

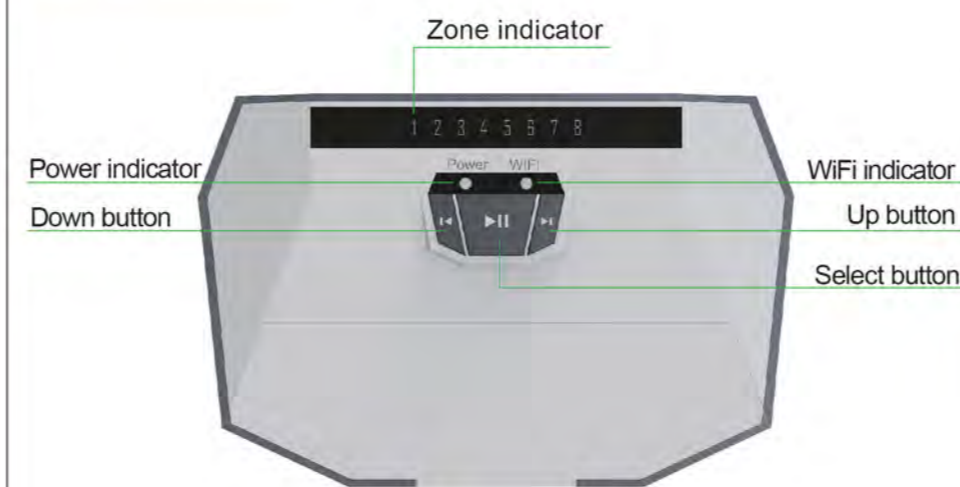


Smart WiFi Indoor Sprinkler Controller User Manual

Welcome to smart watering!

Thank you for purchasing a WiFi-enabled smart sprinkler controller from us. We can see groomed lawns not just in the parks or at the stadiums, but near buildings like hotels, banks, shops, filling stations, and country houses. Many of us like spending time in the back-yard, drinking sprightly beverages and enjoying the view of the lawn. But then, what should we do to keep our lawns beautiful and alive, and prevent them from drying? This smart sprinkler controller gives you a smarter way to water. It can be controlled with smartphone from any corner of the world.

At a Glance



Specifications

Input	120V AC 60Hz
Output	AC24V 1000mA
Controller ratings	Input/output: AC24V 1000mA
Operating temperature and humidity	-10°C~55°C, 10%~90%RH, Non-condensing

Download the App to your mobile phone

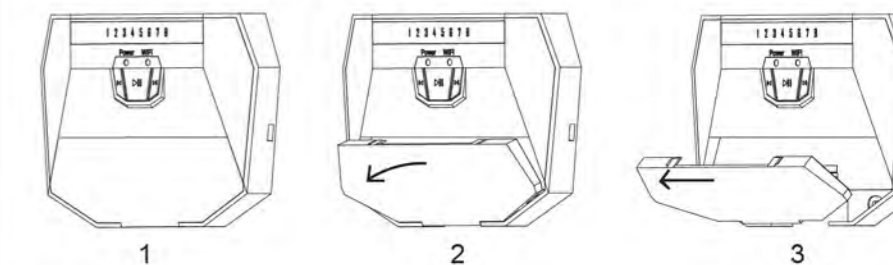


1. Search the keyword "Smart Shyion" in APP Store or Google Play to download the App.
2. Open the app and register an account to log in.

Installation

What you will need?
WiFi Access: 2.4Ghz network required
Mobile devices: Requires ios 9.3 or newer or Android 4.0 or newer
1x Screwdriver
1x Wire stripper
1x Hammer

When removing the protective cover, reach into the protective cover with your hand, press your fingers against the top and push it out, you can easily take it out.



1. Select a location

Choose a location near power and away from direct sunlight. This location should have a good WiFi signal, you can check the signal via a smartphone.

