

johgee YYDUS#QT-08W-B

# johgee Solar Smart WiFi Sprinkler Timer

User Manual - Model: YYDUS#QT-08W-B

## 1. PRODUCT OVERVIEW

The johgee Solar Smart WiFi Sprinkler Timer is an advanced irrigation controller designed to automate and optimize your watering schedule for lawns, gardens, greenhouses, and more. Featuring solar and USB-C recharging, Wi-Fi connectivity, and multiple irrigation modes, it offers convenient and efficient water management.



Image: The johgee Solar Smart WiFi Sprinkler Timer, showcasing its compact design, solar panel, and a smartphone displaying the accompanying app interface for control.

## Key Features:

- **Solar & USB Rechargeable:** Equipped with a high-efficiency adjustable solar panel for automatic charging and a USB-C port for backup charging on cloudy days.
- **Solar WiFi Irrigation Timer:** Connects directly to 2.4GHz Wi-Fi for remote control via the Smart Life app, allowing management of up to 10 customizable lawn care programs without an additional hub.
- **3 Irrigation Modes:** Supports automatic (scheduled), manual, and rain delay modes for versatile watering.
- **APP & Voice Control:** Compatible with Smart Life app, Alexa, and Google Assistant for convenient control via smartphone or voice commands.
- **Precise Water Flow Control:** Allows setting precise water volume and tracking real-time usage to prevent overwatering and conserve water.
- **Sturdy Waterproof Design:** IP65 dust and water resistance rating with a brass water inlet and anti-clogging filter for durability.



Image: The johgee Solar Smart WiFi Sprinkler Timer attached to an outdoor faucet, illustrating its key features such as solar charging, automation, Type-C fast charging, manual watering, voice control, IP65 waterproof rating, energy saving, and super capacitor.

## 2. SETUP GUIDE

### 2.1 Package Contents

Before installation, ensure all components are present:

- johgee Solar Smart WiFi Sprinkler Timer Unit
- Hose Adapter (if applicable)
- Sealing Washer
- Thread Seal Tape
- USB-C Charging Cable (not always included, but compatible)

## 2.2 Physical Installation

1. **Prepare the Faucet:** Ensure your outdoor faucet is clean and free of debris.
2. **Apply Thread Seal Tape:** Wrap the thread seal tape around the threads of your outdoor faucet for a watertight seal.
3. **Attach the Timer:** Screw the johgee Sprinkler Timer directly onto your outdoor faucet. Ensure the sealing washer is properly seated inside the timer's inlet. Tighten securely by hand to prevent leaks.
4. **Connect Hose:** Attach your garden hose or irrigation system to the outlet of the sprinkler timer.
5. **Adjust Solar Panel:** Position the integrated solar panel to face direct sunlight for optimal charging. The panel can be adjusted by approximately 30 degrees for better sun exposure.



Image: A close-up of the johgee Solar Smart WiFi Sprinkler Timer, highlighting the adjustable solar panel with an arrow indicating a 30-degree range of motion for optimal sun exposure.

## 2.3 App Connection (Smart Life App)

The johgee Sprinkler Timer connects directly to your home Wi-Fi network (2.4GHz only) without the need for a separate gateway.

1. **Download App:** Search for and download the "Smart Life" app from your smartphone's app store (iOS or Android).
2. **Register/Login:** Open the Smart Life app and register for a new account or log in if you already have one.
3. **Enable Bluetooth & Location:** Ensure Bluetooth and location services are enabled on your smartphone for easier device discovery.
4. **Add Device:** In the Smart Life app, tap the "+" icon or "Add Device". The app should automatically detect the sprinkler timer if it's powered on and in pairing mode. If not, manually select "Valve Controller" or "Water Timer" from the device list.
5. **Connect to Wi-Fi:** Select your 2.4GHz Wi-Fi network and enter your Wi-Fi password. The device will connect to your network.
6. **Confirmation:** Once connected, the app will confirm the device has been added successfully. You can then rename the device for easy identification.

