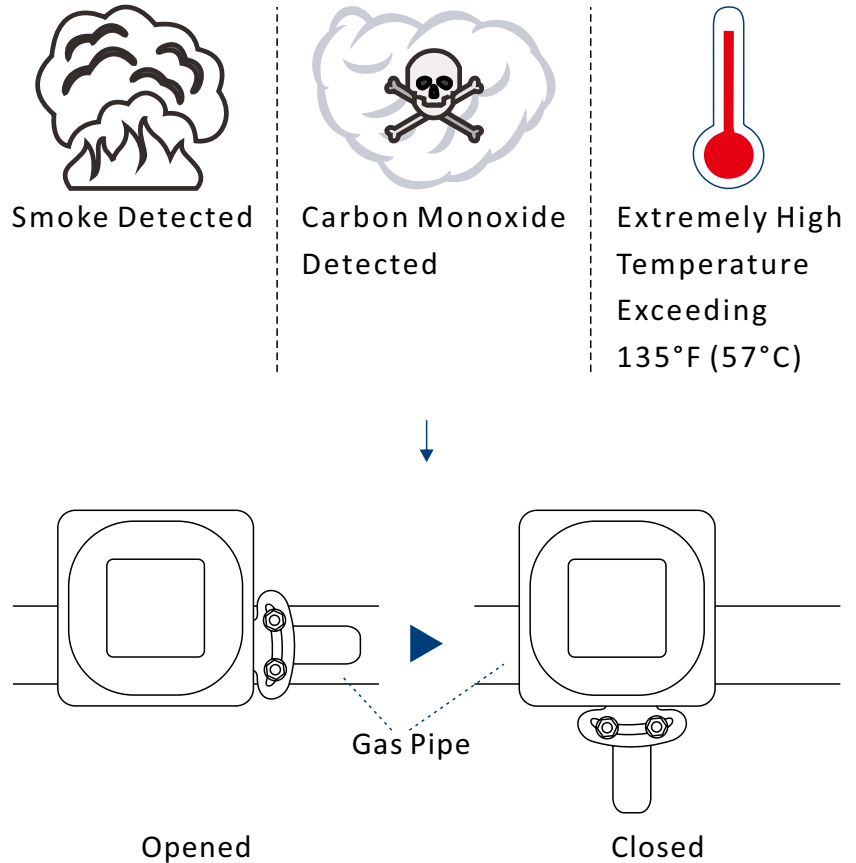
- 3 Upon pairing, the LED will stop blinking (this may happen after only blinking two or three times)



1. If you want to open the Gas/Water Valve Controller when the smoke & CO alarm activates (FOR WATER VALVE CONTROL ONLY), open the Gas/Water Valve Controller first, and let it enter pairing mode
2. For the same YoLink Wireless Communication Base and Gas/Water Valve Controller, you can only choose to either open or close the Gas/Water Valve Controller when the smoke & CO alarm activates