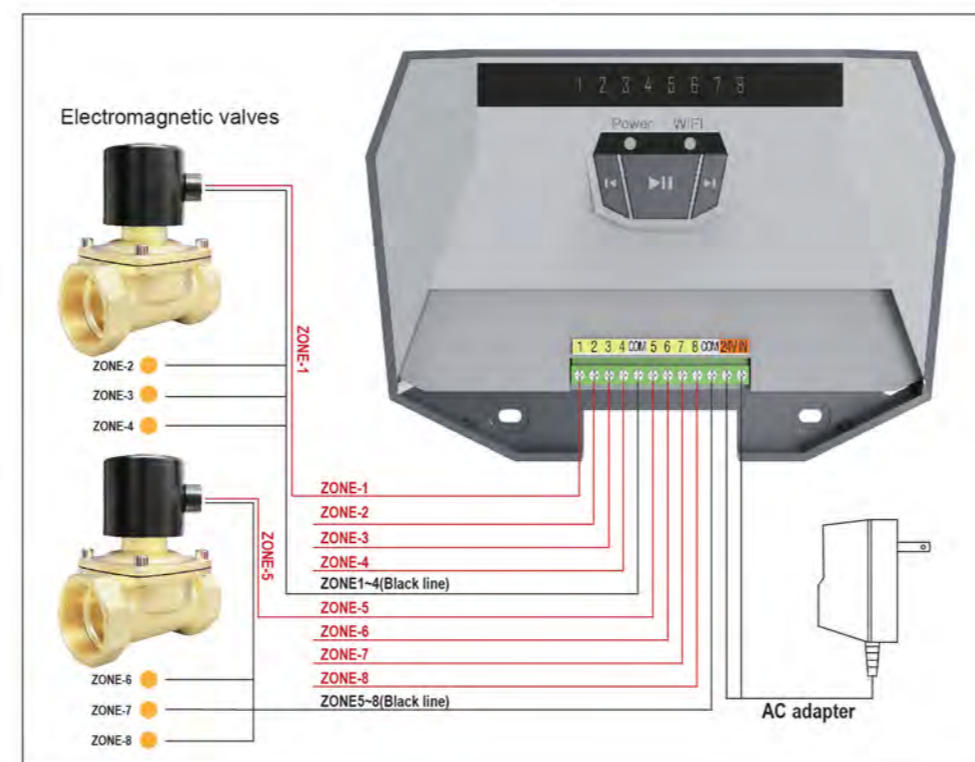
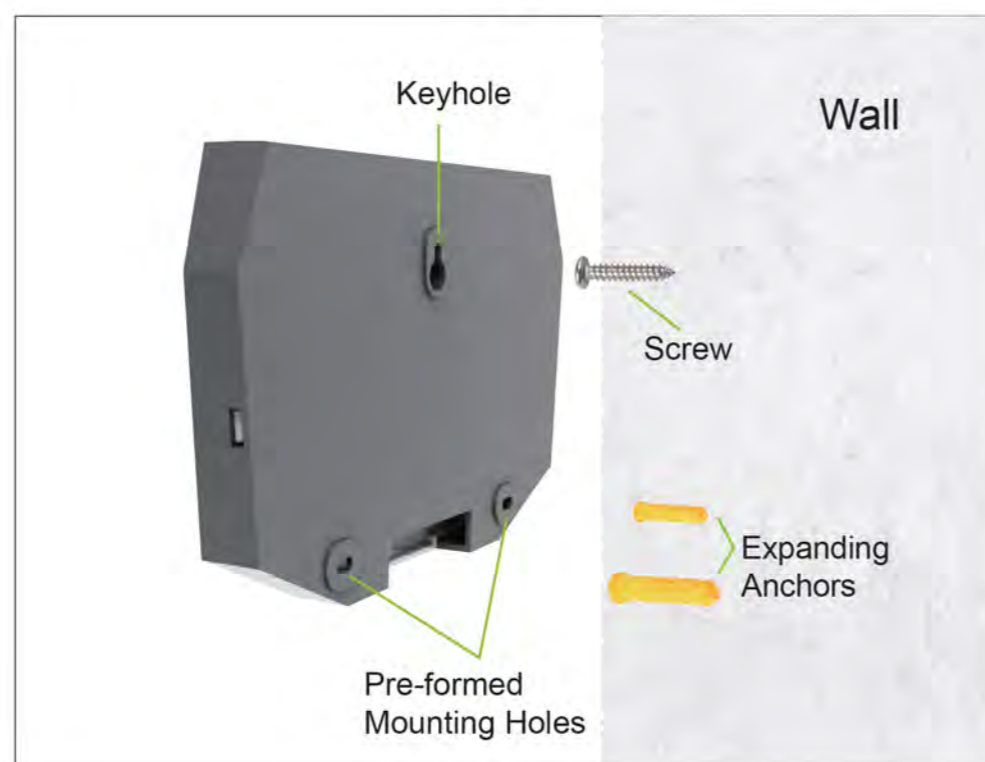
2. Mount the controller

