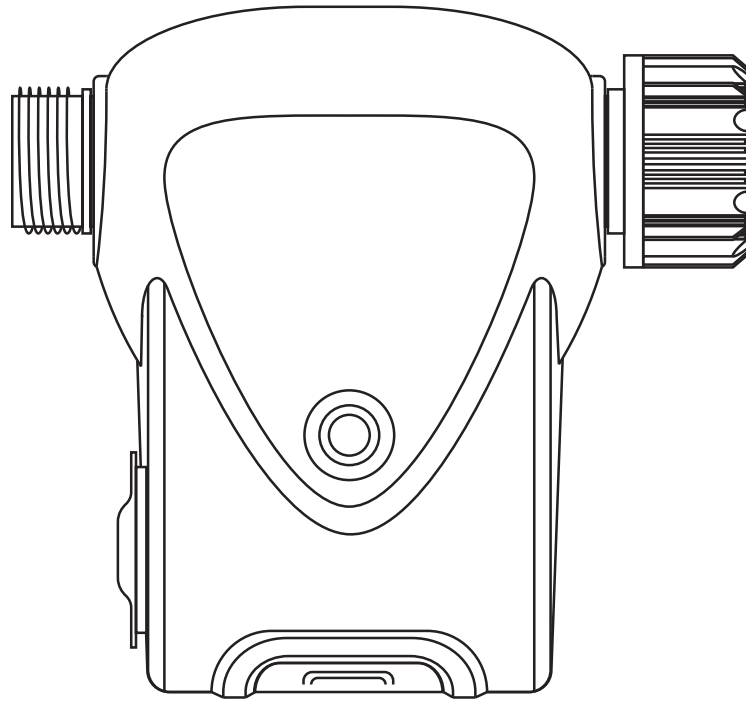




Smart Sprinkler Timer

YS4103-UC



Installation & User Guide

Revision Nov. 11, 2025

TABLE OF CONTENTS

A . Welcome!	01
B . Before You Begin	02
C . In the Box	04
D . Get to Know Your Sprinkler Timer	05
E . Install the App	06
F . Add Your Sprinkler Timer to the App	07
G . Installation and Power Up	09
H . App Functions: Device Screen	13
I . App Functions: Device Details Screen	15
J . App Functions: Schedule	17
K . App Functions: Timer	18
L . App Functions: Alarm Strategy Screen	19
M . App Functions: Automation	21
N . Control-D2D	22
O . Factory Reset	25
P . Firmware Update	26
Q . Specifications	27
R . Warnings	29
S . Warranty	31
T . FCC Statement	32
U . Contact Us	34

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!

YoLink Customer Support

User Guide Conventions

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

B Before You Begin

Visit our Smart Sprinkler Timer support page on our website, for the latest installation guides, additional resources, information and videos by visiting:

<https://www.yosmart.com/support/YS4103-UC>

Or by scanning the QR code:



Download the most current version of the user guide by scanning the QR code:



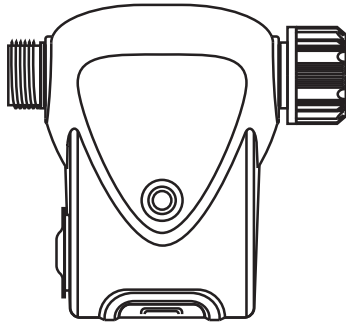
B Before You Begin, Continued



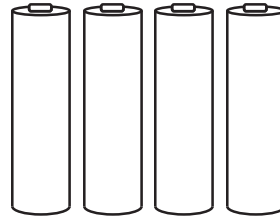
Your Smart Sprinkler Timer connects to the internet via one of our hubs, and it does not connect directly to your WiFi or local network. In order for remote access to the device from the app, and for full-functionality, a hub is required. This guide assumes the YoLink app has been installed on your phone, and a YoLink Hub or SpeakerHub is installed and online.

If installing the Smart Sprinkler Timer, please refer to the environmental range information in the specifications found on the Smart Sprinkler Timer product support page. While this product can be installed outdoors, to ensure years of trouble-free operation, it should be protected from rain and direct sunlight by an enclosure or overhead cover.

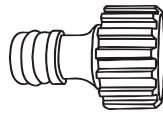
C In the Box



Sprinkler Timer



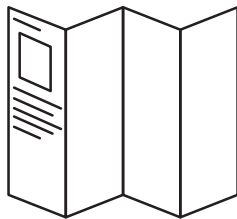
4 x AA Batteries (Pre-Installed)



Water Outlet Connector



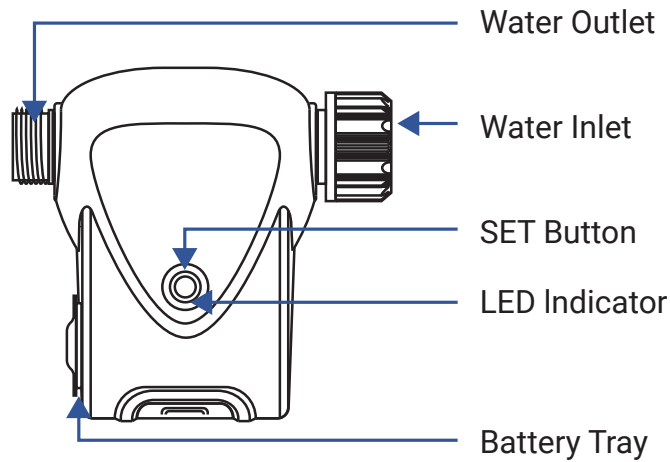
3/4 Inch to 1/2 Inch Connector



Water Outlet Connector



Get to Know Your Smart Sprinkler Timer



LED Behaviors



Blinking Red Once, Then Green Once
Device Start-Up



Quick Blinking Green
Control-D2D Pairing in Progress



Blinking Red And Green Alternately
Restoring to Factory Defaults



Quick Blinking Red
Control-D2D Unpairing in Progress



Blinking Red Once
Stop Watering



Slow Blinking Green
Updating



Blinking Green Once
Start Watering



Fast Blinking Red 5 Times when pressing the SET Button
Low Battery, Replace Batteries Soon

E 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
6.0 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.