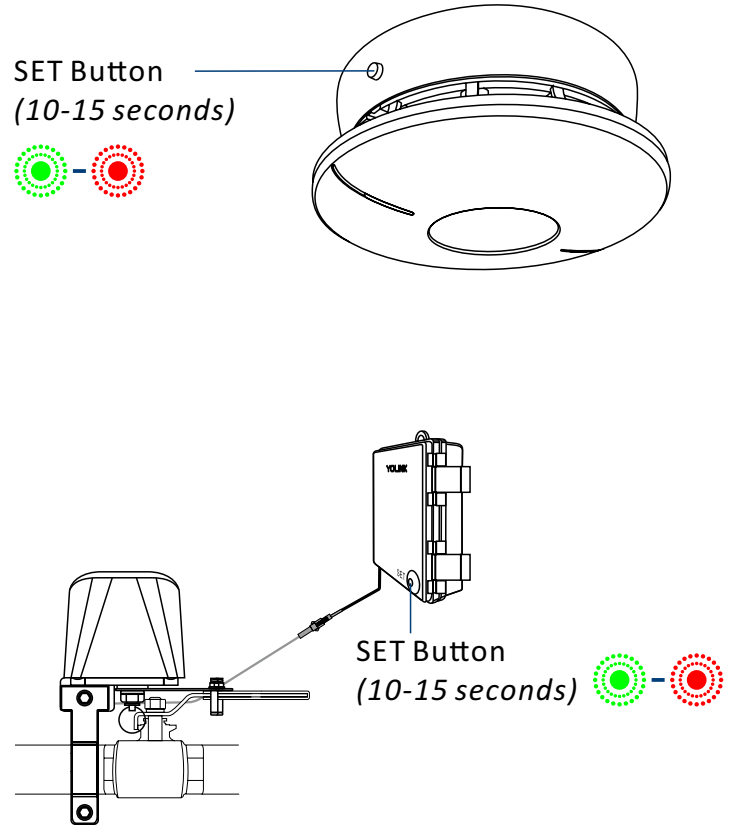
Operation

- When the smoke & CO alarm activates (SMOKE ALARM/ CO ALARM/ EXTREMELY HIGH TEMPERATURE ALARM), the YoLink Gas/Water Valve Controller will now immediately close the valve. The valve will remain closed until opened via the app or using the SET button; the restoral of the smoke & co alarm to normal (no smoke / CO / extremely high temperature detected) does not open the valve
- More advanced sequences, controlling multiple outputs (e.g. open valve and activate siren) are available via the YoLink app



F-2. Unpairing

- ① At the Wireless Communication Base (controller), press and hold the SET button for 10-15 seconds until the LED quickly blinks green, then red, then, release the button
- ② At the Gas/Water Valve Controller (responder, either open or closed), press and hold the SET button for 10-15 seconds, until the LED quickly blinks green, then red, then, release the button
- ③ Upon un-pairing, either the Wireless Communication Base LED or the Gas/Water Valve Controller LED will stop blinking
- ④ The Gas/Water Valve Controller will no longer respond when the smoke & CO alarm activates

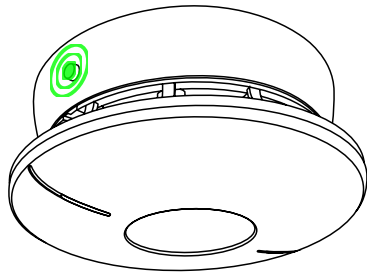


G. Maintenance

G-1. Firmware Update

To ensure our customers have the best user experience, we highly recommend you update to the newest version firmware when an update is available

- In “Firmware”, if a new version is listed as available (#### ready now), click it to start the firmware update process
- The device's firmware will be updated automatically within 4 hours (maximum). To force an immediate update, press the SET button on the device once to make the device enter update mode
- You may use your device during the update as it is performed in the background. The LED light will slowly blink green during the update and the process will be complete within 2 minutes after the light stops blinking

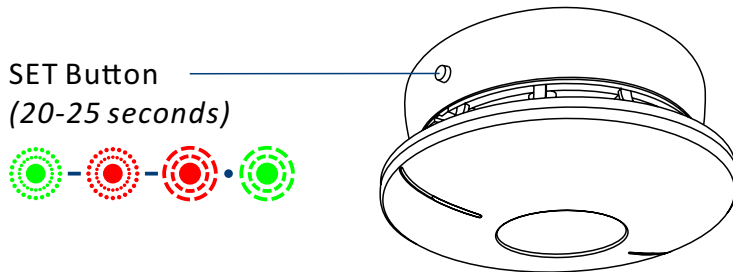


Details	
State	Normal
Other	
Model	YS7A01-UC
Device EUI	d88b4c0100032ebd
SN	29A81B2D05  >
Temperature	82 °F
Signal Intensity	Strong (-50 dBm)
Battery	
Firmware	0104 0105 ready now
Delete	

