UBHOME

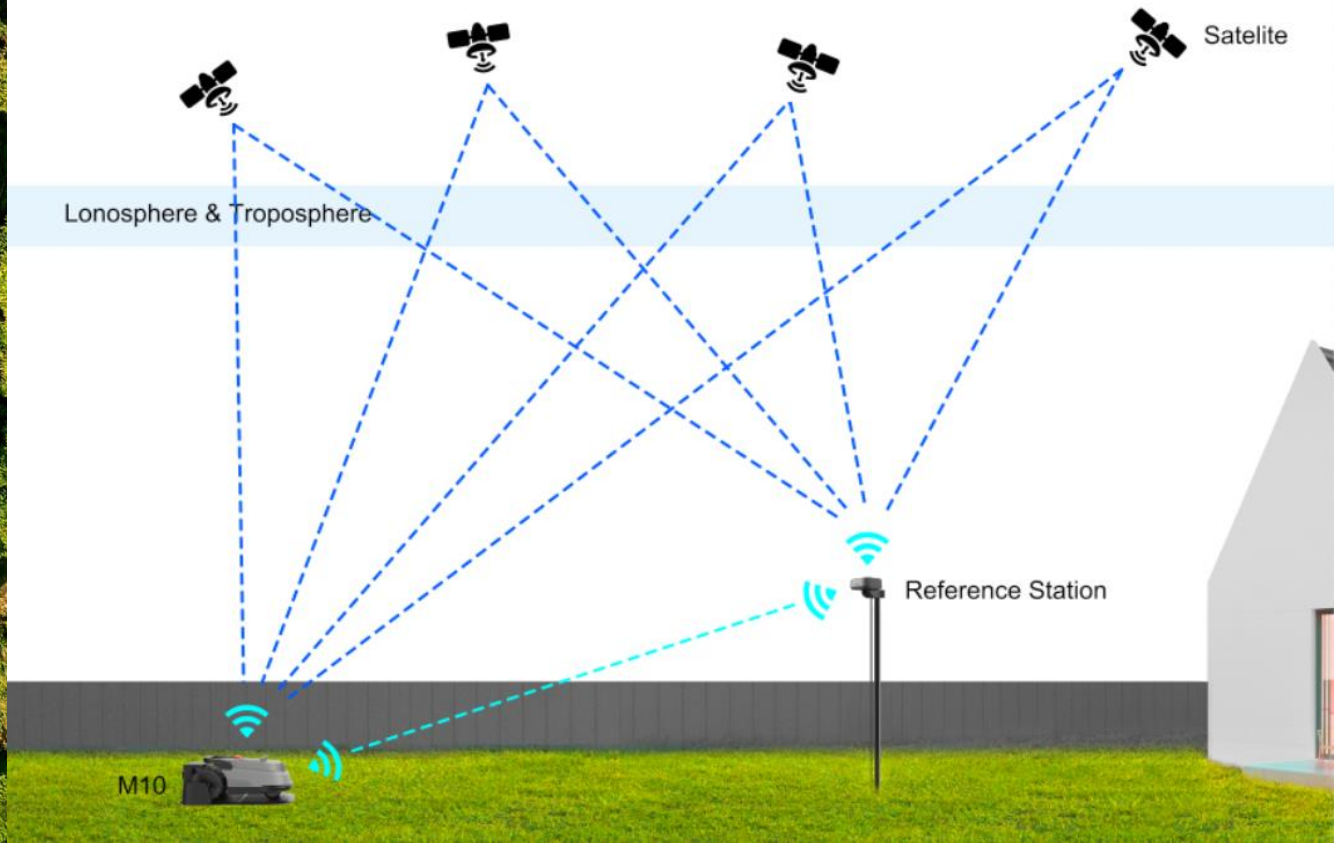
Robotic Mower M10

Wire Free Robot Lawn Mower

Virtual Boundaries

RTK+Vision+Inertial navigation fusion system
Easily set boundaries, without the trouble of traditionally buried boundary lines.

