

# Flowsmart Control Meter & Valve Controller

YS5006-UC

**Quick Start Guide**

Revision Oct. 08, 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 FlowSmart Control meter & valve controller, water meter and motorized valve. Download the full Installation & User Guide by scanning this QR code:



Installation & User Guide

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

<https://www.yosmart.com/support/YS5006-UC>

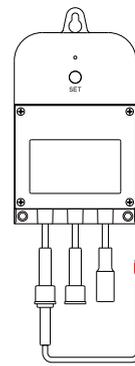


Product Support  
Support produit  
Soporte de producto

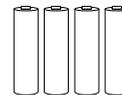


Your FlowSmart Control meter & valve controller wirelessly connects to the internet via a YoLink Hub or SpeakerHub, and it does not directly connect to your WiFi or local network. In order for remote access to the device from the app, and for full-functionality, a YoLink hub is required. This guide assumes the YoLink app has been installed on your phone, and a YoLink Hub or SpeakerHub is installed and online.

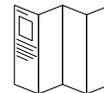
## C In the Box



FlowSmart Control Meter & Valve Controller



4 x AA Batteries (Pre-Installed)



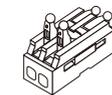
Quick Start Guide



Phillips Head Screws(3)

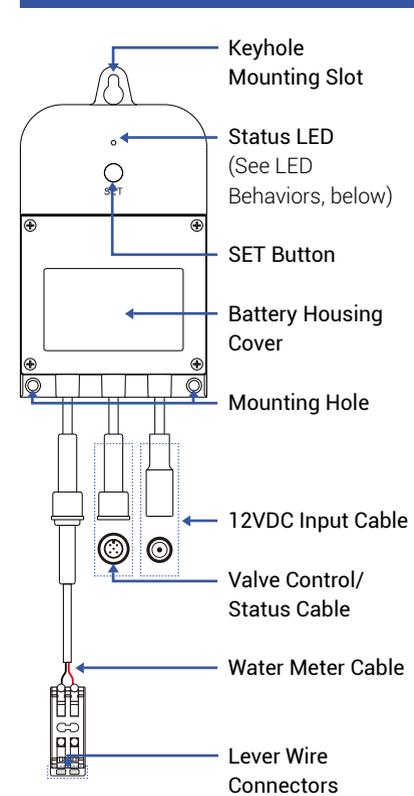


Plug-in Power Supply



Connector (Pre-Installed)

## E Get to Know Your Meter & Valve Controller



### LED Behaviors

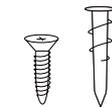
- Blinking Red Once, Then Green Once  
Device Start-Up
- Blinking Red And Green Alternately  
Restoring to Factory Defaults
- Blinking Red Once  
Valve Closing
- Quick Blinking Red Twice  
Valve is Closed
- Blinking Green Once  
Valve Opening
- Quick Blinking Green Twice  
Valve is Open
- Slow Blinking Green Twice  
Connecting to Hub

## D Required Items

These tools or items may be required:



Drill with Drill Bits



Wall Anchors



Medium Philips Screwdriver



Marker or Pencil

## E Get to Know Your Meter & Valve Controller, Cont.

 Quick Blinking Green  
Control-D2D Pairing in Progress

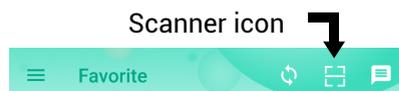
 Quick Blinking Red  
Control-D2D Unpairing in Progress

 Slow Blinking Green  
Updating

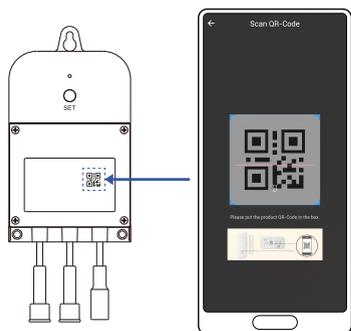
 Fast Blinking Red Once Every 30 Seconds  
Low Battery, Replace Batteries Soon

## F Add Your FlowSmart Control 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.

4. Follow the instructions to add your meter & valve controller to the app.

## G Install the Meter & Valve Controller

### Preparing for installation:

Determine where you will install your meter & valve controller. Typically, it should be wall-mounted, no farther away from the valve device and water meter than the length of the cables allow.

**Note:** use of the 12VDC power adapter is optional. If not used, batteries are required. If the power adapter is used, batteries are optional. Without batteries, the controller can not function during a power outage.

Determine how you will mount the controller to the wall, and have hardware and anchors appropriate for the wall surface on hand.

1. Mark the location of the hole for each of the controller's three mounting points on the wall. Install anchors, if applicable, per the anchor manufacturer's instructions. Insert the screw for the topmost mounting point, leaving enough space to hang the controller.

2. Hang the controller on this top screw, then insert the two remaining screws into their respective anchors or locations.

3. Tighten all three screws, ensuring the controller is secured to the wall.

## H Power Up, Final Connections & Testing

1. Connect the controller's Water Meter cable to the water meter. This is a cable with a 2-pin connector that should be connected to the controller already, on one end, and with lever type connectors on the other end. The two bare wires on the water meter cable must be connected to the lever connectors. Lever connectors have a lever on each side (wire in / wire out). Lift the levers on the empty side of the connectors, preparing them to accept wires. Matching the wire color on the wires already on the connector,

## H Power Up, Final Connections & Testing, Cont.

insert the wires of the water meter cable into the connector, black wire to black wire, red wire to red wire. Holding the wires in place, depress the two levers. They should make an audible click. Gently tug on each wire, to ensure a good connection.

2. Connect the controller's Valve cable to the motorized valve. This is a cable with a 5-pin connector. The connectors are keyed and should only insert correctly, but use care to align the two connectors, then twist the collar tight.

3. If using the power adapter, and before plugging in the power adapter to the AC power outlet, connect the controller's 12VDC input cable to the power adapter cable. Plug in the power adapter at the wall outlet.

4. The Meter & Valve Controller will appear offline until it is turned on and it wirelessly connects to a YoLink hub. Turn on the controller by pressing the SET button until you see the LED blink (red, then green, indicates the meter & valve controller has connected to the cloud).

5. In the app, verify the controller is indicated as online.

6. Test the Meter & Valve Controller and valve by pressing the SET button on the controller, and by watching the closing or opening action of the valve. The valve should open and close completely (verify no water is flowing through the valve while closed).

7. Test the operation of the Meter & Valve Controller from the app. From the **Rooms** or **Favorite** screen, locate your meter & valve controller, and tap the slide switch to open or close the motorized valve.

**Refer to the full installation and user guide to complete the setup of your FlowSmart Control.**

## I 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](mailto: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](http://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](mailto:feedback@yosmart.com)

Thank you for trusting YoLink!

Eric Vanzo  
Customer Experience Manager

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