EZVIZ

EZVIZ RS2
Robot Vacuum & Mop Combo

Redefine **hassle-free** cleaning
with **hands-free** experience

Watch Video

The RS2 is EZVIZ's latest, impressive innovation that delivers tailored, automatic cleaning for your whole home. A 2-in-1 vacuum and mop, the RS2 combines multiple robotic technologies, such as the industry-leading auto-mop installation and detachment, automatic self-cleaning and air-drying mop, and advanced mapping. With the RS2, you might never have to get your hands dirty again. The super-smart RS2 plans its own cleaning routes, changes its own cleaning pads and modes, and cleans itself after use.

Key Features

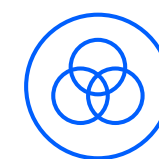## Meet the RS2's Automatic Cleaning Technologies
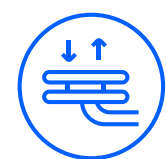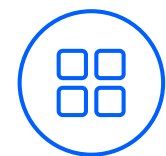
Automatic Mop Installation & Detachment

Automatic Mop Washing & Air-Drying

Auto Water Tank Refilling (For the Robot)

All-in-One Dock for Mop Changing, Self-Cleaning, Charging & Storage

Four Flexible Cleaning Modes

D-ToF Laser Navigation & Mapping

Advanced Obstacle Detection & Avoidance

Remote App Control & Map Customization

One-Click Dock Control via the Screen

Smart Integration with Google Assistant & Amazon Alexa

3K Camera for Additional Pet Care & Home Protection

Strict Data & Privacy Protection

# Deep cleans all types of floors, including carpets

Carpets have long been a pain point in the robotic cleaning industry. Unlike other robot vacuum & mops that simply ditch carpet cleaning, or require human labor in changing dedicated cleaning parts, the RS2 revolutionizes everything by combining carpet detection with automatic mop technologies.

01
Smart Carpet Detection

With the on-device floor-type sensor, the RS2 detects carpets in real time. When it has the wet mop pads on, it cleverly moves away from the carpet area to focus on mopping hard floors.
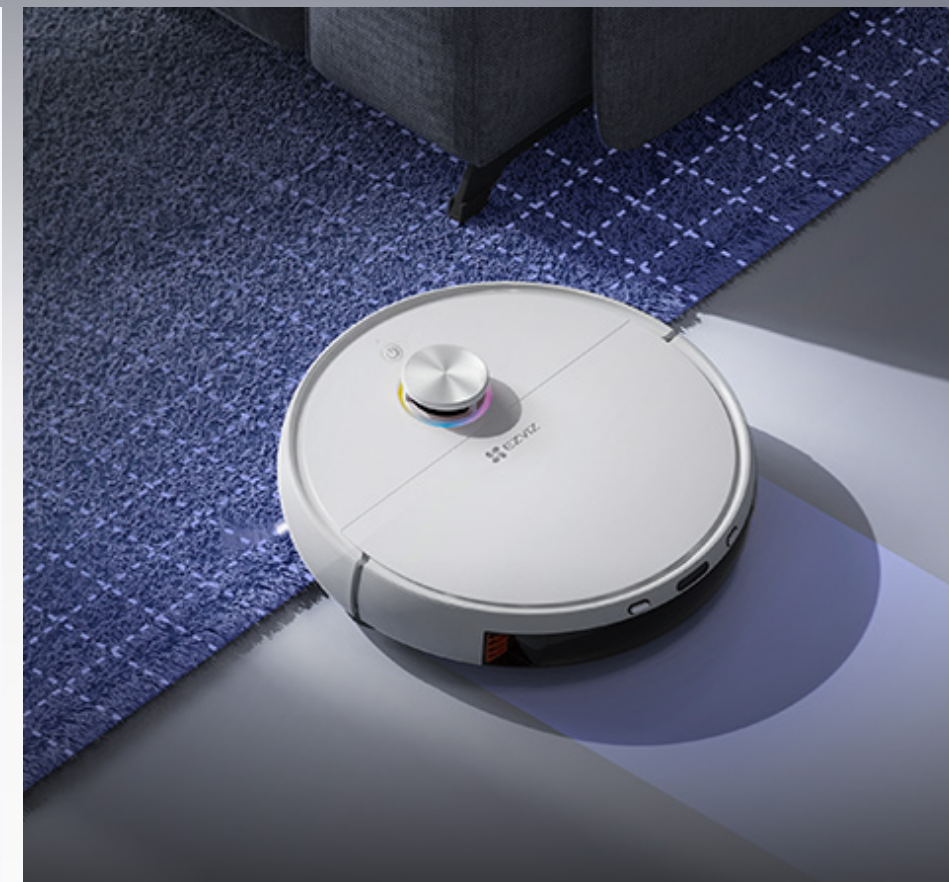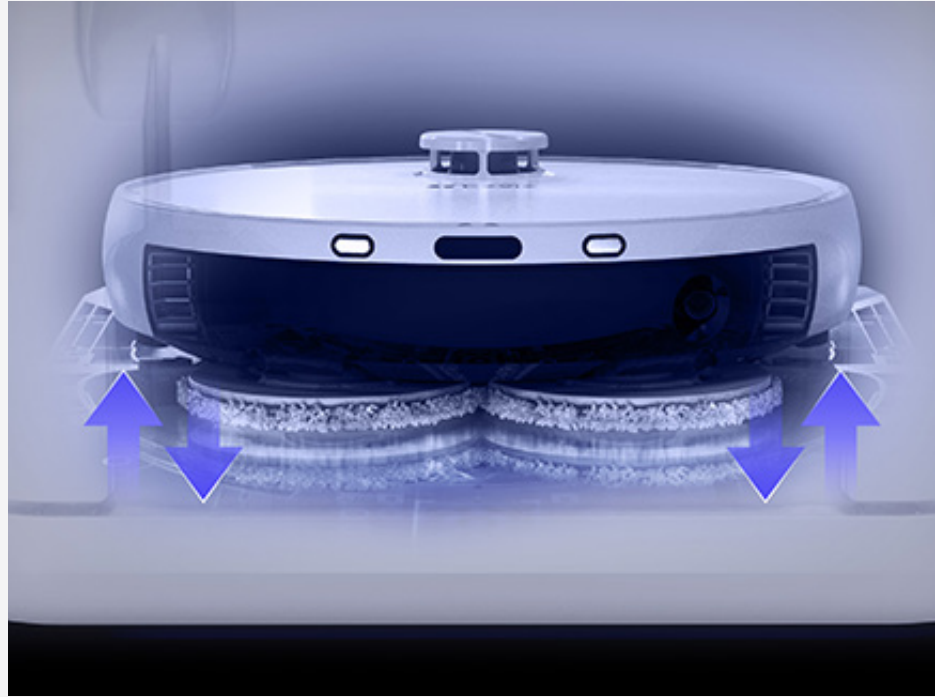
02
Automatic Mop Detachment & Installation