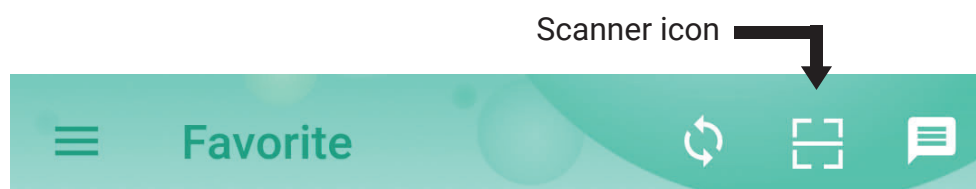
Log in to the app using your new username and password.

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.

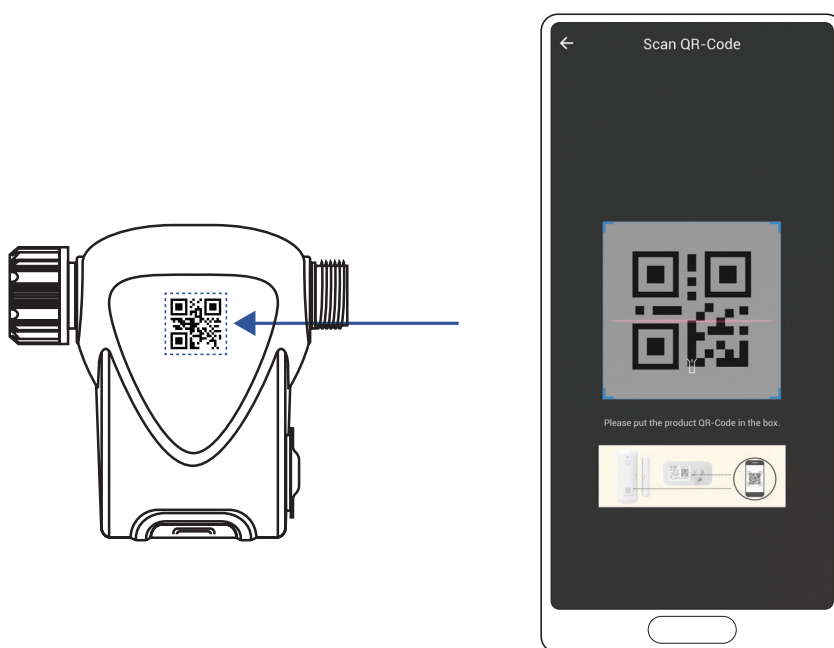


Add Your Smart Sprinkler Timer to the App

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.



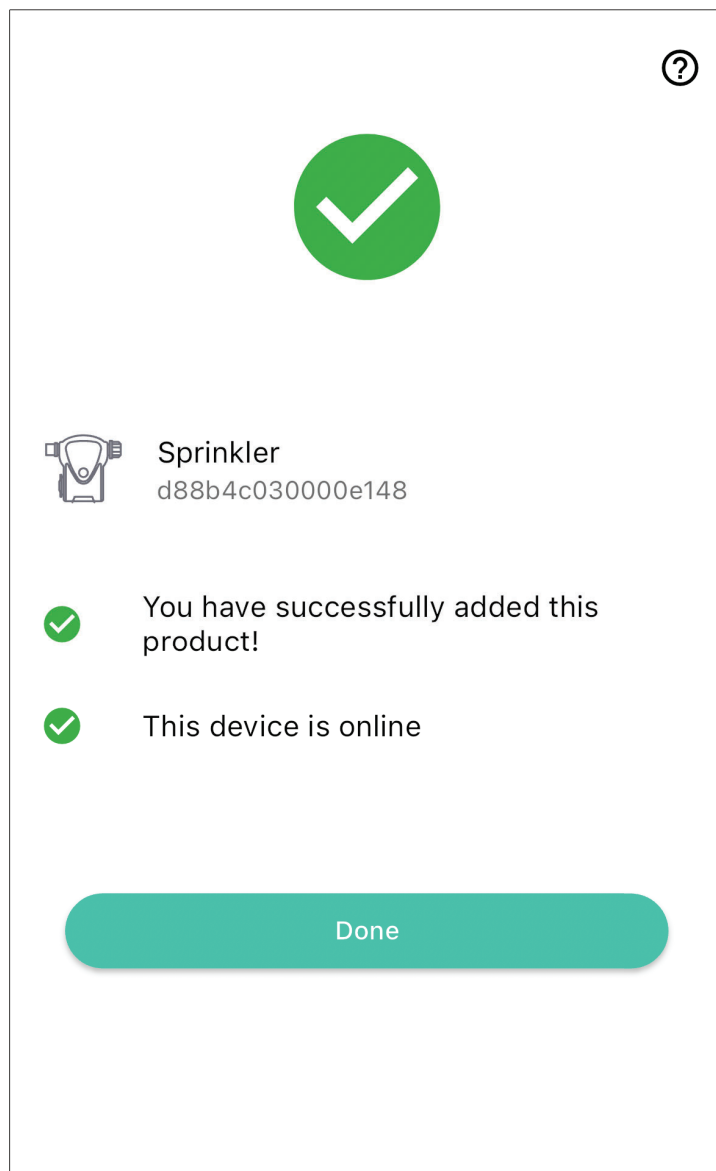
3. Hold the phone over the QR code so that the code appears in the viewfinder. If successful, the **Add Device** screen will be displayed.

F

Add Your Smart Sprinkler Timer to the App, Continued

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

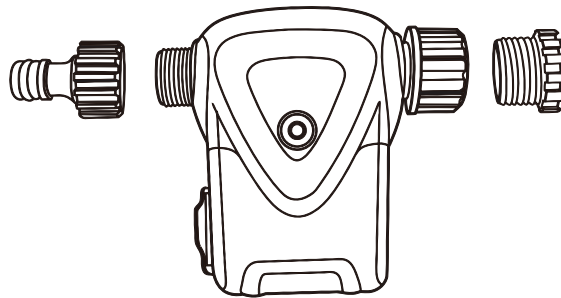
5. If successful, the screen will appear as shown. Tap **Done**.