G-2. Factory Reset

Factory reset will erase all of your settings and restore it to factory defaults (Removes access network information and YoLink *Control* settings). After the factory reset, your device will remain in your YoLink account

- Hold the SET button for 20-25 seconds until the status light blinks red and green alternately, then, release the button (*Hold the SET button longer than 25 seconds will ABORT the factory reset operation*)
- Factory reset will be complete when the status light stops blinking



H. Specifications

Input Voltage:	3V DC (2 - AA lithium/Alkaline Non-rechargeable battery)
Battery Life:	10 years
Device Current Draw:	$\leq 135\text{mA}$ (working), $\leq 5\mu\text{A}$ (standby)
Detection Contents:	Smoke; carbon monoxide; temperature
Temperature Value Accuracy:	1 ($^{\circ}\text{F}/^{\circ}\text{C}$)
Detection Temperature:	-4°F - 122°F , $\pm 3.6^{\circ}\text{F}$ (-20°C - 50°C , $\pm 2^{\circ}\text{C}$)
Dimensions:	$\Phi 4.80 \times 0.87$ inches ($\Phi 122 \times 22$ millimeters)
Environment:	Temperature: -4°F - 122°F (-20°C - 50°C) working Humidity: $\leq 95\%$ non-condensing

I. Troubleshooting

Symptoms:

1. Device is offline

- If base is not connected to the cloud, press the SET button on the communication base once
- If Hub is offline, reconnect the Hub to the Internet and press the SET button on the communication base once
- If Hub is not on, power on the Hub again and press the SET button on the communication base once
- If base is out of range with Hub, relocating the base or Hub may be required
- For a device with low-battery indicators or alerts or if the condition of the batteries is in question, please replace the communication base

2. Other issues, contact customer service, **1-949-825-5958 (M-F 9am - 5pm PST)**

J. Warning

- Please install, operate and maintain the Wireless Communication Base only as outlined in this manual. Improper use may damage the unit and/or void the warranty
- Do not install or use this device outside of the temperature and humidity range listed in the Environmental section in Specifications, on page 20
- Do not install or use this device where it will be subjected to high temperatures and/or open flame
- Install or use this device only in clean environments. Dusty or dirty environments may prevent the proper operation of this device, and will void the warranty
- This device is not waterproof and is designed and intended only for indoor use. Subjecting this device to outdoor environment conditions such as direct sunlight, extreme hot or cold temperatures, rain, water and/or condensation can damage the device and will void the warranty
- Install or use this device only in clean environments. Dusty or dirty environments may prevent the proper operation of this device, and will void the warranty
- If your Wireless Communication Base does get dirty, please clean it by wiping it down with a clean, dry cloth. Do not use strong chemicals or detergents, which may discolor or damage the exterior and/or damage the electronics, voiding the warranty
- Do not install or use this device where it will be subjected to physical impacts and/or strong vibration. Physical damage is not covered by the warranty
- Please contact Customer Service before attempting to repair, disassemble or modify the device, any of which can void the warranty and permanently damage the device

If you have any difficulties installing or using your Wireless Communication Base, please contact our Customer Service department during business hours:

US Live Tech Support: **1-949-825-5958** M-F 9am - 5pm PST

Email: **service@yosmart.com**

YoSmart Inc. 17165 Von Karman Avenue, Suite 105, Irvine, CA 92614

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 wireless communication bases 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 wireless communication base only at YoSmart's sole discretion. YoSmart will NOT be liable for the cost of installing, removing, nor reinstalling this product, nor direct, indirect, or consequential damages to persons or property resulting from the use of this product. This warranty only covers the cost of replacement parts or replacement units, it does not cover shipping & handling fees

To implement this warranty please give us a call during business hours at 1-949-825-5958, or visit www.yolink.net

FCC Statement

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

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
- 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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

“To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.”