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› [RAINPOINT Soil Moisture Meter, Smart 3-in-1 Soil Moisture/Temperature/Light Tester with Reliable Data, Wireless Soil Moisture Sensor with WiFi Hub for Garden, Lawn, Farm, Indoor & Outdoor, APP Control](#)

RAINPOINT HCS021FRF (Sensor) & HWG004WRF (WiFi Hub)

RAINPOINT Smart 3-in-1 Soil Moisture Meter & WiFi Hub User Manual

Model: HCS021FRF (Sensor) & HWG004WRF (WiFi Hub)

1. INTRODUCTION

The RAINPOINT Smart 3-in-1 Soil Moisture Meter and WiFi Hub system provides comprehensive monitoring of soil moisture, temperature, and light intensity for your plants. This intelligent system allows you to access real-time data and manage your irrigation remotely via the HomGar APP, ensuring optimal growing conditions for your garden, lawn, farm, or indoor plants.

Video: Overview of the RAINPOINT WiFi Soil Moisture Meter.

2. WHAT'S IN THE BOX

Upon unboxing your RAINPOINT system, please verify that all components listed below are present:

- Soil Moisture Sensor (Model: HCS021FRF)
- Smart Irrigation Hub (Model: HWG004WRF)
- Quick Start Guide
- Sensor User Manual
- Hub User Manual
- Warranty Card

Video: Unboxing and contents of the WiFi Soil Moisture Sensor and Smart Socket Hub.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components and their functions:

Smart Irrigation Hub

The Smart Irrigation Hub acts as the central communication point for your RAINPOINT devices.

- **Control Button:** Used for pairing and resetting the hub.
- **Smart Socket:** Allows the hub to be plugged into a standard power outlet.



Image: The RAINPOINT Soil Moisture Meter, WiFi Hub, and a smartphone displaying the app interface.

Soil Moisture Sensor

The Soil Moisture Sensor measures key environmental parameters in the soil.

- **Operation Button:** Used for pairing and resetting the sensor.
- **Battery Cover:** Protects the battery compartment.

MODERN DESIGN

Equipped with the Intelligent Sensor



Image: Close-up of the RAINPOINT Soil Moisture Sensor highlighting its modern design and intelligent sensor for surface temperature, soil moisture, and light intensity.

4. SETUP

4.1 HomGar APP Download & Account Creation

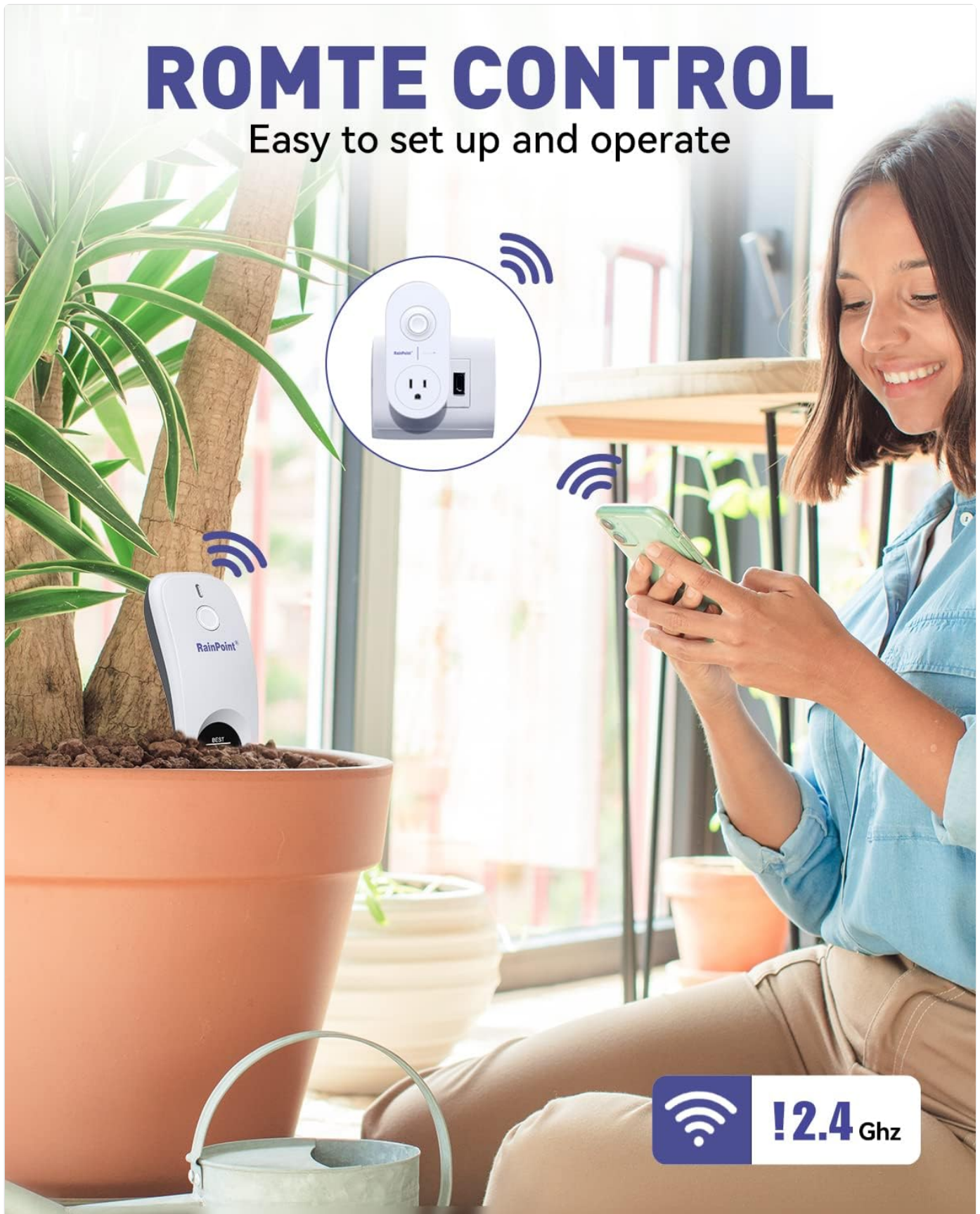
1. Download the **HomGar APP** from your device's app store (iOS or Android) or by scanning the QR code provided in