G Installation and Power Up

1. Before Installation

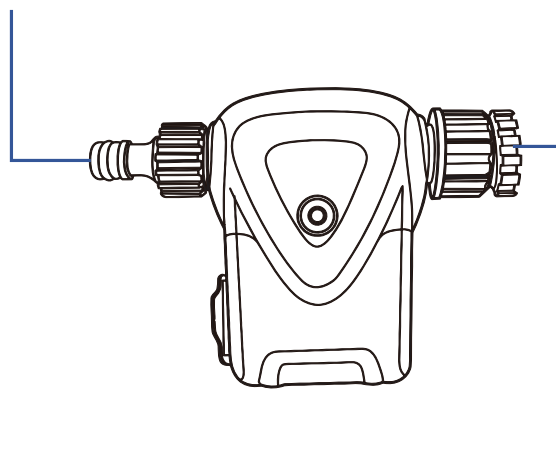
The two connectors supplied with the timer are already compatible with most garden taps and hoses in North America. If your plumbing setup is different, please purchase the appropriate connectors before you begin.



2. Installation Steps

① Assemble the timer and connectors exactly as shown in the diagram.

Water Outlet Connector

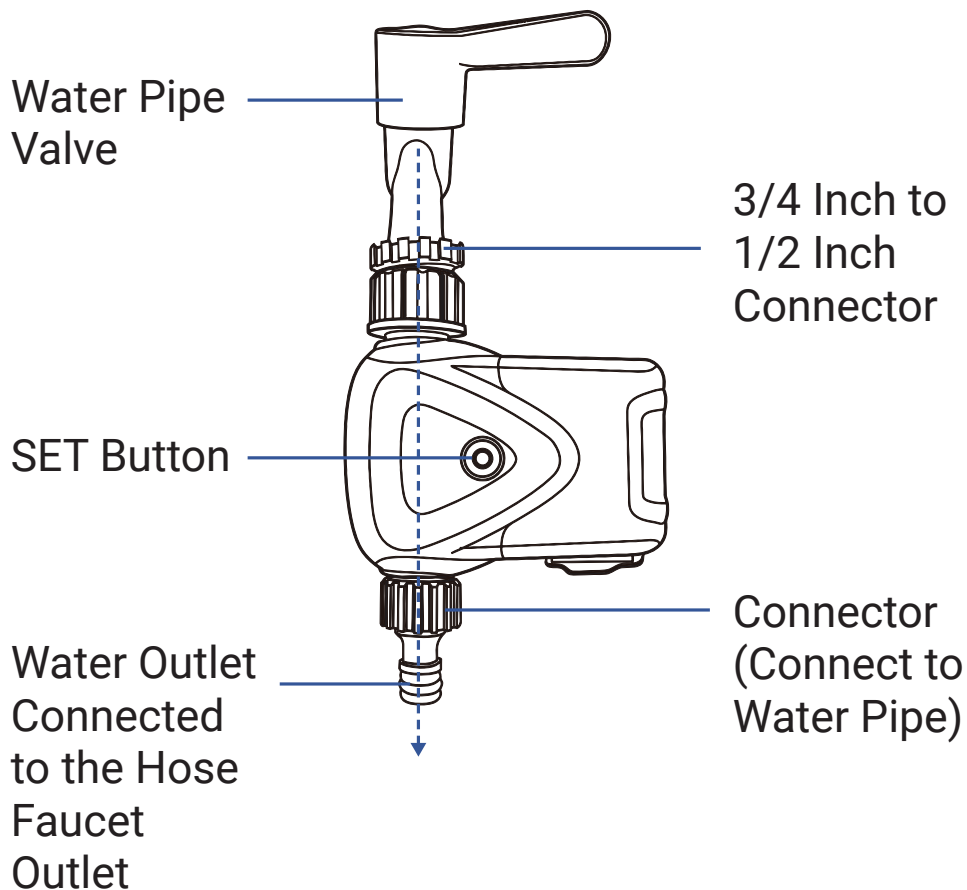


3/4 Inch to 1/2 Inch Connector



Installation and Power Up, Continued

② Shut off the water supply and screw the assembled timer onto the faucet. Hand-tighten until the washer seats firmly.



③ Turn the water back on, press the SET button to power up the timer, and—once it appears online—use the app to set your desired watering parameters.



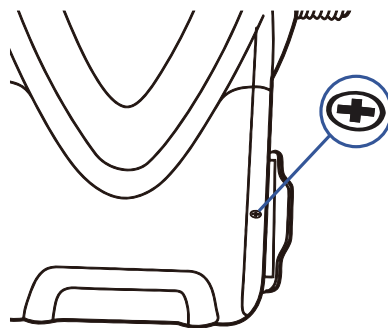
Installation and Power Up, Continued

3. Battery Replacement

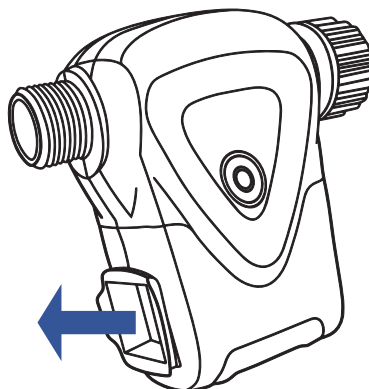


- ① Insert four (4) AA alkaline batteries and align each “ + ” end with the “ + ” mark inside the tray.
- ② When sliding the tray back in, keep the spring contacts on the same side as the SET button / Status LED; this ensures correct orientation and reliable contact.

