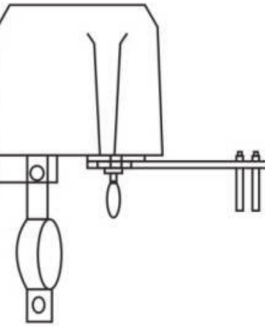


Valve controller Manual

Model number:GR-W-105N



Thank you for using our smart valve controller,
Please read this manual carefully before using it.

1、Product Profile

Welcome to choose our company's WIFI smart valve controller, This product has the characteristics of intelligence, low cost and high reliability. It can be controlled by distance away, It adopts WIFI interna tional technology and is fully compatible with WIFI network. It can control the valve by wireless, remote and timing. It is an ideal product for intelligent home safety and automatic control of agriculture and forestry irrigation.

2、Product specifications

Power supply voltage	12V/1A
Communication technology	WIFI
Frequency of communication	2.4g
Wireless Distance	30m(out)
Valve pressure	1.6 mpa
Valve specifications	4,6,1 inch,
Close valve time	5-8 seconds
Open valve time	5-8 seconds
Torque	60-70kg.cm
Application System	IOS/android
Application Valve type	Handle valve

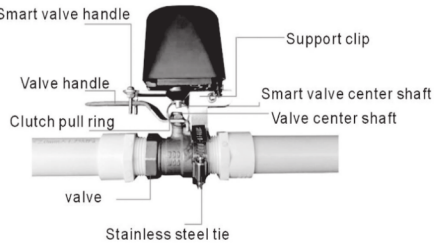
3、Installation Guide

- Install the bracket on the installation ear of the smart valve controller (screw is not tightened first).
- Fix the mounting bracket on the water pipe or gas pipe (as shown in the figure).
- Adjust the position of the smart valve controller, so that the output

axis of the smart valve controller is in line with the axis of the "water/gas pipe" valve handle. (Fig.) Then tighten the screw at both ends of the mounting bracket. After the installation of the smart valve controller, Manually pull down the clutch pull ring. Swing The smart valve controller Transfer handle, Check if the valve switch is in place.

- Tighten the screw of the smart valve controller handle clip according to the diagram.
- Connect the power adapter of 12V/1 A.

Installation Diagram:



4、Guidelines for Use

- Scan two-dimensional code, download “Smart Life ” APP, Install and apply the APP, prompt the registration account according to its instructions.



- Turn on bluetooth on your smartphone for automatic device recognition(no manual search required).Add devicePower on the valve controller, press and hold the Open/Closebutton for 5 seconds until the blue LED flashes, Ensure the device is placed close to the gateway.Click "Add" when the device name "SmartValve" appears.

- The default state of the smart valve controller after pairing is closed, the smart valve controller can be switched as needed. When the smart valve controller is opened, the indicator light is always on . Otherwise, When the valve is closed, the indicator lights is off. You can manually press the button to switch the valve, or you can use the mobile phone APP to switch the valve. The product has setting functions such as timing, sharing and linkage.Please read the description of APP in detail to use the product.

- After successfully pairing the smart valve controller, if the button is pressed about 5 seconds again, the LED indicator light of the smart valve controller will flash quickly, the original pairing information will be deleted, and the pairing process will be carried out again. If multiple mobile devices are required to control the smart valve controller, the sharing function of APP is adopted and allocated to multiple accounts.

- In the absence of WIFI, The smart valve controller can control the valve to open or close by pressing the button, When the state of the smart valve is closed, it opens after the key, Otherwise when the valve is opened, it closes after the key. When the power is cut off, the pull ring under the smart valve controller can be manually pulled down and swing The Transfer handle to close or open the valve.

5、Failure Guide

- The valve controller switch is not in place:Check whether the smart valve controller axis center and the valve center axis are in the same axis, if not in the same axis, not only make the valve switch not in place, but also burn the smart valve controller's motor.
- The valve switch is stuck:
you can pull down the clutch pull ring and Swing The smart valve controller's handle with 90 degree until the valve can be switched smoothly. If the valve is too tight, it is recommended to replace the valve.
- The smart valve controller can not be paired into the network:
Check the WIFI signal is OK, And when the smart valves controller is pairing into the network,please keep it as close to the router as possible.
- For other troubleshooting problems, please read the APP'S help center in detail.

6、 Packing list

a) Host	1
b) Instructions	1
c) Adapter 12V/ 1A	1
d) Pipe clips(clamp)	1

Disclaimer

If this product has function upgrade, you can contact our company for information without notice. The right of interpretation belongs to our company.

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.
- Consult the dealer or an experienced radio/TV technician for help.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.

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body.