



YOLINK YS5006-UC FlowSmart Control Meter and Valve Controller User Guide

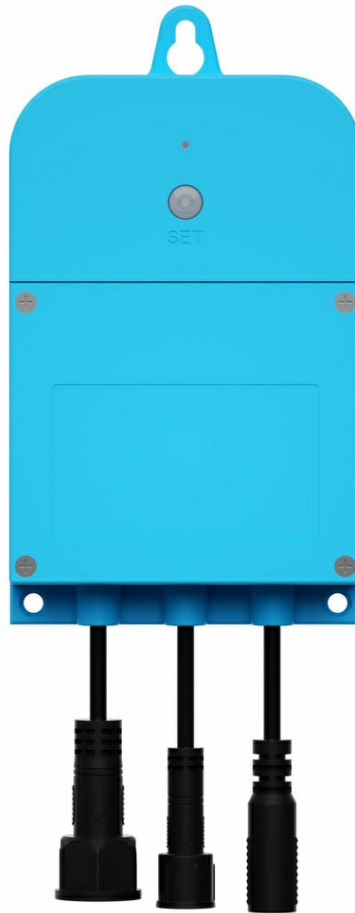
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YOLINK YS5006-UC FlowSmart Control Meter and Valve Controller



Product Information

Specifications

- **Model:** YS5006-UC
- **Power Supply:** Plug-in Power Supply or 4 x AA Batteries (Pre-Installed)
- **Connectivity:** Wirelessly connects to the internet via a YoLink Hub or SpeakerHub
- **Compatibility:** Requires YoLink app installed on your phone and a YoLink Hub or SpeakerHub

Product Usage Instructions

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. For detailed instructions, download the full Installation & User Guide by scanning the provided QR code.

In the Box

- Phillips Head Screws (3)
- FlowSmart Control Meter & Valve Controller
- YS5006-UC
- Quick Start Guide Revision Oct. 08, 2023

Welcome!

Thank you for purchasing YoLink products! Your satisfaction is our goal. If you experience any problems with your installation or have any questions, please contact us right away. See the Contact Us section for more information.

Required Items

The following tools or items may be required:

- Drill with Drill Bits
- Wall Anchors
- Medium Philips Screwdriver
- Marker or Pencil

Get to Know Your Meter & Valve Controller

The meter & valve controller features the following components:

- Keyhole Mounting Slot
- Status LED (See LED Behaviors, below)
- SET Button
- Battery Housing Cover
- Mounting Hole
- 12VDC Input Cable
- Valve Control/Status Cable
- Water Meter Cable
- Lever Wire Connectors

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
- **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

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.

FAQs

- **Q: Do I need a YoLink Hub or SpeakerHub for the FlowSmart Control to work?**

A: Yes, in order for remote access to the device from the app and for full functionality, a YoLink hub is required.

- **Q: Where can I find additional resources and support for the FlowSmart Control?**

A: You can find all current guides, videos, and troubleshooting instructions on the FlowSmart Control Support Page by scanning the provided QR code or visiting <https://www.yosmart.com/support/>.

- **Q: How can I contact YoLink for assistance?**

A: If you experience any problems with your installation or have any questions that the manual does not answer, please contact us right away. See the Contact Us section for more info.

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

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



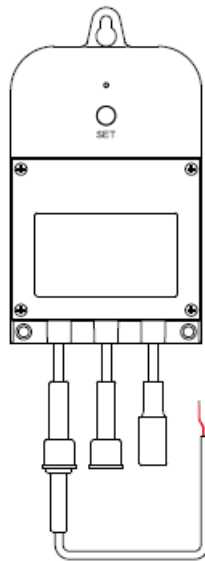
You can also find all current guides and additional resources, such as videos and troubleshooting instructions, on the FlowSmart Control Support Page by scanning the QR code below or by visiting: <https://www.yosmart.com/support/YS5006-UC>.

Product Support



Your FlowSmart Control meter & valve controller wirelessly connect 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.

In the Box



FlowSmart Control
Meter & Valve
Controller



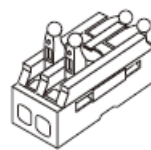
Phillips Head
Screws(3)



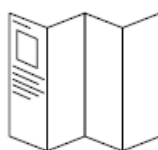
Plug-in Power
Supply



4 x AA Batteries
(Pre-Installed)



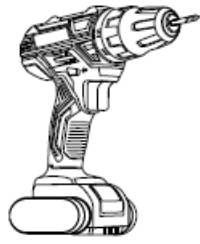
Connector
(Pre-Installed)



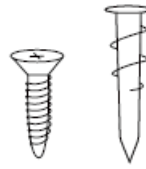
Quick Start Guide

Required Items

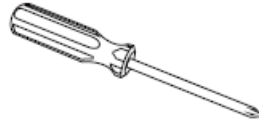
These tools or items may be required:



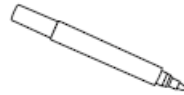
Drill with Drill Bits



Wall Anchors

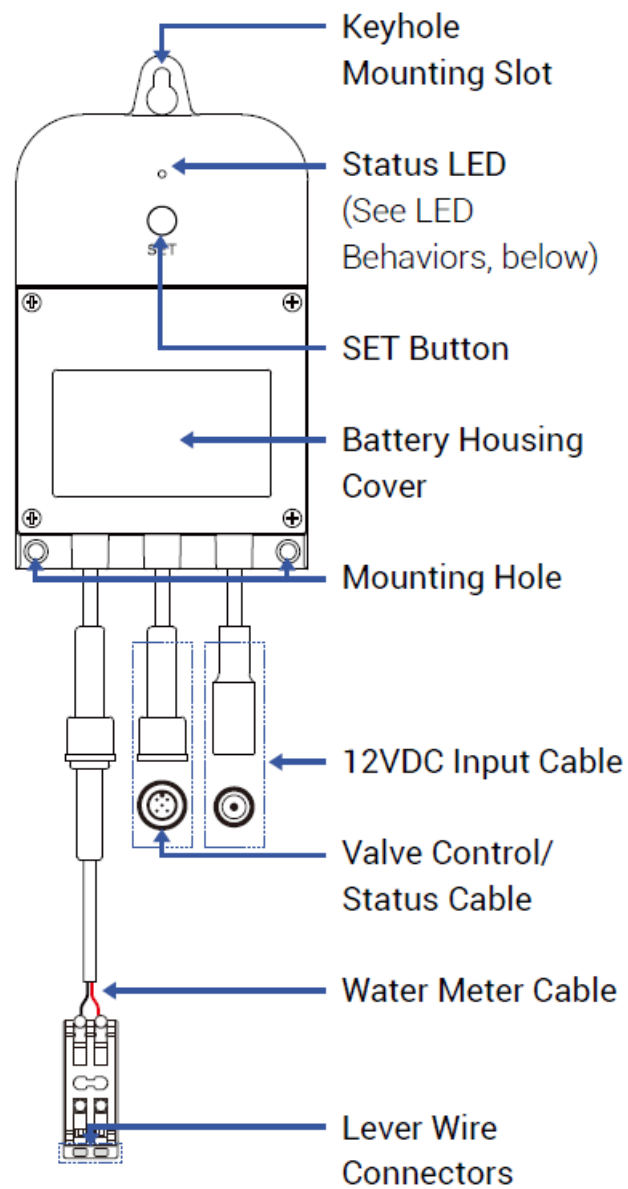


**Medium Philips
Screwdriver**














Marker or Pencil

Get to Know Your Meter & Valve Controller

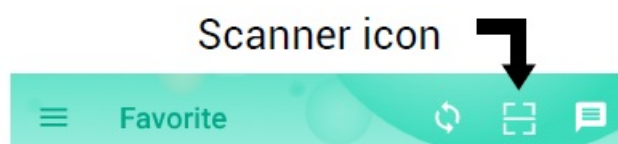


LED Behaviors

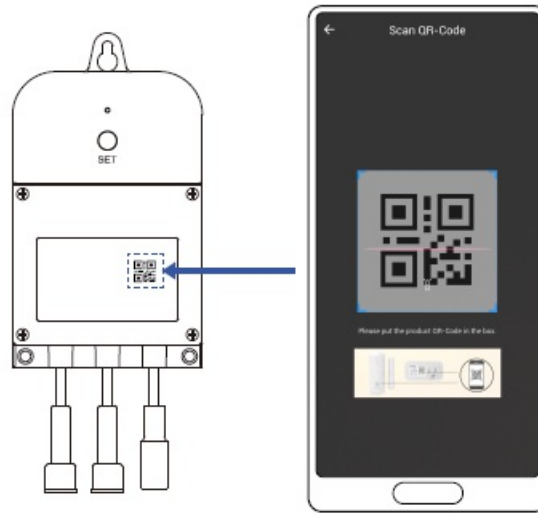
-  **Blinking Red Once, Then Green Once**
Device Start-Up
-  **Blinking Red And Green Alternately**
Restoring to Factory Defaults
-  **Blinking Red Once**
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Updating
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Low Battery, Replace Batteries Soon

Add Your FlowSmart Control of 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.

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.

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, 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, depresses 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 be inserted correctly, but use care to align the two connectors, then twist the collar tight.

3. If using the power adapter, 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.

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 the fastest service, please email us 24/7 at service@yosmart.com.
- Or call us at 831-292-4831 (US phone support hours: Monday – Friday, 9 AM to 5 PM 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.

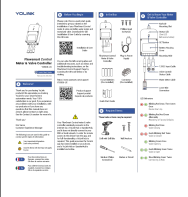
Thank you for trusting YoLink!

Eric Vanzo

Customer Experience Manager

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Documents / Resources

	<p>YOLINK YS5006-UC FlowSmart Control Meter and Valve Controller [pdf] User Guide YS5006-UC FlowSmart Control Meter and Valve Controller, YS5006-UC, FlowSmart Control M eter and Valve Controller, Control Meter and Valve Controller, Meter and Valve Controller, Valve Controller</p>
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References

- [Facebook icon](#)
- [Facebook icon](#)
- [User Manual](#)