(1) Remove the screw



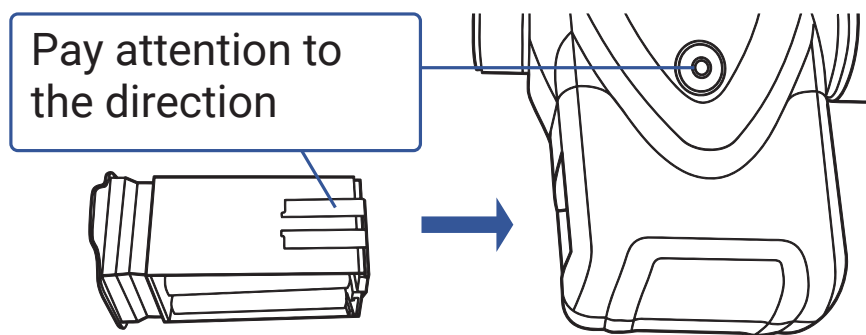
(2) Slide out the battery tray





Installation and Power Up, Continued

(3) Replace 4xAA battery, slide the tray back in, re-install and tighten the screw



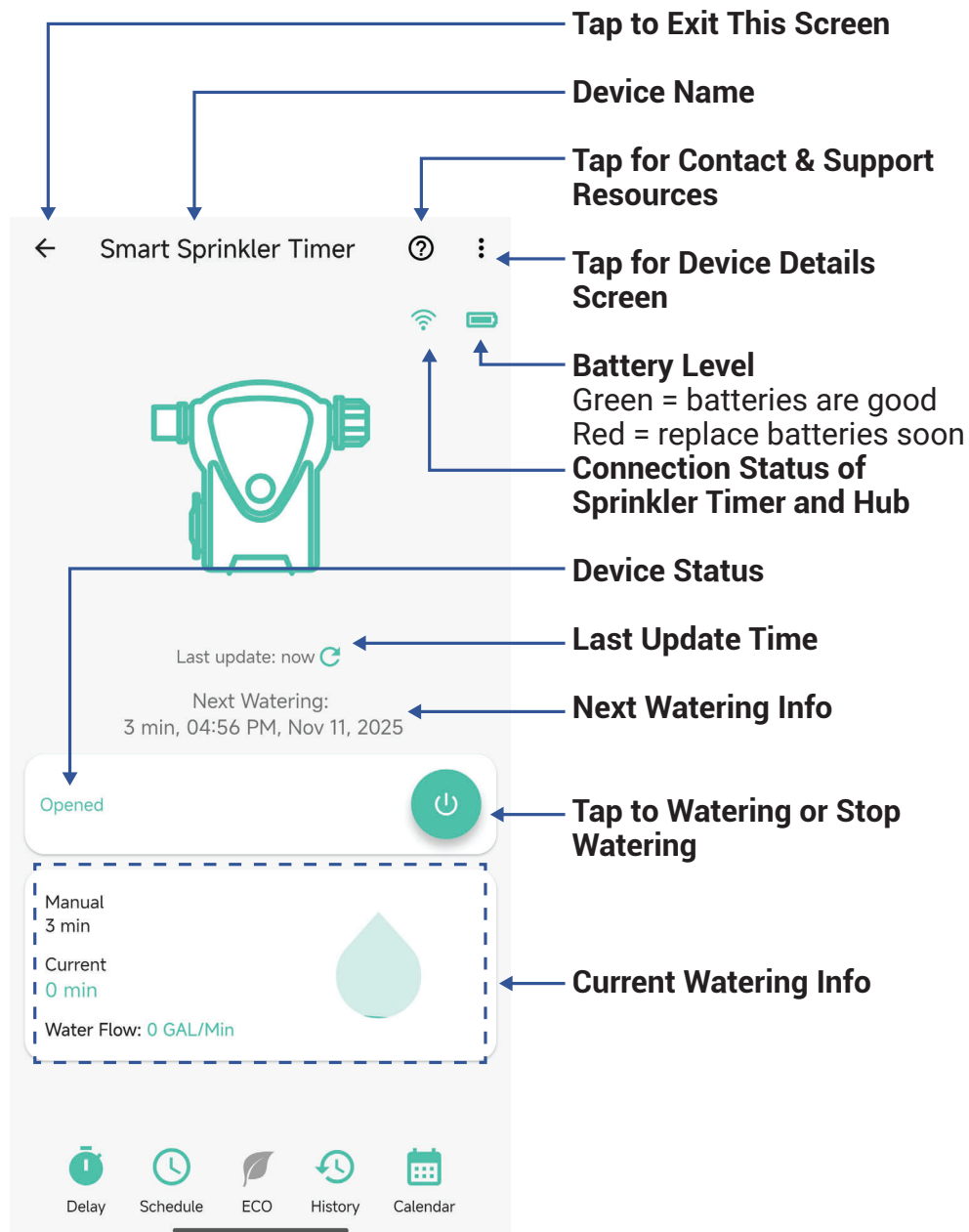
(1) Pay attention to the direction of the water inlet/outlet during installation and do not reverse it.

(2) Keep the product away from fire and heat sources. Do not expose products containing batteries to excessive heat (e.g., from storage in direct sunlight, fire).

(3) Do not place magnetic materials near the equipment.