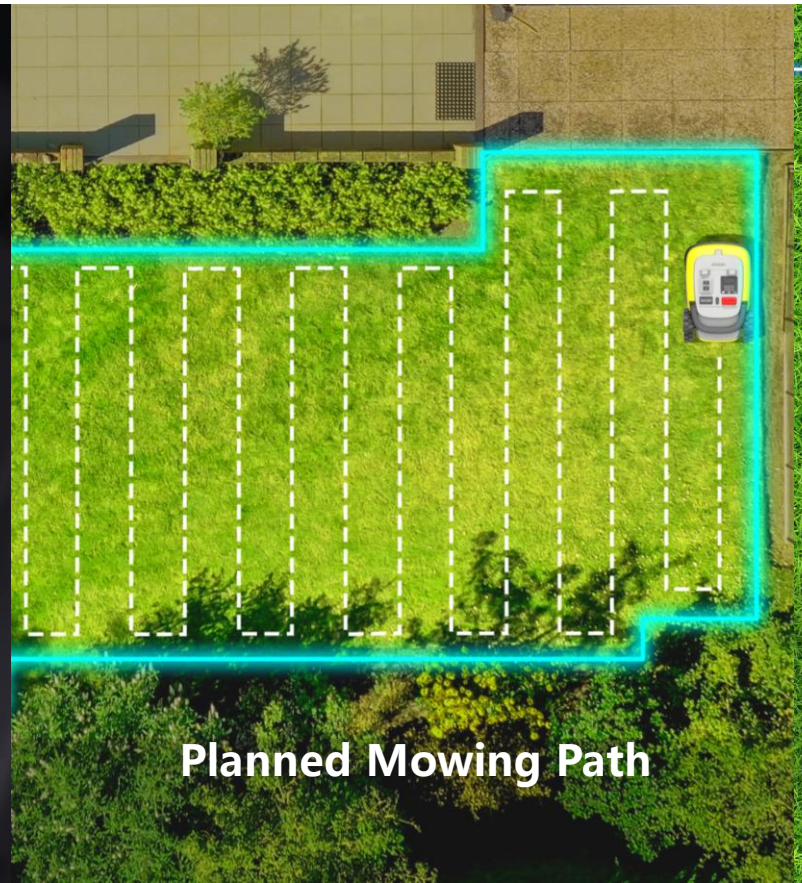
- RTK centimeter-level precision positioning boundary
- Visual identifiable grass and non-grass, assisting in boundary positioning
- In case of loss of RTK signal due to tree occlusion, Inertial Navigation + Vision also ensures high-precision positioning