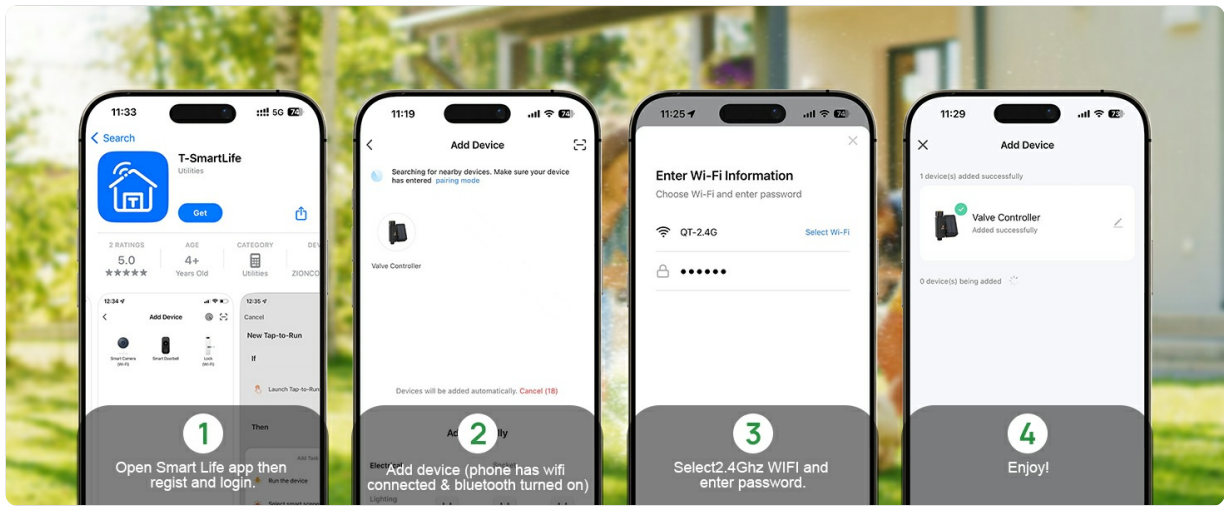


Image: A four-step visual guide showing the process of connecting the johgee Sprinkler Timer to the Smart Life app: 1. Open and log in to the app, 2. Add device, 3. Select 2.4GHz Wi-Fi and enter password, 4. Device added successfully.

### 3. OPERATING MODES

#### 3.1 Automatic Mode (Scheduled Watering)

Set up customized watering schedules through the Smart Life app:

1. Open the Smart Life app and select your johgee Sprinkler Timer.
2. Navigate to the "Timer" or "Schedule" section.
3. Create new schedules by setting start times, watering duration, and frequency (e.g., specific days of the week).
4. You can set up to 10 customizable programs.
5. The app also allows setting watering based on precise water volume (e.g., 1.3 gallons, 5 gallons) instead of just duration.

