

Product Introduction



Product Description

This product is a WIFI intelligent water valve controller product that uses photovoltaic charging. Please place it in a long-term environment with direct sunlight for operation. If it is used for indoor work, it is necessary to plug in a USB charging cable to avoid insufficient power.

This product is suitable for villa courtyard, balcony garden, roof garden, family green wall, three-dimensional greening micro spray, site engineering dust removal, vegetable garden drip irrigation, spray irrigation. This product meets the waterproof level 5, can resist rainstorm, but cannot soak in water. The shell is made of UV resistant material, allowing sunlight exposure.

Download the 'Smart Life' app

Scan the QR code or search for "Smart Life" in the app store to download and install.



Key Description



: Short press this button to enter manual watering mode for the host.



: Short press this button to manually turn off watering and enter automatic mode.



: When using the host for network distribution, please refer to the network instructions for details.

Reset button: In case of product malfunction, please briefly press the reset button.

If you need to turn off the device, the phone will automatically enter the shutdown state about 3 minutes after removing the device.

Indicator light description

Green light flashing: The button execution is effective (opening or closing the valve).

Slow flashing red light: charging.

Red light off: The battery is fully charged.

Fast flashing red light: in the distribution network.

Distribution Network Description

1. Press and hold the button  for 5 seconds to wake up the host. The red light will flash and enter the distribution network mode., If it is not turned on, you can try long pressing it again.

For smoother distribution network connection, please place your phone and device as close as possible to the router to ensure good signal, and **turn on wireless network and Bluetooth**.
Before adding a device, Please ensure that your phone is connected to a 2.4GHz WiFi network.

2. Open the "Smart Life" app and there are three ways to add devices (choose any of the following methods)

① Bluetooth automatically searches for devices and selects to add devices according to prompts;

② Click on the  symbol in the upper right corner, scan the QR code in the following image, add a water valve controller, and continue the operation according to the prompts



③ Click on the +symbol in the upper right corner to add a device, select the category [Industry and Agriculture] - Water Valve Controller (Wi-Fi), and then follow the prompts to continue the operation;

3. The red light is flashing and it is currently in the distribution network. Network distribution successful, indicator light off.

Distribution network failure, try pressing and holding  multiple times for 5 seconds, wait for the red light to flash, and then reconfigure the distribution network

APP Function Description

- Control the opening/closing of water valves
- Set timed automatic watering
- Low battery warning
- Equipment name modification and location management
- Open/close single timing setting
- Operation successful execution notification

Note: This product does not operate under low temperature conditions, which may cause structural damage. When the temperature is below 0 °C, please disassemble and store it indoors. If this problem causes equipment damage, it is not covered by warranty.

The product uses a water pressure of 0.3-8KG, a flow rate of 8L-31L/min, and is suitable for a water temperature of 1-60 °C.

Matters needing attention

1. Before assembly, run a test on the host and start laying water pipes and installing accessories only after there are no faults.
2. The host should be protected from rain and sun, but not from freezing. Do not use in low temperature environments below 0 °C.
3. Please keep the water source clean, and there are also some impurities in the tap water. There is a stainless steel filter screen inside the movable joint. It is recommended to clean the filter screen at regular intervals to avoid blockage.
4. Due to the different water requirements of plants in each season, it is best to reset the irrigation program in each season to adapt to the water needs of plants.