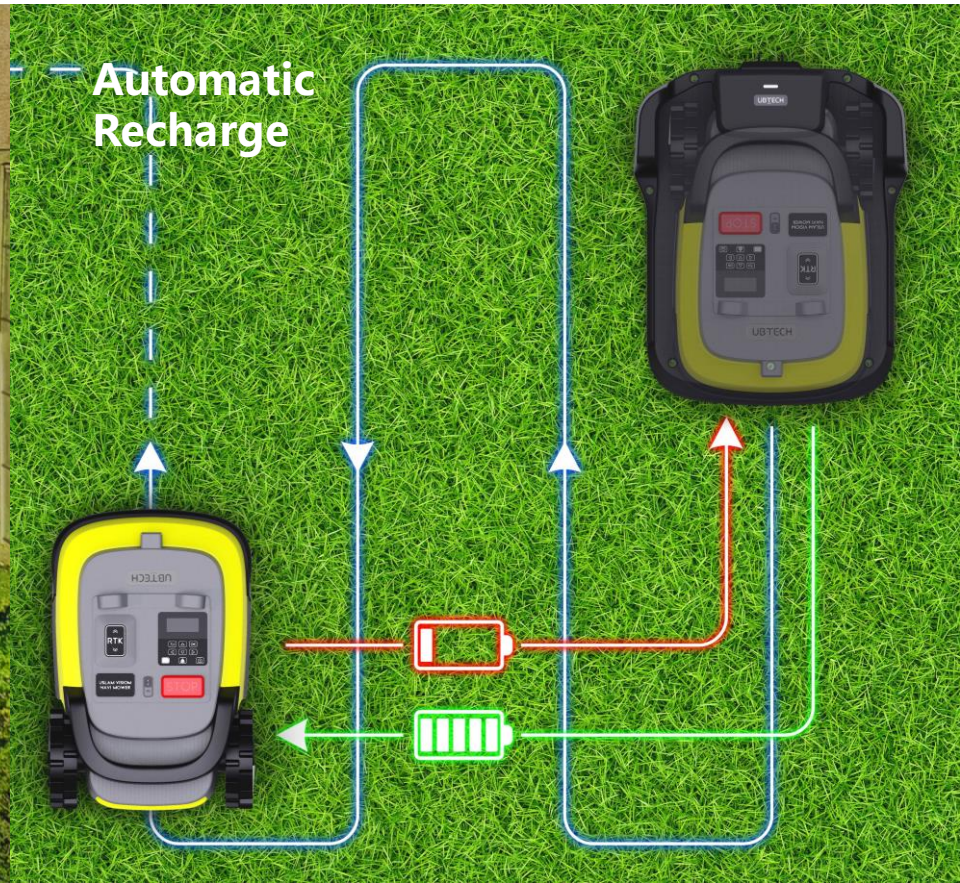


Efficient Mowing

RTK + Visual fusion, planned mowing path, more worry-free and efficient.

- 230mm wide cutter disc, mowing more at the same time.
- Autonomous planning of the optimal mowing path according to different lawn areas.
- The max. mowing efficiency can reach 200 ㎡/h, about 900/1200 ㎡(PRO version) per day.
- After being fully charged, it supports long-term mowing for 1.5/3h (PRO version). When the power is low, it automatically returns to the Charging Station. After the power is sufficient, it automatically returns to the previous pause position to continue the mowing task.