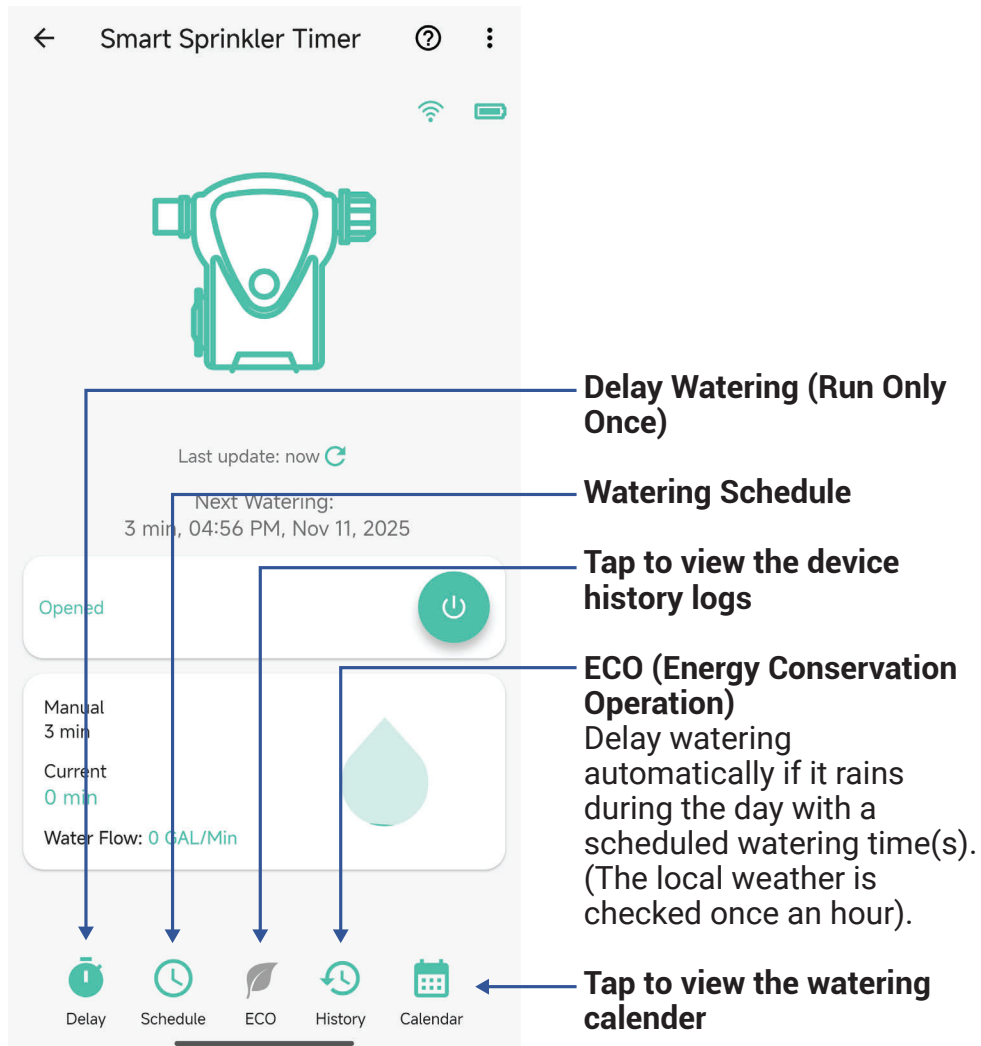
H App Functions: Device Screen

In the app, tap on your Smart Sprinkler Timer icon. Your Smart Sprinkler Timer main screen should be similar to the one shown below.





App Functions: Device Screen, Continued





App Functions: Device Details Screen

Tap the three dots (in the upper right corner) to open the Smart Sprinkler Timer **Details** screen. Your Smart Sprinkler Timer screen should be similar to the one shown below.

The screenshot shows the 'Details' screen for a Smart Sprinkler Timer. The screen has a teal header with a back arrow, the title 'Details', and a help icon. Below the header is a list of settings and status items, each with a right-pointing chevron. Annotations with blue lines point to specific elements:

- Device Type**: Points to the 'Smart Sprinkler Timer' text next to the 'Type' label.
- Device Name (Tap to Edit)**: Points to the 'Smart Sprinkler Timer' text next to the 'Name' label.
- Room (Tap to Edit)**: Points to the 'Not Set' text next to the 'Room' label.
- Favorite (Red if Favorite, Tap to Edit)**: Points to the heart icon next to the 'Favorite' label.
- History (Tap to view device history)**: Points to the chevron icon next to the 'History' label.
- Tap to set the manual watering mode**: Points to the chevron icon next to the 'Irrigation Settings' label.
- Alarm Strategy (Tap to edit the sensor's Alarm Strategy)**: Points to the 'Disabled' text next to the 'Alarm Strategy' label.
- Time (Tap to sync with your home's time zone setting)**: Points to the 'GMT+0' text next to the 'Time' label.
- State**: Points to the 'Online' text next to the 'State' label.
- Tap to manage D2D control of the device**: Points to the chevron icon next to the 'D2D Control Management' label.

At the bottom of the screen, there is a section labeled 'Other' with a sub-label 'Model' and a value 'VS4103-11C'.



App Functions: Device Details Screen, Continued

← Details ?

You will be notified according to selected alarm strategy when device alerts

[View your alarm strategies](#)

Time

11/11 03:45:11 (GMT+0) GMT+0 >

State

Online

D2D Control Management

>

Other

Model

YS4103-UC

Model Number

Device EUI

d88b4c030000e706

Device EUI
Unique Identifier Number

SN

5C31375ED1  >

Device Serial Number

Signal Intensity

Strong (~30 dBm)

Signal Intensity
(From YoLink Hub)

Battery



Battery

Firmware

0303

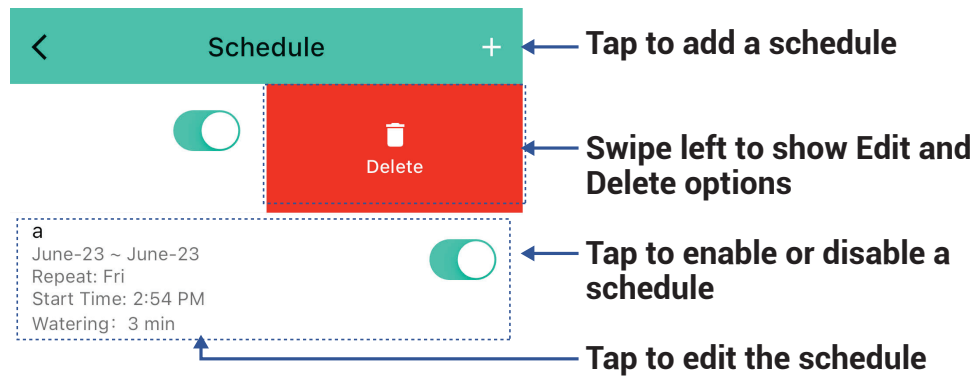
Firmware Revision
(Refer to page 26)

Delete

Remove Device from Current Account
Tap to delete the device from your YoLink account



App Functions: Schedule



You can have a maximum 12 schedules at one time.

