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DREAME

DREAM A2 Robotic Mower



Product Information

Specifications

- **Robot Lawn Mower Dimensions:** 666 x 444 x 273mm
- **Robot Lawn Mower Weight:** 16.3kg
- **Boundary Setup Type:** Dual-Map Mapping & Navigation
- **Obstacle Avoidance:** Multi-Zone Management
- **Mowing Capacity:** AI Auto & Remote Control
- **Mowing Modes:** OmniSense™ 2.0 with Quiet Hub Motor
- **Cutting Height:** Adjustable
- **Edge Retention:** EdgeMaster™ Dual-Map & Zone
- **Max. Slope Performance:** Enhanced by AI
- **Drive System:** 3D Omni Obstacle Avoidance
- **Garden Guardian Link Module:** Yes
- **Noise Level:** < 55dB

Product Usage Instructions

Boundary Setup and Mapping

Utilize the Dual-Map Mapping & Navigation feature to set up boundaries for the robotic mower. Ensure obstacles are marked for efficient obstacle avoidance during operation.

Mowing Modes and Cutting Height Adjustment

Select the desired mowing mode using OmniSense™ 2.0 with Quiet Hub Motor technology. Adjust the cutting height based on your lawn's requirements for optimal results.

Edge Cutting and Retention

EdgeMaster™ Dual-Map & Zone technology enables precise edge cutting. Ensure the Edge Retention feature maintains a clean and well-defined lawn perimeter.

Safety Features and Garden Monitoring

Benefit from AI vision and LiDAR technology for enhanced safety during operation.

Utilize the AI 1080p HDR camera for real-time garden monitoring to track any unusual

activity.

INTRODUCTION

Roboticmower A2 will be your smart, automatic mowing companion that transforms garden care from a chore into a delight. The OmniSense™ 2.0 3D ultra-sensing system automatically sets boundaries and accurately creates 3D maps for yards up to 3,000m². The new AI vision technology enhances obstacle avoidance and provides added garden security. Beyond, EdgeMaster™ allows A2 to cover garden edges more thoroughly. Multiple map and zone options offer a personalized lawn mowing experience.

Key Selling Points

- **More Details, More in Control**

Experience smart lawn care with OmniSense™ 2.0. Its 3D sensing and HDR camera offer detailed views for auto boundary setup and precise mapping for easy maintenance. No wiring or RTK base station installation is required.



- **Ultimate Cutting to the Edge**

EdgeMaster™ Technology helps extend A2's blade disc for close edge cutting, keeping the disc-to-edge distance less than 5cm* for thorough mowing and maximum coverage.



- **Advanced AI Vision, Enhanced Safety**

With AI vision and LiDAR, A2 navigates your yard effortlessly, avoiding various items and small obstacles to ensure enhanced safety for your family and pets.



- **Thoughtful Garden Guardian**

A2 features an AI 1080p HDR camera for real-time garden monitoring, allowing you to set patrol schedules and track any abnormal human activity.



Specifications

- **Robot Lawn Mower Dimensions** 666 x 444 x 273mm
- **Robot Lawn Mower Weight:** 16.3kg
- **Boundary Setup Type:** AI Auto & Remote Control
- **Dual-Map** Yes
- **Mapping & Navigation** OmniSense™ 2.0: 3D Ultra-Sensing System with AI Camera
- **Obstacle Avoidance** 3D LiDAR + AI Vision
- **Multi-Zone Management** Yes
- **Mowing Capacity** 3,000m²
- **Mowing Modes:** All-Area/Zone/Edge/Spot/Manual
- **Cutting Height** 3–7cm
- **Edge Retention** Disc-to-Edge Distance: < 5cm
- **Max. Slope Performance** 50% (26.5°)
- **Drive System** Two-Wheel + Hub Motor
- **Garden Guardian** Yes
- **Link Module** Yes
- **Noise Level** < 55dB

Features



OmniSense™ 2.0
3D Ultra-Sensing System



EdgeMaster™
Cutting System



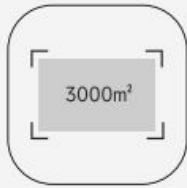
Dual-Map & Zone
Management



Quiet Hub Motor
for 26.5° Slope



AI-Powered Auto
Boundary Setup



Dual-Fusion Mapping
for 3,000m² Lawns



Garden
Guardian



3D Omni Obstacle
Avoidance Enhanced
by AI

What's in the Box



Robot Lawn Mower
x1



Charging Tower x1 &
Baseplate x1



Adapter
x1



Cleaning Brush
x1



Hex Key x1 &
Screws x8



Spare Blade Kit
x81



Lint-Free Cloth
x1



Quick Start Guide
x1



User Manual
x1

ABOUT COMPANY

- Inquiry sales@dreame.tech
- Official Website <https://global.dreametech.com/>

FAQ

- **Is a base station installation required for this robotic mower?**

No, the DreameRobotico e2 does not require any wiring or RTK base station installation for operation.


- **What is the noise level of the robotic mower?**

The noise level of the DreameRobotico A2 is less than 55dB, ensuring quiet operation.

- **How can I contact customer support for inquiries?**


For inquiries, you can reach out to sales@dreame.tech or visit the official website at <https://global.dreametech.com/> for more information.


Documents / Resources

	DREAME A2 Robotic Mower [pdf] Instructions A2 Robotic Mower, A2, Robotic Mower, Mower
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References

- [User Manual](#)

 A2, A2 Robotic Mower, dreame, Mower, Robotic

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