# 2-Mode Irrigation System

Customized Watering Scheme | Precise Water Volume Control

## Timed Irrigation



## Cyclical Irrigation

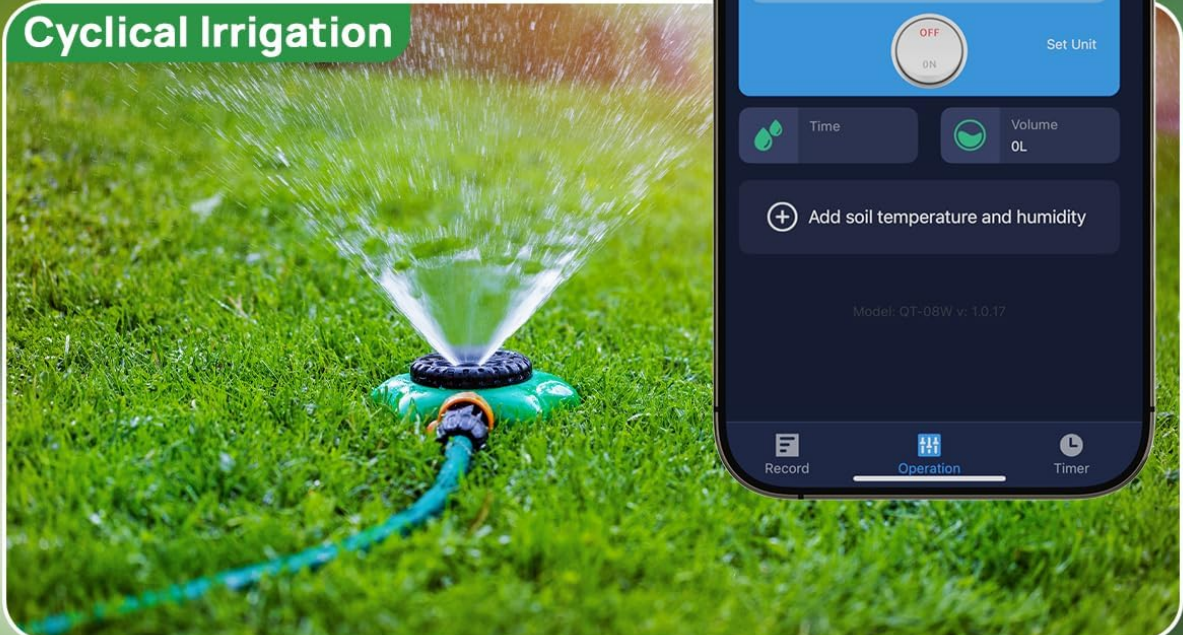


Image: A visual representation of the 2-mode irrigation system, showing both timed irrigation with a sprinkler and cyclical irrigation, alongside the Smart Life app interface for setting duration and single irrigation options.

# Irrigation according to volume

Precisely preset watering based on plant needs



Image: The johgee Sprinkler Timer connected to a faucet, illustrating the precise volume-based irrigation feature with bubbles indicating different water volumes (1.3gal, 1.6gal, 2.8gal, 5gal) and an app interface showing watering duration and capacity settings.

## 3.2 Manual Mode

For immediate watering needs, you can activate manual mode:

- **Via App:** In the Smart Life app, select your device and choose the "Manual" option. You can set a specific duration or volume for manual watering.
- **On Device:** Press the button on the side of the sprinkler timer to manually start or stop watering.



Image: A close-up of a finger pressing the manual control button on the side of the johgee Solar Smart WiFi Sprinkler Timer, indicating direct device operation.

### 3.3 Rain Delay Mode

Prevent overwatering during rainy periods:

- In the Smart Life app, access the rain delay function.
- Select a delay period of 24, 48, or 72 hours. The timer will pause all scheduled watering for the selected duration and resume automatically afterward.

# RAIN DELAY MODE

Avoid Overwatering



Image: The johgee Sprinkler Timer installed on a faucet during rain, with visual cues indicating options for 24, 48, and 72-hour rain delays to prevent overwatering.

## 3.4 Voice Control (Alexa & Google Assistant)

Integrate your sprinkler timer with smart home assistants:

1. **Link Accounts:** In the Smart Life app, go to "Me" > "More Services" > "Alexa" or "Google Assistant" to link your Smart Life account.
2. **Discover Devices:** Once linked, ask your voice assistant to "Discover devices."
3. **Voice Commands:** You can now use commands like:
  - "Alexa, turn on the [device name]."
  - "Hey Google, turn off the [device name]."

- "Alexa, set [device name] to water for 10 minutes."