The schedule runs on the device (no internet connection required).



App Functions: Schedule, Continued

< Add Schedule ✓

Name

Afternoon >

Tap to edit schedule name

Start Date

June-23 >

Tap to select start date

End Date

June-30 >

Tap to select end date

Repeat

Weekdays ▾

Tap to select repeat days

Sun

Mon

Tue

Wed

Thu

Fri

Sat

Start Time

Tap to select start time

2

3

4

5

28

29

30

31

AM

PM

Watering Mode

Duration ▾

Tap to select watering mode

Watering Duration (3 min)

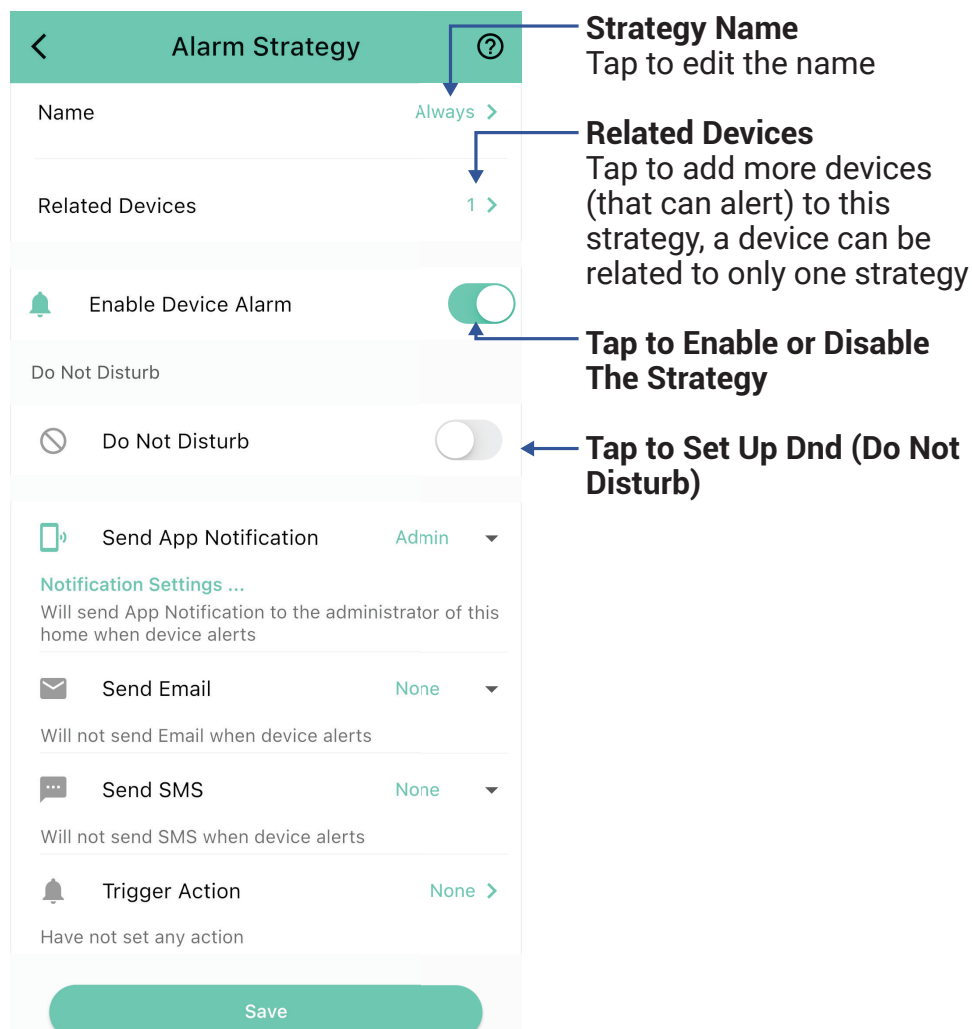
Tap to select watering duration or watering volume

1



App Functions: Alarm Strategy Screen

You can set up notifications in Alarm Strategy settings, make sure you have enabled App, Email, SMS notification from the app->Menu->Settings->Account Settings->Advanced Settings, and verified your email address and added your phone number in the app.





App Functions: Alarm Strategy Screen, Continued

The screenshot shows the 'Alarm Strategy' screen with the following elements:

- Name:** Always >
- Related Devices:** 1 >
- Enable Device Alarm:** Toggle switch is turned on.
- Do Not Disturb:** Toggle switch is turned off.
- Send App Notification:** Admin > (with a dropdown arrow). Below it is a link 'Notification Settings ...' and the text 'Will send App Notification to the administrator of this home when device alerts'.
- Send Email:** None > (with a dropdown arrow). Below it is the text 'Will not send Email when device alerts'.
- Send SMS:** None > (with a dropdown arrow). Below it is the text 'Will not send SMS when device alerts'.
- Trigger Action:** None > (with a dropdown arrow). Below it is the text 'Have not set any action'.
- Save:** A green button at the bottom.

Annotations with arrows point to the following elements:

- Send App Notification:** Points to the 'Admin' dropdown.
- Notification Settings (iOS only):** Points to the 'Notification Settings ...' link.
- Send Email:** Points to the 'None' dropdown.
- Send SMS:** Points to the 'None' dropdown.
- Trigger Action:** Points to the 'None' dropdown.

Send App Notification

Tap to select Admin to enable App push, select All, if desired for all members

Notification Settings (iOS only)

Tap to change notification tone, if desired

Send Email

Tap to select Admin to enable email notification, select All, if desired to send to all members

Send SMS

Tap to select Admin to enable limited text messages, select All (subscribe required-starter or standard plan), if desired to send to all members

Trigger Action

Tap to choose trigger actions (YoLink sirens, YoLink SpeakerHubs, scene)

M App Functions: Automation

The Smart Sprinkler Timer can be set up as an action in an automation. For example, you can automatically start watering if the solar moisture sensor detects a low humidity. This example is shown below.