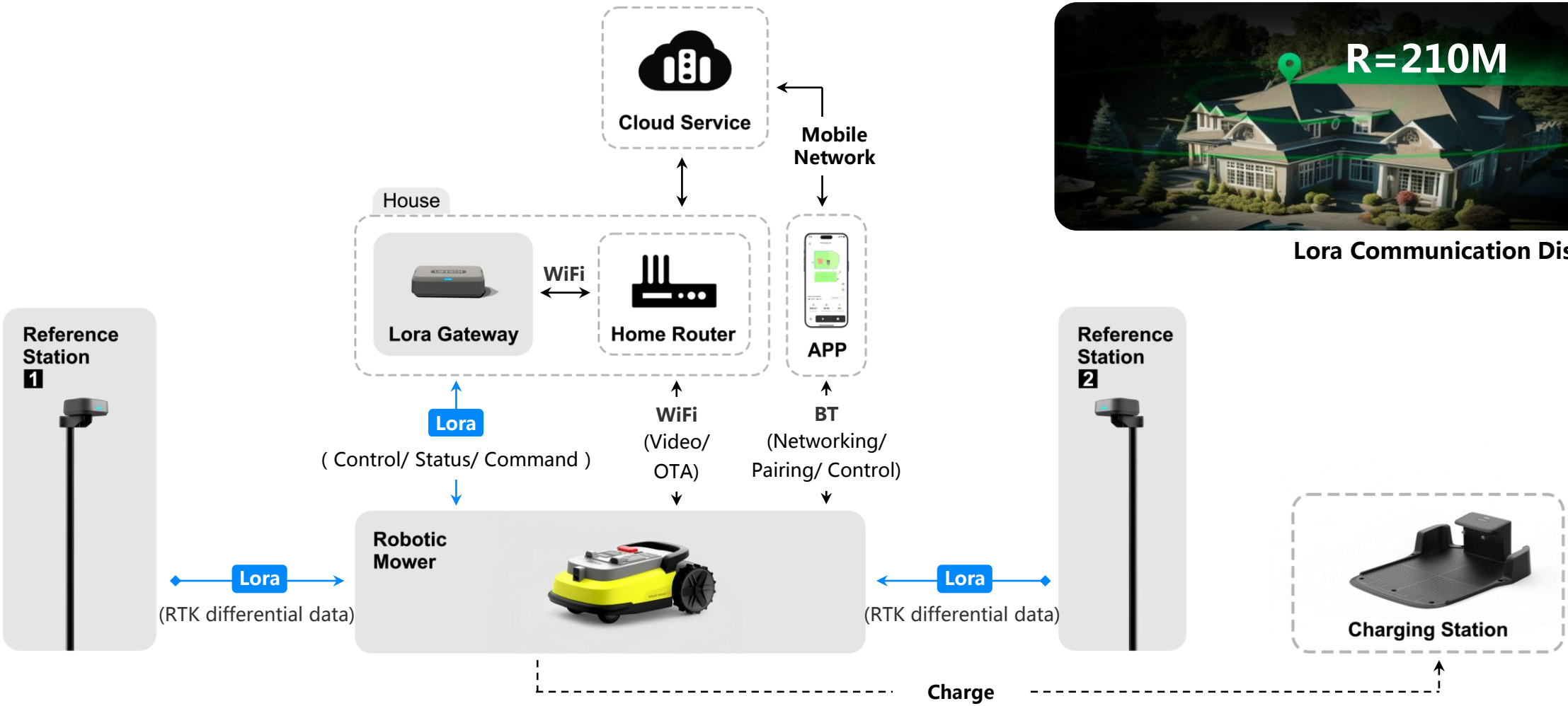


Lossless and Long Distance Communication

Using lora communication technology, within a radius of 210m, the Robotic Mower is always online and never loses contact.

- The indoor Lora Gateway uses Lora to communicate with the Robotic Mower. The signal through the wall is stable and the status of the Robotic Mower can be checked in real time.
- The Robotic Mower and the Reference Station use Lora to communicate. Positioning data will never be lost.

Lora Communication Distance



Dual Reference Stations

Unique dual Reference Station technology meets more scenarios in the front yard and backyard, covering every part of the courtyard.

- The use of dual Reference stations can meet more complex user scenarios and make full use of RTK technology principles to enable the Robotic Mower to be positioned more accurately no matter where it is in the yard.

