

RAINPOINT HG103W-TDH

RAINPOINT WiFi Water Timer & Weather Station Hub (Model HG103W-TDH) Instruction Manual

Brand: RAINPOINT | **Model:** HG103W-TDH

PRODUCT OVERVIEW

The RAINPOINT WiFi Water Timer and Smart Hose Timer with integrated Wi-Fi Weather Station Hub offers an advanced solution for garden irrigation. This system allows for smart, usage-based, and soil moisture-based watering, providing remote control and enhanced weather awareness. The kit includes a Wi-Fi Weather Station Hub that also functions as a real-time internet weather forecaster, indoor/outdoor thermometer, hygrometer, and barometer, tracking environmental data every 3 minutes. The smart water timer supports two watering modes (Irrigation & Mist) and up to six separate watering programs with customizable start times, frequency, and duration. A built-in flow sensor provides real-time push notifications for water cut-offs, leaks, or valve failures, helping to track water usage and save resources. The system is controlled via the HomGar App (not compatible with RainPoint App) and is compatible with 2.4Ghz routers.

PACKAGE CONTENTS

- RAINPOINT WiFi Water Timer
- Wi-Fi Weather Station Hub
- Power Adapter for Hub
- Teflon Tape
- Spare Gaskets and Screen Filters
- User Manual & Quick Start Guide



Image: All components included in the RAINPOINT WiFi Water Timer and Weather Station Hub package.

Video: Unboxing and overview of the RAINPOINT WiFi Sprinkler Timer and its components.

SETUP GUIDE

App Installation

The RAINPOINT Smart Watering System is controlled via the **HomGar App**. Ensure your router operates on a 2.4Ghz band for compatibility.

1. Download the HomGar App from your device's app store.
2. Search for "HomGar" in the App Store (for iOS) or Google Play (for Android).
3. Alternatively, scan the QR codes provided in the quick start guide or on the product packaging.
4. Create an account and log in.

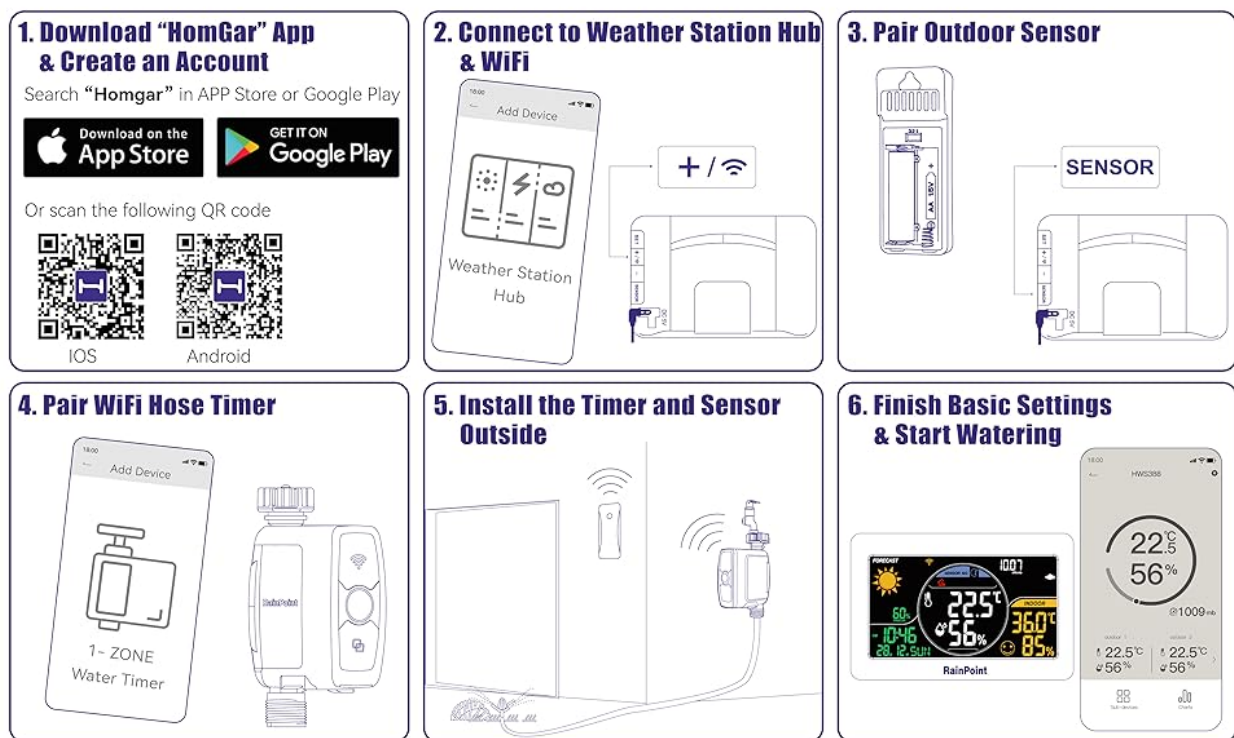


Image: Visual guide for downloading the HomGar App and initial device pairing.