The screenshot shows the 'Automation' app interface. At the top, there is a teal header bar with a back arrow, the title 'Automation', and a checkmark. Below the header, the 'Name' field is set to 'Garden' with a character count of '6/64'. The 'When' section contains a condition: 'Solar Soil Detector' with the sub-label 'Low Moisture Alarm'. Below this is a link '+ Add More Conditions'. The 'Then' section is titled 'Behavior' and contains an action: 'Smart Sprinkler Timer' with the sub-label 'Start watering'. Below the action is the 'Working Time' section, which is currently set to 'Always Working'. At the bottom, there is an 'Advanced Settings' section with a dropdown arrow. The interface is clean and modern, with a light gray background and teal accents.

Control D2D

YoLink Control-D2D is our unique device-to-device control technology. Using Control-D2D, compatible YoLink devices can control or be controlled by other YoLink devices, without a hub or internet connection. One device can control another device, directly.

A device that controls or sends out commands is called the **controller**. A device that is controlled or receives the commands is called the **responder**. An example of a controller are a On/Off Fob while examples of a responder are a Smart Sprinkler Timer.



Use of YoLink Control-D2D is optional.

One device can be Control-D2D-paired to up to 128 other devices.

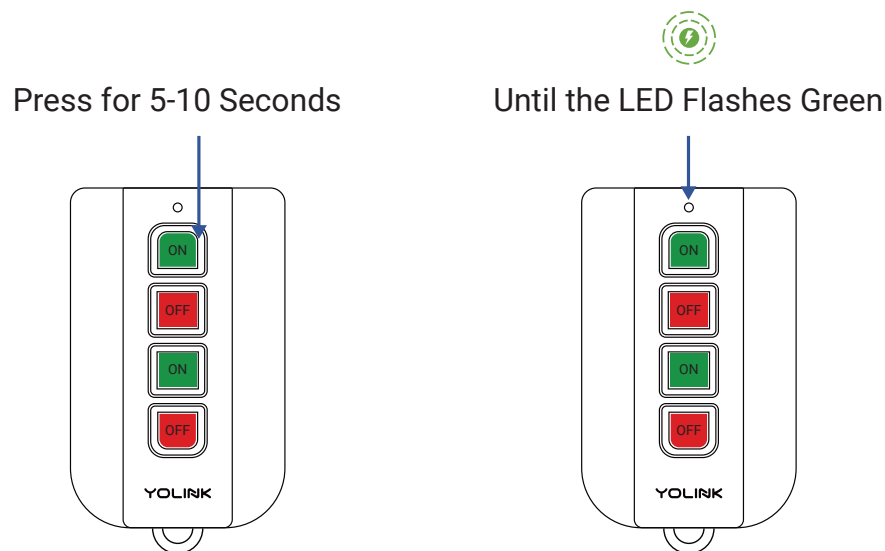
Pairing is separate from the app and any automation, scenes or alarm strategies you may have configured in the app. Use care to not create automations that conflict with Control-D2D-pairing and vice-versa.

During pairing, the controlled device must be in the state (open, on, unlocked, etc.) that it should transfer to when signalled by the controller.

N Control D2D, Continued

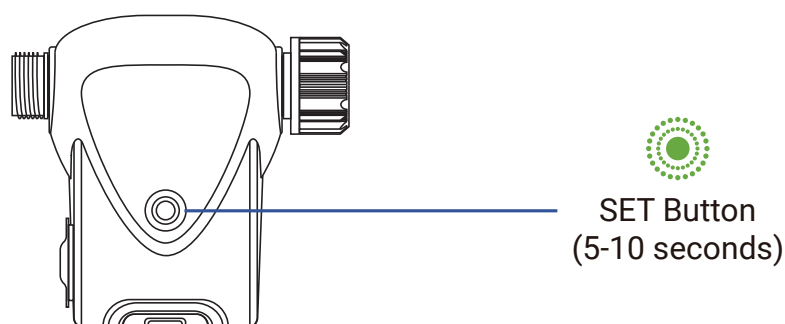
Pairing

1. On the On/OffFob, to pair one or more devices to the top ON & OFF buttons, press and hold the top ON button for 5 to 10 seconds, until the LED flashes green, then release the button.



2. To configure the Smart Sprinkler Timer as a responder, press and hold the timer's SET button for 5-10 seconds until the LED quickly blinks green, then release the button.

Upon pairing, the LED will stop blinking. This may happen after only blinking two or three times.



Testing

Test the On/OffFob. Start with your paired timer off. Press the associated ON button on the On/OffFob, and verify the paired timer turned on. Press the associated OFF button on the On/OffFob, and verify the paired timer turned off.

Unpairing

- 1.** On the On/OffFob, press the applicable ON button for 10 to 15 seconds, until the LED flashes green, then red, then release the button.
- 2.** On the Timer, press and hold the SET button for 10 to 15 seconds, until the status LED flashes green, then red.

The Timer should no longer respond to the On/OffFob. Test the fob, and perform the unpairing steps again, if needed.

0 Factory Reset

Factory reset will erase device settings and restore it to factory default settings. Doing a factory reset will not remove the device from your account and it will not harm the device, or lose any data or require you to redo your automations, etc.

Instructions:

Hold the SET button down for 20-30 seconds, until the LED blinks red and green alternately. Then, release the button. (Holding the button down longer than 30 seconds will abort the factory reset operation)

Factory reset will be complete when the LED stops blinking.

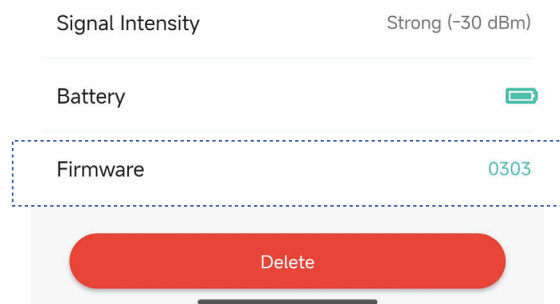


Only deleting a device from the app will remove it from your account. Factory reset will not delete the device from the app.

