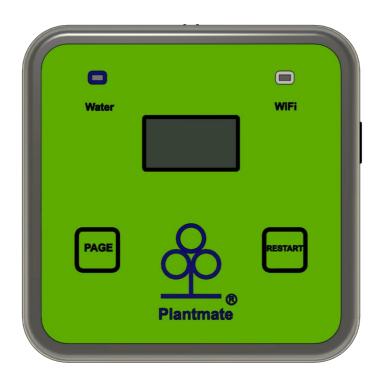
Plantmate® Automatic Watering System

Model: PMWC-02

User Guide



Scan to watch how to use the Cube on Video



Plantmate ®

Model: PMWC-02

www.plantmate.ca

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Overview

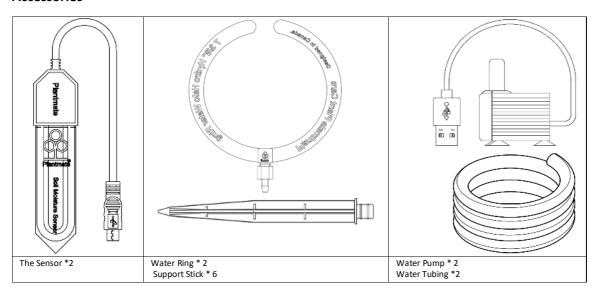
Thank you for purchasing the Plantmate® PMWC-02 Automatic Watering System.

This smart watering system helps maintain healthy plants by monitoring soil moisture and automatically supplying water as needed.

Package Contents

- PMWC-02 Main Unit
- Soil Moisture Sensors × 2
- Water Pumps × 2
- Water Tubing × 2
- Water Rings × 2
- Support Sticks × 6
- Illustration Card
- User Guide

Accessories



Requirements

- A stable Wi-Fi network with Internet access
- A DC 5V USB-C power source (≥ 2.0A)
- A water container large enough for two pumps

- A USB-C cable long enough to reach your outlet
- A pair of scissors to cut tubing
- (Optional) A microSD card (≤ 16GB, recommended: 1GB SDHC Class 10, formatted FAT32)

⚠ Your mobile device or computer and the PMWC-02 must be connected to the **same Wi-Fi network** during setup.

The system range is approximately **30 meters (100 feet)** from your router.

Before You Begin

(Water container and USB-C cable purchased separately.)

- 1. Place a cloth nearby in case of water spills.
- 2. Prepare your water container and USB-C power cable.
- 3. Connect the accessories following the illustrations provided in the package, but **do not plug in the power cable yet**.

Assembly Instructions

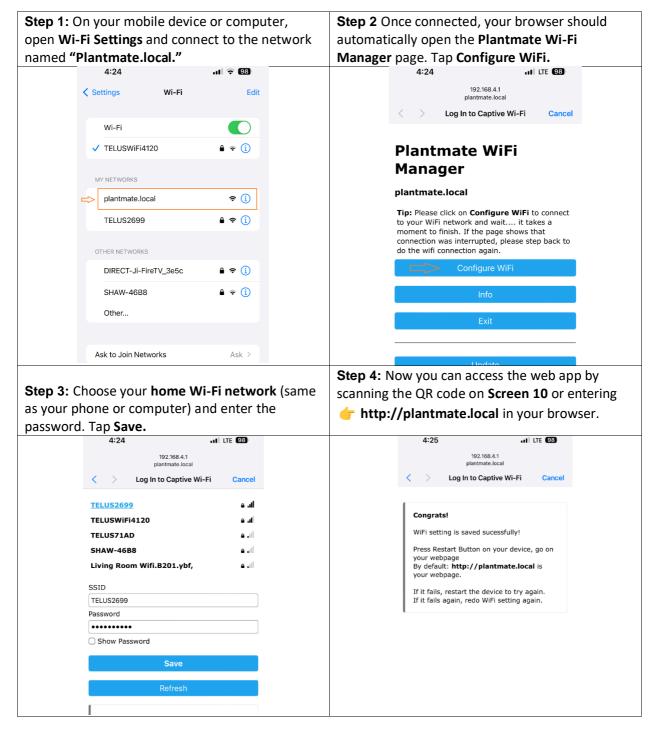
- 1. Insert three support sticks into each water ring and place them into the soil.
- 2. Insert the **moisture sensor** into the soil **close to** the nozzle hole.
 - If the sensor is too far from the nozzle hole, the device may not detect moisture accurately.
- 3. Place each **pump** into the water container.
 - The water container should be positioned **lower than the plant pots**.
- 4. Repeat for the second plant if using two.