the Quick Start Guide.

2. Open the HomGar APP and register a new account or log in if you already have one. Follow the on-screen prompts to complete the registration/login process.
3. Allow the HomGar APP to use your location to enable weather information and other location-based features.

REMOTE CONTROL

Easy to set up and operate







The image shows a woman in a blue shirt and tan pants sitting on a bench, smiling and looking at her smartphone. In the foreground, a large terracotta pot contains a plant with a white RainPoint device inserted into the soil. A callout circle shows the device plugged into a wall outlet. Blue Wi-Fi symbols are placed near the plant and the woman's phone. A badge in the bottom right corner features a Wi-Fi symbol and the text '!2.4 Ghz'.



Image: A woman using the HomGar app on her smartphone to remotely control and monitor RAINPOINT devices, emphasizing the 2.4GHz WiFi connection.

4.2 Smart Irrigation Hub Connection

1. Plug the Smart Irrigation Hub into a power outlet near your WiFi router.
2. Open the HomGar APP. From the home page, tap the "+" button in the top right corner to add a device.
3. Select **"Socket Hub"** from the device list.
4. Enter your **2.4GHz WiFi network password**. If your router is dual-band and you cannot identify the 2.4GHz network, please refer to your router's settings or tap the

Related Documents - HCS021FRF (Sensor) & HWG004WRF (WiFi Hub)

	<p>RainPoint Smart Soil Moisture Sensor System Quick Start Guide for HCS021FRF and HWG004WRF</p> <p>Comprehensive quick start guide for the RainPoint smart soil moisture sensor system. Learn how to connect, install, and troubleshoot your HCS021FRF and HWG004WRF devices for optimal garden and lawn monitoring.</p>
	<p>RainPoint HCS026FRF WiFi Soil Moisture Sensor User Manual</p> <p>User manual for the RainPoint HCS026FRF WiFi Soil Moisture Sensor, detailing its features, installation, pairing with a WiFi hub, moisture alert settings, sharing capabilities, troubleshooting, warranty, and customer support.</p>
	<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>
	<p>RainPoint HCS021FRF Soil Moisture Sensor User Manual</p> <p>User manual for the RainPoint HCS021FRF Soil Moisture Sensor, detailing product overview, specifications, connection, installation, app features, troubleshooting, warranty, and FCC statement.</p>

	<p>RainPoint HCS021FRF-DLS Soil & Moisture Sensor User Manual</p> <p>User manual for the RainPoint HCS021FRF-DLS Smart Soil & Moisture Sensor, detailing its features, specifications, connection, installation, app functions, troubleshooting, and warranty.</p>
	<p>RainPoint WI-FI Irrigation Soil Moisture Sensor User Manual</p> <p>User manual for the RainPoint WI-FI Irrigation Soil Moisture Sensor (Model No. ICS0001W), detailing its main functions, specifications, operating instructions, and troubleshooting.</p>