Hardware Installation & Pairing

1. **Install Batteries in Water Timer:** Open the battery compartment on the water timer. Insert 4 AA batteries, ensuring correct polarity (positive, negative, positive, negative). Close the compartment securely.
2. **Connect Water Timer to Faucet:** Apply Teflon tape to the threads of your outdoor faucet. Screw the water timer onto the faucet, ensuring a secure, leak-free connection. Position the timer so the screen is easily visible.
3. **Connect Hose:** Attach your garden hose to the bottom outlet of the water timer.
4. **Plug in Wi-Fi Weather Station Hub:** Plug the Wi-Fi Weather Station Hub into an indoor power outlet near your Wi-Fi router. The hub must remain powered for continuous operation.
5. **Pair Devices with App:**
 - In the HomGar App, navigate to 'Add Device'.
 - Select the 'Weather Station Hub' option and follow the on-screen instructions to connect it to your 2.4Ghz Wi-Fi network.
 - Once the hub is connected, select 'Add Device' again and choose the '1-Zone Water Timer' (or relevant timer model).
 - Follow the app's instructions to pair the water timer with the hub.

Smart Home & Garden with HOMGAR Devices

build your smart irrigation system

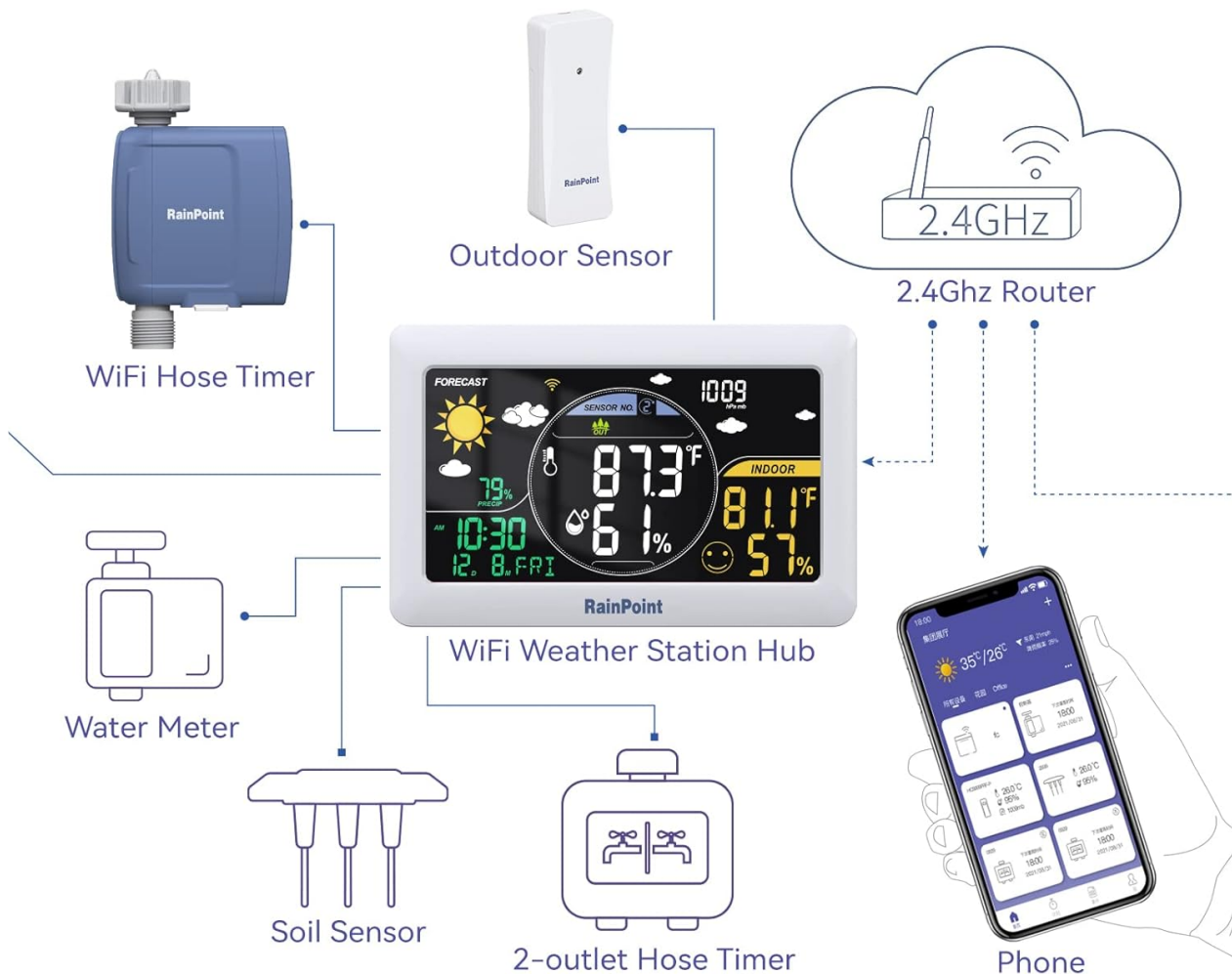


Image: Diagram illustrating the connection of the WiFi Hose Timer, WiFi Weather Station Hub, and other HomGar devices to a 2.4GHz router and smartphone app.

OPERATING YOUR RAINPOINT SMART WATERING SYSTEM

Watering Modes

The smart water timer supports two primary watering modes:

- **Irrigation Mode:** Standard watering for a set duration.
- **Mist Mode:** Intermittent watering, ideal for delicate plants or cooling.

Scheduling

You can set up to 6 separate watering programs with customized settings:

- **Start Time:** Define the exact time your watering program begins.
- **Frequency:** Choose how often the program repeats (e.g., daily, every other day, specific days).
- **Duration:** Specify the length of each watering session.
- **Watering Basis:** Water based on time, water usage, or soil moisture (soil sensor sold separately).

Remote Control & Monitoring

The HomGar App provides comprehensive control and real-time monitoring:

- **Real-time Watering Status:** View current watering activity.
- **Water Records:** Access daily and monthly water usage data.
- **Alerts:** Receive push notifications for water cut-offs, pipe leaks, clogs, or valve failures.
- **Voice Control:** Integrate with Amazon Alexa or Google Assistant for voice commands.



Image: The HomGar App displaying real-time watering status and control options.

Rain Delay

To prevent overwatering during rainy periods, you can activate the Rain Delay feature via the app. This will pause scheduled watering for a specified duration (24, 48, or 72 hours).



Image: The Rain Delay option within the HomGar App, allowing users to pause watering schedules.

MAINTENANCE

- **Battery Replacement:** The water timer requires 4 AA batteries. Replace them as needed to ensure continuous operation. The hub is powered by a wall adapter and does not require batteries.
- **Winterization:** During freezing temperatures, it is highly recommended to disconnect the water timer from the faucet and bring it indoors to prevent damage.
- **Cleaning:** Periodically check and clean the screen filter in the timer's inlet to prevent debris from affecting water flow.

TROUBLESHOOTING

- **Wi-Fi Connection Issues:** Ensure your router is set to 2.4Ghz. The HomGar Series is only compatible with the HomGar App, not the RainPoint App.
- **Hub Display Not Showing Timer Functions:** The Wi-Fi Weather Station Hub primarily displays weather and environmental data. Timer control and detailed status (on/off, battery, water usage) are managed through the HomGar App on your smartphone.
- **Inaccurate Sensor Readings:** If the outdoor sensor or soil sensor (if purchased separately) provides inaccurate readings, ensure proper placement and check for any obstructions. Note that the outdoor sensor is not fully waterproof and should be deployed away from direct rain and sun.
- **Water Leaks:** Ensure all connections (faucet to timer, timer to hose) are tight and properly sealed with Teflon tape and gaskets.
- **Timer Not Watering:** Check battery levels in the water timer. Ensure the Wi-Fi Weather Station Hub is plugged in and connected to Wi-Fi. Verify that watering schedules are correctly set in the HomGar App.