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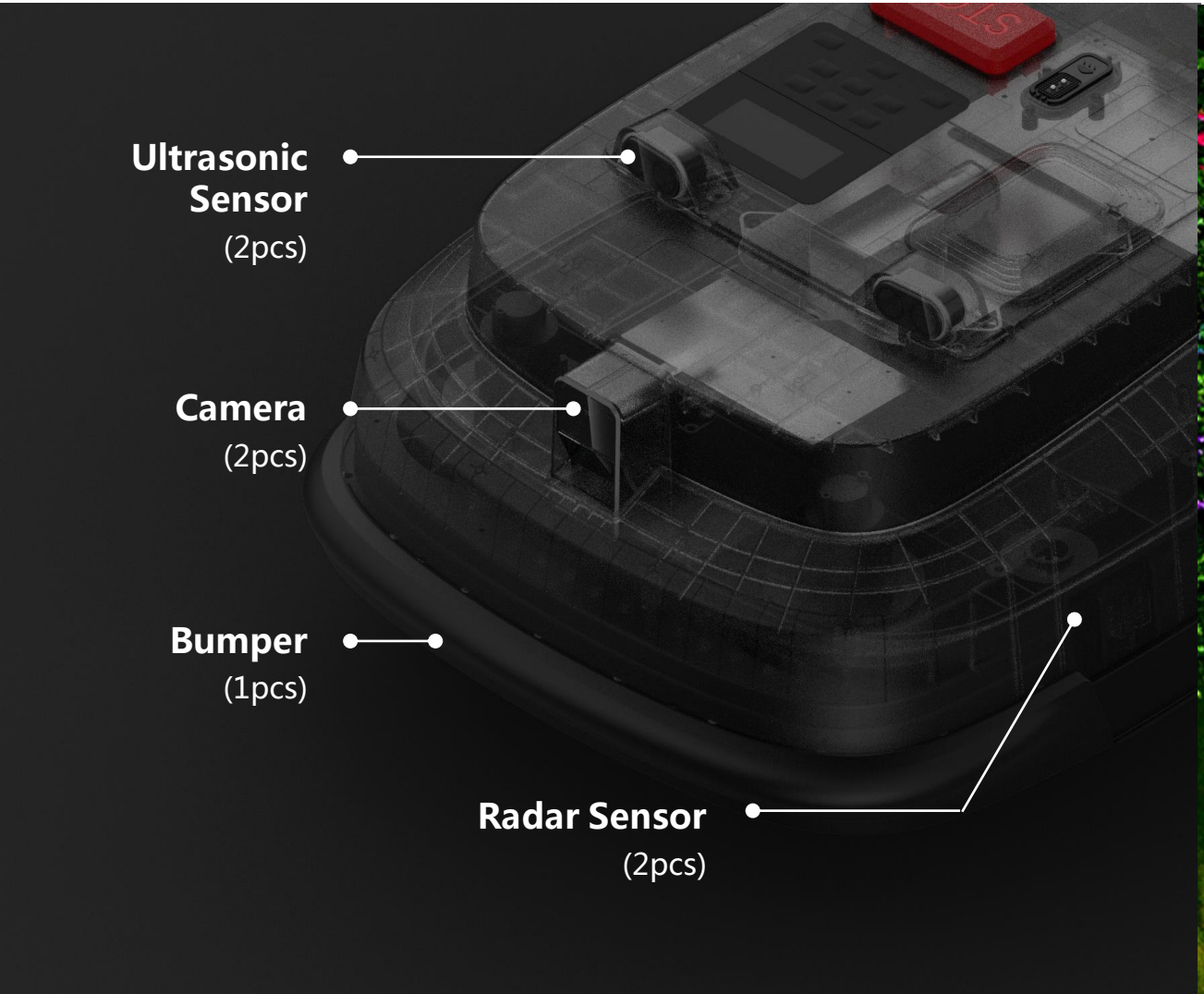