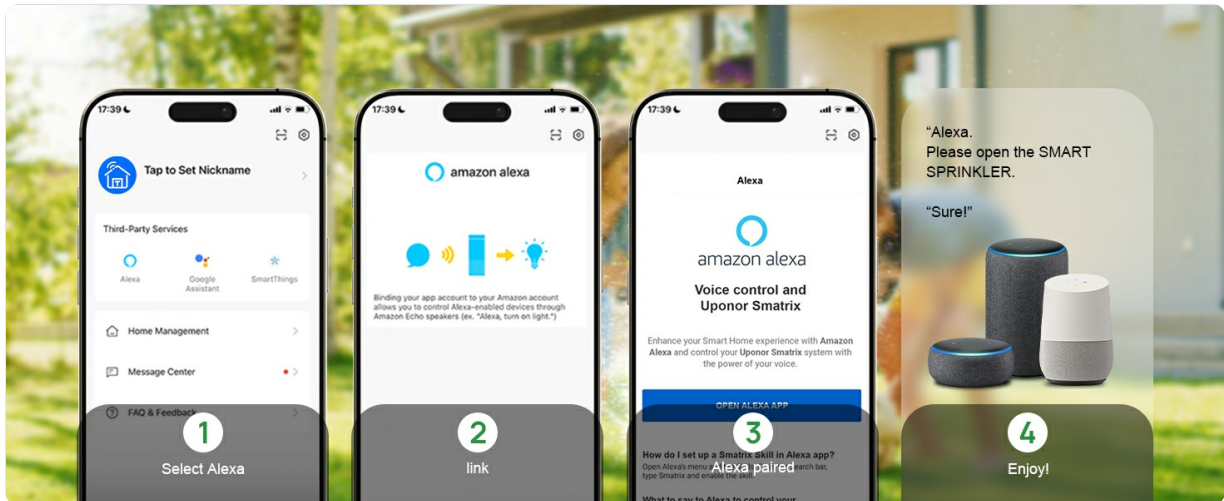


Image: A four-step guide demonstrating how to set up Alexa voice control for the sprinkler timer: 1. Select Alexa in the app, 2. Link accounts, 3. Open Alexa app to enable skill, 4. Enjoy voice commands with Alexa or Google Home devices.

## 4. MAINTENANCE

### 4.1 Charging

The timer is designed for continuous operation with its solar panel:

- **Solar Charging:** Ensure the solar panel is positioned to receive maximum direct sunlight throughout the day. This is the primary charging method.
- **USB-C Backup Charging:** In prolonged cloudy weather or low light conditions, you can charge the timer using a standard USB-C cable. The USB-C port is located on the side of the solar panel module.



Image: The johgee Sprinkler Timer demonstrating its dual charging capabilities: solar charging from sunlight and backup charging via a Type-C cable connected to a power outlet or power bank.



Image: A close-up view of the johgee Solar Smart WiFi Sprinkler Timer, showing the USB-C charging port located on the side of the solar panel module.

## 4.2 Cleaning

To ensure optimal performance and prevent clogs:

- Periodically inspect the brass water inlet and the anti-clogging filter for debris.
- If necessary, remove the timer from the faucet and gently clean the filter screen under running water.



Image: A detailed view of the johgee Sprinkler Timer's water inlet, showing the brass threading and the integrated anti-clogging filter screen.

### 4.3 Waterproofing

The timer has an IP65 rating, meaning it is protected against dust ingress and low-pressure water jets from any direction. While durable, avoid submerging the device in water.

## 5. TROUBLESHOOTING

### Common Issues and Solutions:

- **Cannot connect to Wi-Fi:**
  - Ensure your Wi-Fi network is 2.4GHz. The device does not support 5GHz networks.
  - Check your Wi-Fi password for accuracy.
  - Make sure the timer is within range of your Wi-Fi router.
  - Restart your router and try connecting again.
  - Ensure Bluetooth is enabled on your phone during the pairing process.
- **Timer not watering as scheduled:**
  - Verify that the schedule is correctly set in the Smart Life app (start time, duration, days).
  - Check the timer's battery level in the app. Ensure it is sufficiently charged.
  - Confirm that the water supply to the faucet is turned on.
  - Check for any active rain delay settings in the app.

- Inspect the filter for clogs.
- **Water leakage from connections:**
  - Ensure the timer is tightly screwed onto the faucet.
  - Check that the sealing washer is properly seated and not damaged. Replace if necessary.
  - Re-apply thread seal tape if needed.
- **App shows offline:**
  - Check your home Wi-Fi network status.
  - Ensure the timer is still powered on and charged.
  - If the issue persists, try re-pairing the device with the app.

## 6. PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	johgee
Model Number	YYDUS#QT-08W-B
Color	Black
Material	Plastic, Metal
Product Dimensions	6.9"D x 1.85"W x 4.4"H
Item Weight	14 ounces
Number of Settings	10 (customizable programs)
Waterproof Rating	IP65
Wi-Fi Compatibility	2.4GHz only
Charging Method	Solar, USB-C

## 7. WARRANTY AND SUPPORT

For product support, technical assistance, or warranty inquiries regarding your johgee Solar Smart WiFi Sprinkler Timer, please refer to the official johgee brand store or contact their customer service directly. Visit the official johgee store for more information:[johgee Store on Amazon](#)

