

Wi-Fi Smart Garden Water Timer with Soil Moisture Sensor

This automated irrigation solution features a smart water timer that connects to a garden hose. Users can schedule and control watering cycles remotely via Wi-Fi, and the system adjusts schedules based on real-time soil hydration levels from the included sensor.



ADDITIONAL IMAGES



System Overview

Smart Irrigation Control

This Wi-Fi enabled garden water timer system provides an automated solution for efficient garden maintenance. By utilizing a dedicated gateway and soil moisture sensor, it offers real-time monitoring and cloud-based control through a mobile application. The system supports both standard irrigation and misting modes, ensuring plant health while conserving water through integrated flow analysis.

Included Components

- Smart watering timer (TTV103WRF)
- Wi-Fi gateway (TWG004WRF)
- Soil moisture sensor (TCS005FRF)

Technical Specifications

Key Performance Metrics

60 m Max Transmission Distance	35 L/min Max Flow Rate	5 bar Working Pressure
--	----------------------------------	----------------------------------

Environmental Ratings

IP54 Waterproof • Dust Proof

Operating Conditions

Parameter	Value
Working Temp	3°C - 50°C
Pressure Range	0.5bar - 5bar
Battery Life	Approx. 1 Year

Installation Compatibility

3/4" Faucet, 1" Faucet, BSP Thread, NH Thread, 2.4GHz Wi-Fi

Operational Modes

Working Modes

- Irrigation Mode: Daily schedule, max 3 times/day
- Misting Mode: 5s to 59s duration, up to 15min interval
- Smart Automation: Integrated with Tuya cloud functions