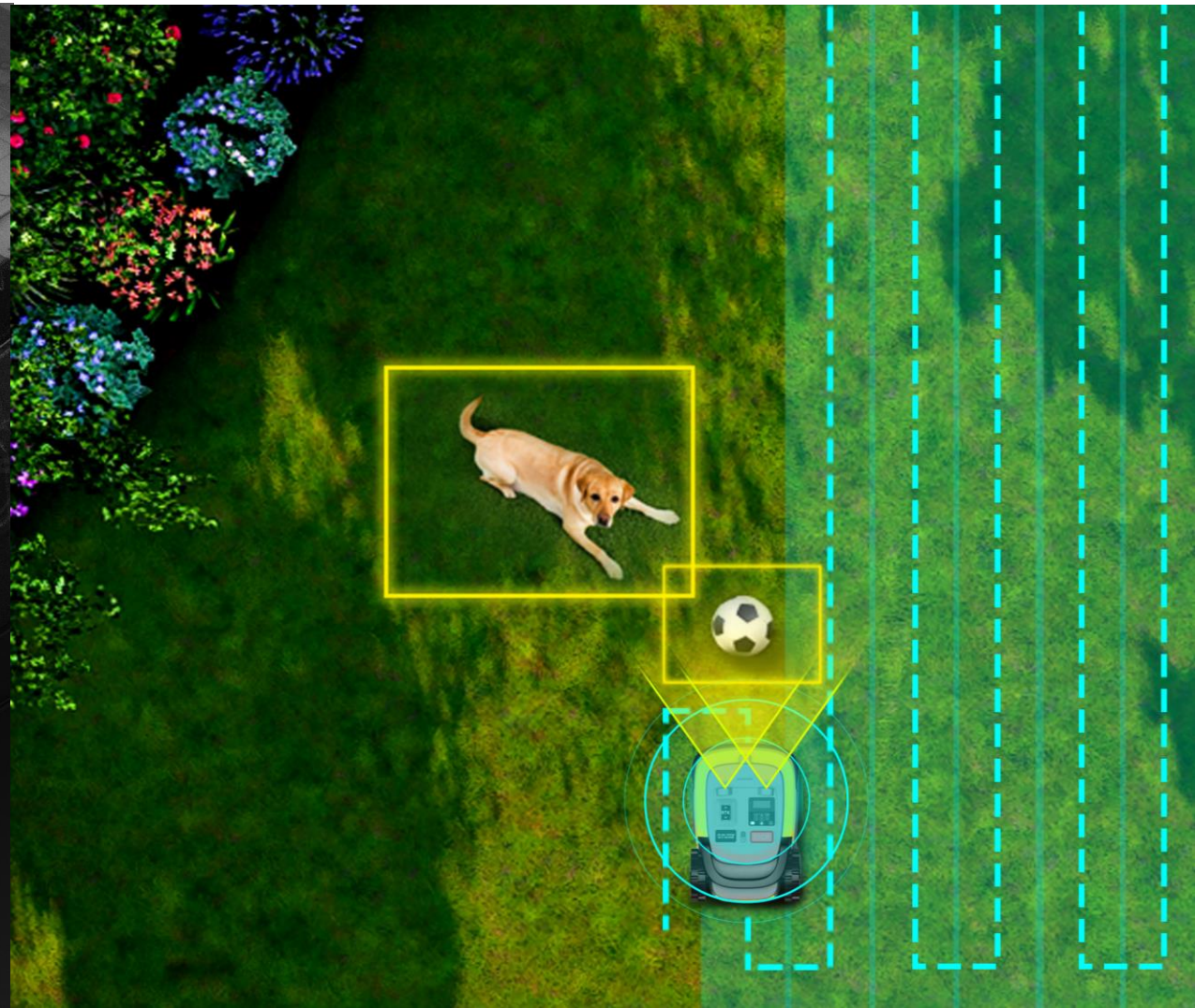
Smart Obstacle Avoidance

