FRANKEVER

Smart Water Valve User Manual



WiFi Zigbee

Product Description

• Summary

FrankEver Smart Water Valve



DC 5V/2A power supply by adaptor
Mobile APP using MCU microcomputer control technology
Timing regularly closing and multi-angle opening function
Waterproof : IP65

Model No.: FK-V02
Materials: SS304 & Engineering Plastics
Valve Size: DN15,DN20,DN25,DN32
Screw Thread: NPT BSP
Max pressure: 1.0Mpa
Input Voltage: DC5V
Support Ambient Temperature:-30℃-60℃

Frequency of Timing:
Unlimited times per day, the interval between the maximum period is once a week.

Controller Operation:
App manual control, Field manual operation,
APP cloud timing, Countdown

• Key Function



1. Manual Switch:
When on power,short press the manual switch to open/close the valve.

2. Network Configuration:
Long press the button for 5 seconds until the LED light flash quickly,Connect phone to the network.

Downloading the APP

Scan the QR code or search SMART LIFE app from Apple store or Google play to install.
Once installed, please register in APP with your phone number or email.

Downloading the App

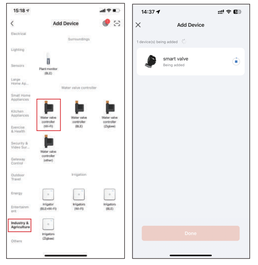
Smart Life

Installation Tutorial for Wifi Type Water Valve

Notice: Before connection, ensure your mobile phone with Internet and Bluetooth is on!



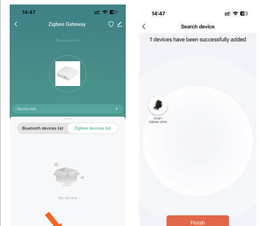
Option 1: Long press the manual button on water valve for 5s until the indication wifi blue light in quick flash, then you can see the device pop up in APP to be added, press ADD to finish connection.



Option 2: When device is under connection status, click + in right upper corner to add device, choose "water valve" from Industry & Agriculture, then the app start to scan the devices around, you can choose correct device and add by steps.

Installation Tutorial for Zigbee version water valve

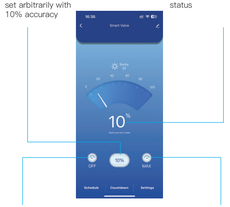
(Ensure you have zigbee gateway together, which requested to use together with our water valve)



APP Control

Setting Icon
From 0–100%, the flow rate can be set arbitrarily with 10% accuracy

Current Water Value
Indicates the current water valve opening status

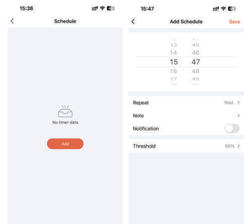


OFF
Close the water valve, the setting value is 0%

Max
Open the water valve, the setting value is 100%

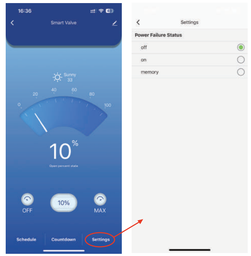
Schedule

Timing determine the work plan of schedule water valve that sets in a timetable.



Power Failure Protection:

The valve is preset to shut off automatically if power failure, and you also can change the preset in SETTING.



Water Leak Protection

If you have FrankEver Smart Water Sensor, you can set up valve automation with our water sensor to protect water leak.

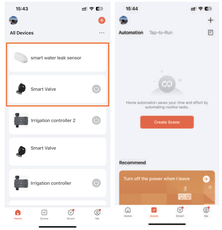


Automation Function

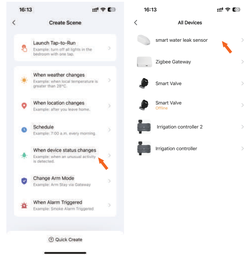
How to use automation function with smart water leak sensor:

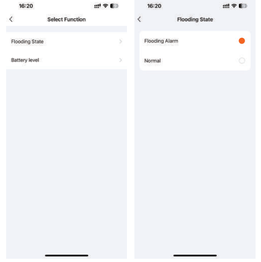
Step 1: Make sure you already paired the water sensor and water valve in same app successfully.

Step 2: Press " scene ", Then press "+" at upper right corner to create a scene

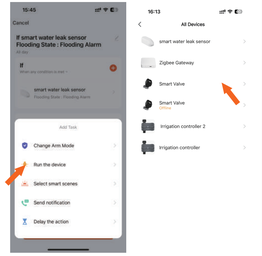


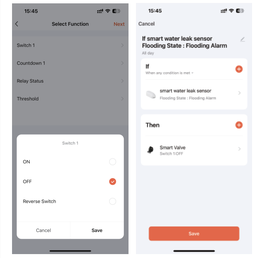
Step 3: Set a condition on water leak sensor





Step 4: Set up task for water valve, then you can see the task details, and water valve will do action automatically.





Voice Control

Amazon Alexa

* Alexa, open <device name>.
* Alexa, close <device name>.

works with amazon alexa

Google Assistant

* Ok, Google, open <device name>
* Ok, Google, close < device name>

works with Google Assistant

* Tips: You can name the device yourself

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Available on the App Store Get it on Google Play