Wi-Fi Connection Setup

⚠ If you have multiple PMWC-02 devices that have been set up under the same wi-fi network, you need to change the other webapp names other than http://plantmate.local before setting up this device.

Plug in the power cable. The device screen will turn on. Complete configuration within 2 minutes. WiFi Configs Model: If WiFi network has been Reset? Configure it within 2 minutes. Otherwise Device will Restart in 2 minutes.

Follow the 4 steps to finish the Wi-Fi Connection Setup

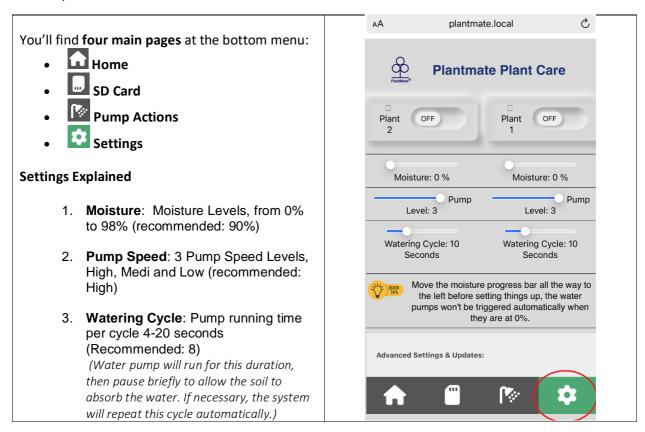


If connection fails:

- Press the [Restart] button on your device and try again.
- If still unsuccessful, use a **pen or pin** to press the **Wi-Fi Reset** button on the back and redo the setup.

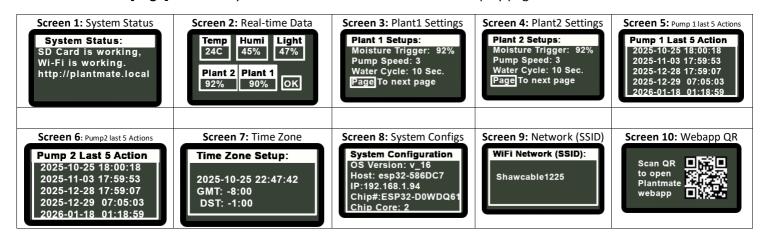
Web App Overview

Open your browser and go to http://plantmate.local (on a device connected to the same Wi-Fi network).



Device Screen Guide

Press the [Page] button on your device to switch between the 10 display pages:



Reset Options

Wi-Fi Reset

- Deletes your Wi-Fi settings.
- Use when you've changed your router or Wi-Fi password.
- Press the **Wi-Fi Reset** button on the back using a pen or pin, then follow the *Wi-Fi Connection Setup* steps again.

Factory Reset

- Erases **all** settings and configurations.
- Use a pen or pin to press the **Factory Reset** button on the back.

LED Indicators

■ Blue (flashing) Tank Empty Refill the water container
 ○ White (flashing) Wi-Fi Error Check your Wi-Fi connection

Frequently Asked Questions (FAQ)

Q1: How can I check the system status?

A: Press the [Page] button on the device or open your web app.

Q2: What is the Wi-Fi coverage range?

A: Approximately 30 meters (100 feet). Move the device closer to your router if connection drops.

Q3: The device shows "Check Water Needed" but my tank is full.

A: Make sure the **moisture sensor** is placed **close to the nozzle hole**. If it's too far, moisture readings will be inaccurate.

Q4: How do I reset the soil moisture sensors?

A: Open the web app, go to Advanced Settings, and follow the on-screen reset instructions.

Q5: My microSD card isn't working, or the web pages are blank.

A:

- Use a 1GB-16GB SDHC Class 10 card formatted as FAT32.
- If files on the SD card are too large, delete old files to free up memory.

- Remove and reinsert the card to refresh the system.
- Always back up important files before deleting.

Q6: Who can access my device?

A: Anyone connected to the same local Wi-Fi network (e.g., family members).

Q7: Can someone outside my Wi-Fi network access it?

A: No. The device is accessible only within your local Wi-Fi network.

Q8: I see a "DNS_PROBE_FINISHED_NXDOMAIN" error. What should I do?

A:

- Use https://plantmate.local, not https://.
- Ensure your phone or computer is on the same Wi-Fi network as the device.
- Move the device closer to your router.
- If you have Wi-Fi boosters or multiple networks, switch to the one with the strongest signal.

Safety & Maintenance

- Keep the device dry; avoid water contact with electrical parts.
- Always unplug before cleaning.
- Use clean water to prevent clogging in the pumps and tubing.
- Do not disassemble or modify the device.

Support

If you experience any issues or have questions, please contact:

plantmateinfo@gmail.com

www.plantmate.ca