The obstacle avoidance system composed of 7 high-precision sensors ensures that there are no blind spots forward and sideways, protecting your family and pets in all aspects.

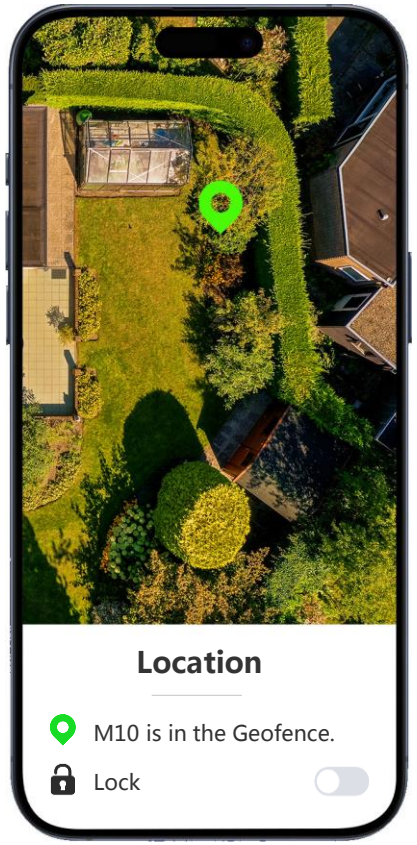




Safer Against Theft

Positioning all the time

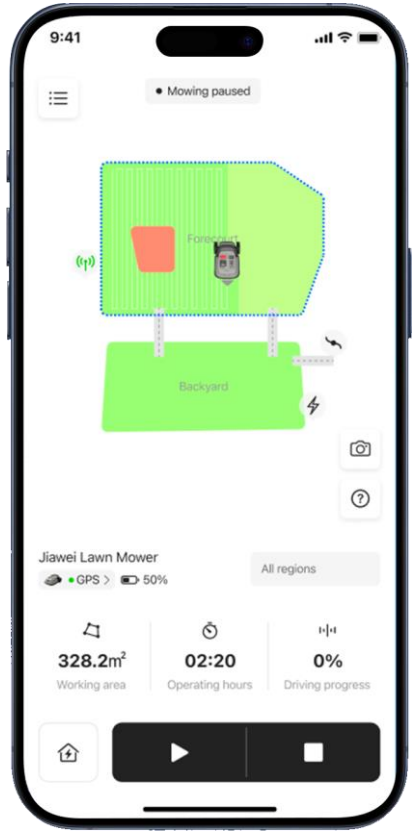
- If the Robotic Mower leaves the safe area (Geofence), alert immediately.
- If lost, it can be located, retrieved and locked.



APP Remote Control

Full knowledge of the garden situation

- Start the mowing task with one click in the APP, so that you can also have a beautiful lawn outdoors.
- Real-time reporting of mowing status (notify the elderly and view in the APP)
- Turn on monitoring and view the current situation of the courtyard in real time



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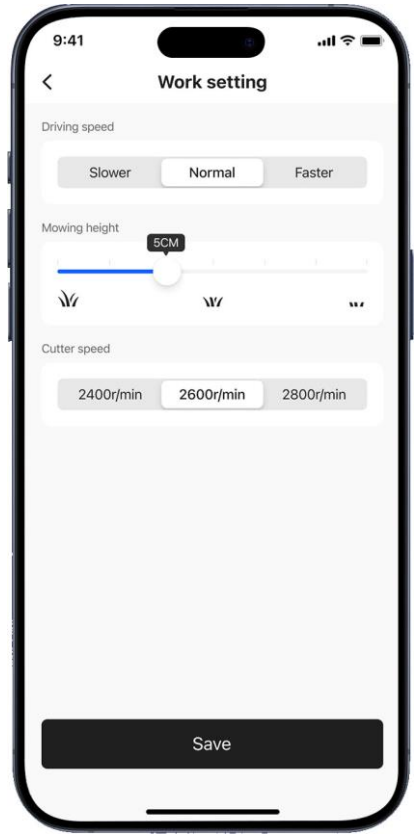
Multi-Zone Management, Personalized Settings