Firmware Update

Your YoLink products are constantly being improved, with new features added. It is periodically necessary to make changes to your device's firmware. For optimal performance of your system, and to give you access to all available features for your devices, these firmware updates should be installed when they become available.

In the Detail screen of each device, at the bottom, you will see the Firmware section, as shown in the image below. A firmware update is available for your device if it says "#### ready now"



Tap in this area to start the update.

The device will update automatically, indicating progress by percentage-complete. You may use your device during the update, as the update is performed "in the background". The LED will slowly blink green during the update, and the update may continue for several minutes beyond the LED turning off.

Q Specifications

Voltage:	Alkaline battery 1.5V AA*4 (6V)
----------	------------------------------------

Device Current Draw:	$\leq 300\text{mA}$ (operating) $\leq 90\text{uA}$ (standby)
----------------------	---

Working Temperature:	$1^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ($33.8^{\circ}\text{F} \sim 122^{\circ}\text{F}$)
----------------------	--

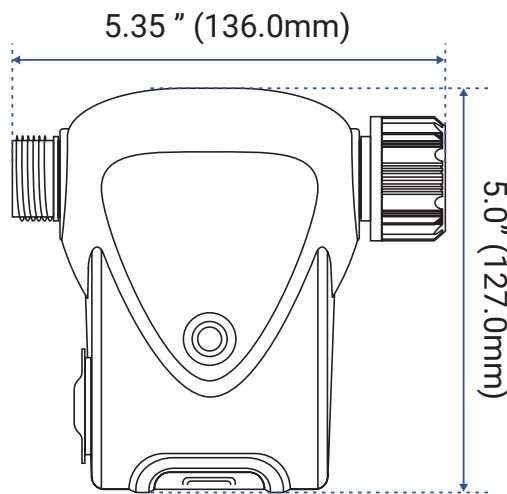
Working Humidity:	$\leq 95\%\text{RH}$ (non-condensing)
-------------------	--

Valve Size:	3/4 pipe Working Water
-------------	---------------------------

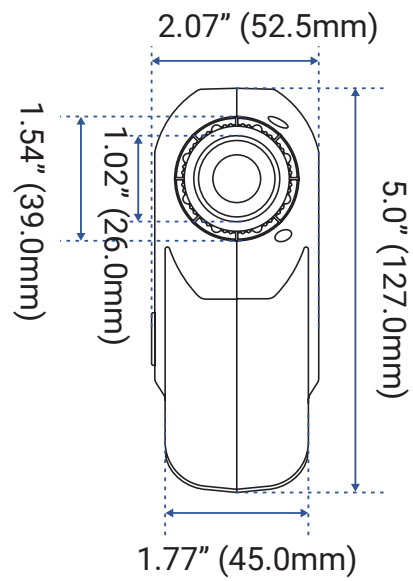
Pressure:	$\leq 1\text{MPa}$
-----------	--------------------

Waterproof level:	IP66
-------------------	------

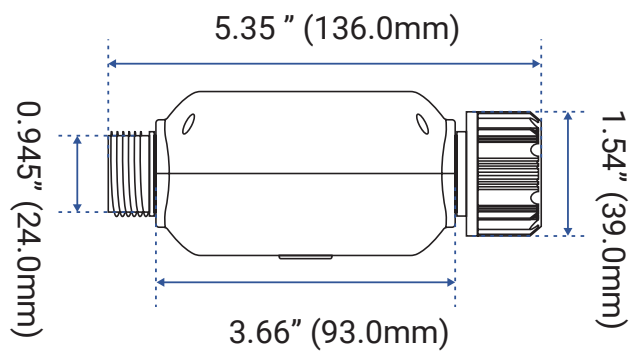
Q Specifications, Continued



FRONT



SIDE



TOP

Warnings

- Please install, operate and maintain the Smart Sprinkler Timer only as outlined in this manual. Improper installation or use may damage the unit and/or void the warranty.
- Do not install or use the device outside of the temperature and humidity range listed in the environmental specifications.
- For the maximum life of the device, provide overhead cover or a protective enclosure. This can protect it from the damaging effects of intense direct sunlight and/or rain over a period of years.
- Do not immerse or allow the devices to be immersed or submerged in water.
- Avoid placing the devices in extremely dirty or dusty environments.
- If the device does get dirty, please clean it by wiping it down with a clean dry cloth. Do not use strong chemicals or detergents, which may damage or discolor the exterior and/or damage the electronics, voiding the warranty.
- Do not install the device where it may be subjected to vandalism, abuse, physical impacts or strong vibrations. Physical damage is not covered by the warranty.

Warnings, Continued

- Power the device only with new AA alkaline batteries. Do not use rechargeable batteries, do not use other type batteries (e.g. zinc blend). Do not mix old and new batteries.
- If storing the device for extended periods, remove the batteries.
- Please contact Customer Support before attempting to repair, disassemble or modify the device, any of which can permanently damage the device and void the warranty.

2 Year Limited Electrical Warranty

YoSmart Inc. warrants to the original user ("customer") 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. This warranty does not apply to devices 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 does not cover neglected or abused products. This warranty is limited to the repair or replacement of the device, 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. The customer must provide proof of purchase, in the form of the original purchase invoice or order number. The purchase must have been made from an authorized seller.

To implement this warranty please contact us by one of the methods listed on the Contact Us page of this user guide.

FCC 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. 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.

T FCC Statement, Continued

- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

PRODUCT NAME:
SMART SPRINKLER TIMER

PARTY:
YOSMART, INC.

TELEPHONE:
831-292-4831

MODEL NUMBER:
YS4103-UC

ADDRESS:
25172 ARCTIC OCEAN DRIVE, SUITE 106
LAKE FOREST, CA 92630 USA

EMAIL:
SERVICE@YOSMART.COM



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!

YoLink Customer Support