Install a screw (included) into the wall. Use the expanding anchors (included) for plaster, masonry or drywall installations. Hang the controller on the installed screw using the keyhole slot. Level the controller and use the second screw in one of the preformed mounting holes to secure the controller.

3. Connect valve wires

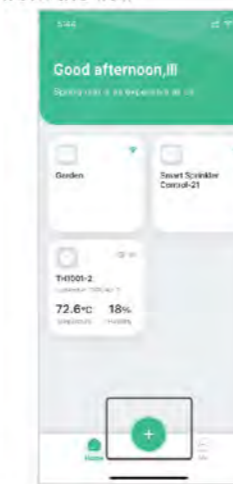
Strip about 10mm of insulation from each wire, attach one wire from each valve to a "Common" (COM) terminal and the other wires to a numbered terminal (one wire per terminal).

Note: to prevent damage to the controller, connect only one valve to each terminal.



Connect the controller to WiFi

1. Connect your mobile device to the Wi-Fi network that the controller will connect to. **Only 2.4G network is supported.**
2. Open the App, tap the add icon "+" at the bottom and select Smart Sprinkler Control device from the list.



3. Press and hold the ►|| button for about 5s and release until the WiFi indicator light is rapidly flashing that indicates the controller is ready to configure.

4. Enter the password of the WiFi network that your mobile device is connected to, then it will start registering the device to the cloud.

5. Once the device has been added successfully, you will be able to remotely water your lawn from anywhere.



Manual Operation

All programming and full functionality of the controller are available in the App. If you needed, there are some basic operations you can perform directly at your controller.

Function	Button Press
Select watering zone	Quickly press ► or ► , the indicator of the selected zone will flash rapidly.
ON/OFF	After selected watering zone, press the ► button to turn it on and press the ► button again to turn it off. The default watering time is 10 mins per zone.
Quick Start	Water all zones: Hold the ► button for about 3s to start watering all zones. Cancel all zones: Hold the ► button for about 3s to cancel all zones.
Enter into WiFi network setup mode	Hold the ► button for about 3s the WiFi indicator is flashing rapidly.
Reset the controller	Quickly click the ► 5 times, and the buzzer keep ringing.

Troubleshooting

Problem	Possible cause	Possible solution
Connection issues between mobile device and controller	WiFi signal strength is low	Verify with your phone, the WiFi signal is at least 2 bars of strength at the location of the controller. If it is not, try to relocate the WiFi router so it is closer and does not have as much as interference. If this is not possible, use a WiFi range extender to boost the signal strength.
	The App shows that the controller is offline and WiFi indicator on the controller is blinking	Check your local network. Are other connected devices working properly? Try to re-connect the controller to your WiFi router.
	Failed to connect the controller to WiFi network	Make sure that the WiFi network is 2.4Ghz.

Problem	Possible cause	Possible solution
Programmed schedules and manual watering functions don't start	Water source does not supply water	Verify there is no disruption to the main water line and all other water supply lines are open and functioning properly.
	Wiring is loose or not properly connected	Check if valve wiring is securely connected at the controller and in the field.
	Valve wires are corroded or damaged	Check if valve wiring is damaged and replace if necessary. Check wiring connections and replace with watertight splice connectors if needed.

FCC Statement

1. 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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: 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 equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.