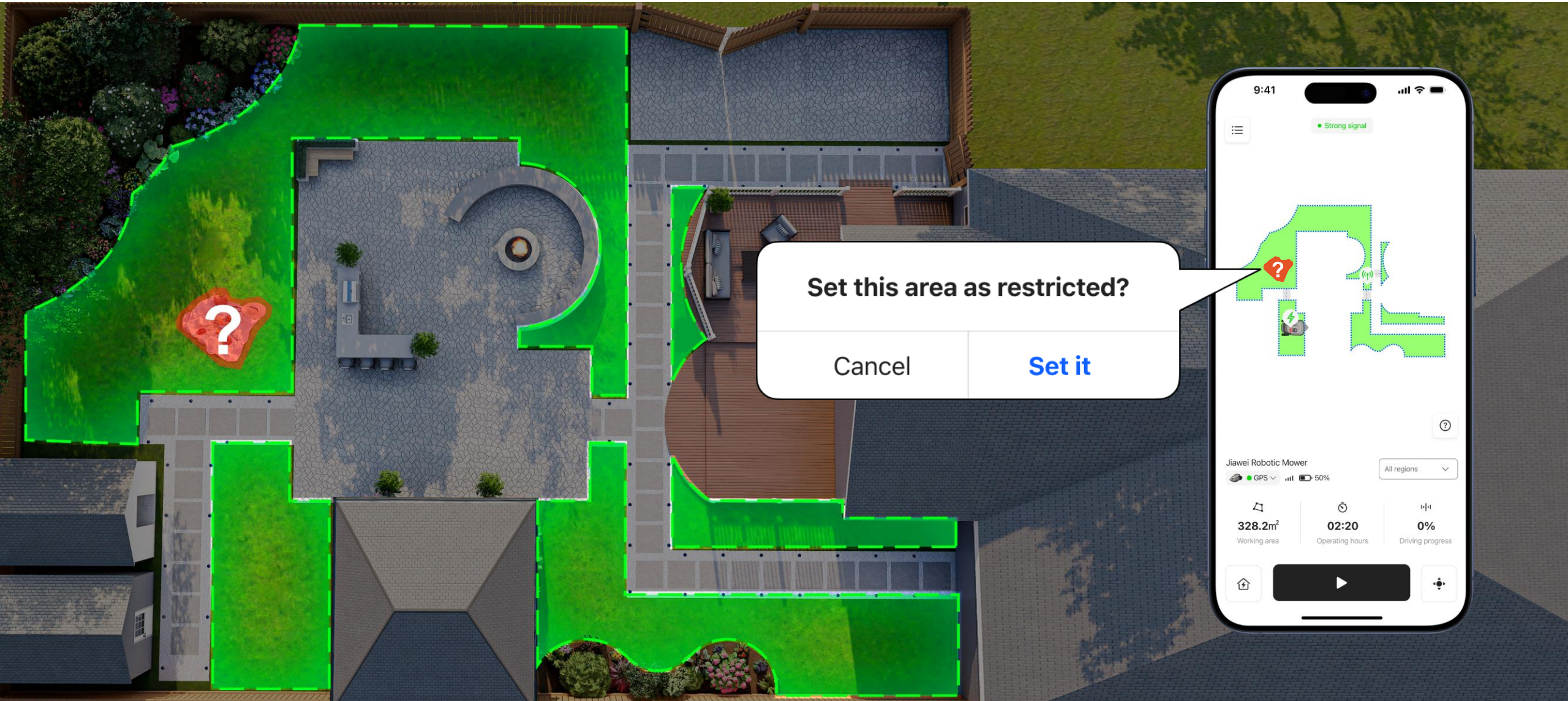
Multiple workareas can be created and each workarea can be managed separately.

- The cutting height, schedule, and mowing order can be set individually for different work areas.
- A restricted area can be set up in each work area, and the Robotic Mower will not enter the restricted area to cut grass.



One-Click Creation of Restricted Areas

For obstacle areas identified during mowing, users can create restricted areas with one click, which is convenient and fast.



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Specification

Category	M10	M10 PRO
Length*width*height	602mm x 416mm x 255mm	
Weight	≈11.4kg	
Maximum cutting efficiency	200㎡/h	
Average work time per charge	1.5h	3h
Average charging time	2.5h	2.5h
Rated	30V ⎓ 2.5A	
Battery Capacity	103Wh	209Wh
Cutting width	230mm	
Cutting height	30-60mm	
Cutterhead speed	2400-2800rpm	
Driving speed	0.2-0.6m/s	
Working temperature	-10~50℃	
Charging temperature	5~45℃	
Storage temperature	-20~60℃	
IP level	Robotic Mower: IPX6 Reference Station & Charging Station: IPX5	
Maximum slope in the work area	55% (28.8°)	
Connectivity	Lora, RTK, WiFi, BT	

Packing List