SPECIFICATIONS

Feature	Detail
Brand	RAINPOINT
Model Number	HG103W-TDH
Color	Blue
Material	Plastic
Product Dimensions	1.6"D x 4"W x 6"H
Item Weight	1.94 pounds
Number of Settings	6 (watering programs)

Connectivity

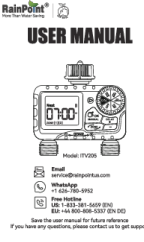



Wi-Fi (2.4Ghz)



WARRANTY AND SUPPORT

RAINPOINT offers the following warranty and support for your product:

- **180-Day Free Replacement:** If you are not satisfied with the user experience, contact RAINPOINT within 180 days of purchase for a free replacement.
- **3-Year Partial Refund & Replacement:** Partial refund and replacement options are available within 3 years of purchase, even if the Amazon return window has closed.
- **Telephone Support:** Remote installation instructions and assistance are available via telephone support.

Related Documents - HG103W-TDH

 <p>USER MANUAL Model ITV205</p> <p>Email: info@rainpointusa.com WhatsApp: +1 626-765-5952 Toll-free: 1-822-381-4409 (US) Fax: +1 626-765-5952 (US)</p> <p>Save the user manual for future reference. If you have any questions, please contact us to get support.</p>	<p>RainPoint ITV205 Water Timer User Manual</p> <p>Comprehensive user guide for the RainPoint ITV205 automatic garden hose timer, covering setup, programming for multiple zones, rain delay, manual watering, troubleshooting, and maintenance.</p>
 <p>USER MANUAL 1-Zone Water Timer Model No. ITV105</p> <p>Save the user manual for future reference. If you have any questions, please contact us to get support.</p>	<p>RainPoint 1-Zone Water Timer User Manual (Model ITV105)</p> <p>Comprehensive user manual for the RainPoint ITV105 1-Zone Water Timer, detailing installation, programming, additional functions like Rain Delay and Manual Watering, troubleshooting, precautions, and warranty information.</p>
 <p>USER MANUAL <input type="checkbox"/> English <input type="checkbox"/> Español Model ITV105</p> <p>Email: info@rainpointusa.com WhatsApp: +1 626-765-5952 Toll-free: 1-822-381-4409 (US) Fax: +1 626-765-5952 (US)</p> <p>Save the user manual for future reference. If you have any questions, please contact us to get support.</p>	<p>RainPoint ITV105 Automatic Water Timer User Manual</p> <p>User manual for the RainPoint ITV105 automatic water timer, detailing installation, programming, operation, maintenance, and troubleshooting for efficient garden watering.</p>
 <p>QUICK START GUIDE Model ITV305/ITV405</p>	<p>RainPoint ITV305/ITV405 Quick Start Guide: Easy Hose Timer Setup</p> <p>Get your RainPoint ITV305 and ITV405 hose timers up and running quickly with this easy-to-follow quick start guide. Learn installation, battery insertion, programming, and troubleshooting for your garden watering.</p>

<div><p>USER MANUAL</p><p>Model No. TCS005FRF</p><p>Email: support@rainpointusa.com WhatsApp: +1 631-565-0912 Phone Number: +1 631-565-0912 Fax: +1 631-565-0912 RainPoint USA, Inc. 100-100 100th Ave, Suite 100 Flushing, NY 11354-2000 © 2024 RainPoint USA, Inc.</p><p>Save this user manual for future reference If you have any questions, please contact us to get support</p></div>	<p>RainPoint TCS005FRF Wi-Fi Soil Moisture Sensor User Manual</p> <p>This user manual provides comprehensive instructions for the RainPoint Wi-Fi Irrigation Soil Moisture Sensor (Model TCS005FRF). Learn about product specifications, main functions, installation steps, warranty information, and customer support to optimize your garden's watering.</p>
<div><p>Instruction Manual</p><p>1 Zone WiFi Water Timer with WiFi Hub</p><p>Model: TTV103WRF + TWG004WRF</p><p>Customer Support: Email: support@rainpointusa.com WhatsApp: +1 631-565-0912 Phone Number: +1 631-565-0912 Fax: +1 631-565-0912 RainPoint USA, Inc. 100-100 100th Ave, Suite 100 Flushing, NY 11354-2000 © 2024 RainPoint USA, Inc.</p><p>Save this user manual for future reference If you have any questions, please contact us to get support</p></div> 	<p>RainPoint 1 Zone WiFi Water Timer with WiFi Hub Instruction Manual</p> <p>Comprehensive instruction manual for the RainPoint 1 Zone WiFi Water Timer (TTV103WRF) and WiFi Hub (TWG004WRF), covering installation, app setup, programming, smart features, troubleshooting, and support.</p>