Before starting to vacuum carpets, the RS2 will automatically return to the charging dock to detach mop pads. This frees you from manually flipping over the device and removing dirty cloths. And it's done in just seconds.

03
Suction Boost on Carpets

When on carpets, the RS2 applies Suction Boost Mode to remove hidden, stubborn dust, hair, and pet dander easily.
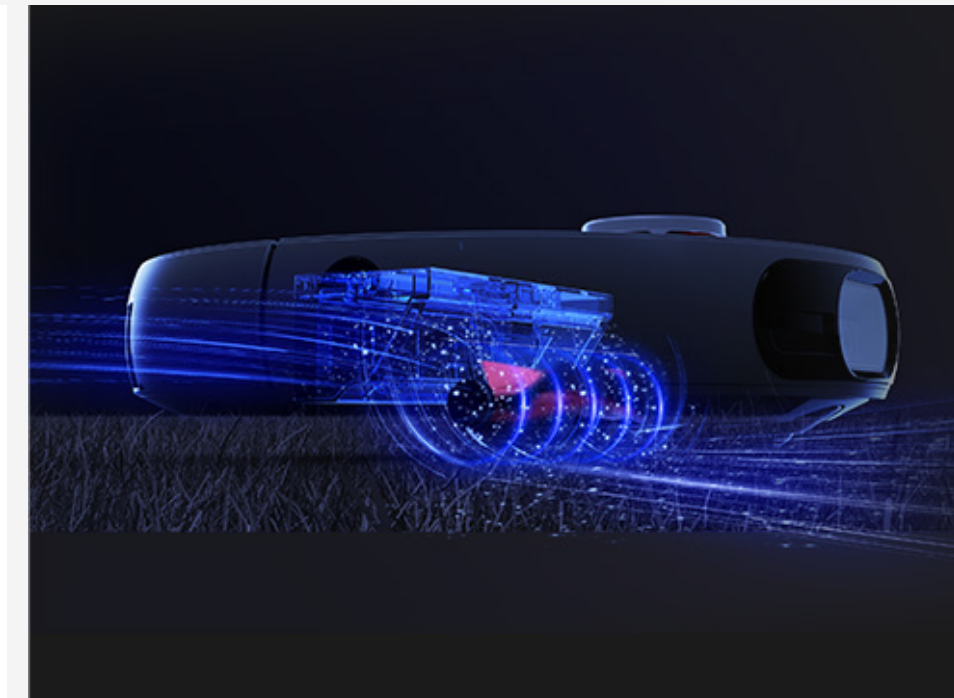
EZVIZ RS2

Smartly avoids carpet areas during a mopping task

Automatically detaches mop pads
and auto-switches to vacuum-only mode for carpet

Auto-increases suction power when on carpets

VS

Other Robot Vacuums & Mops

Easily get stuck against the carpet edges

Only lift the mop module to awkwardly move onto a carpet. Still very likely to wet the carpet with a dirty mop

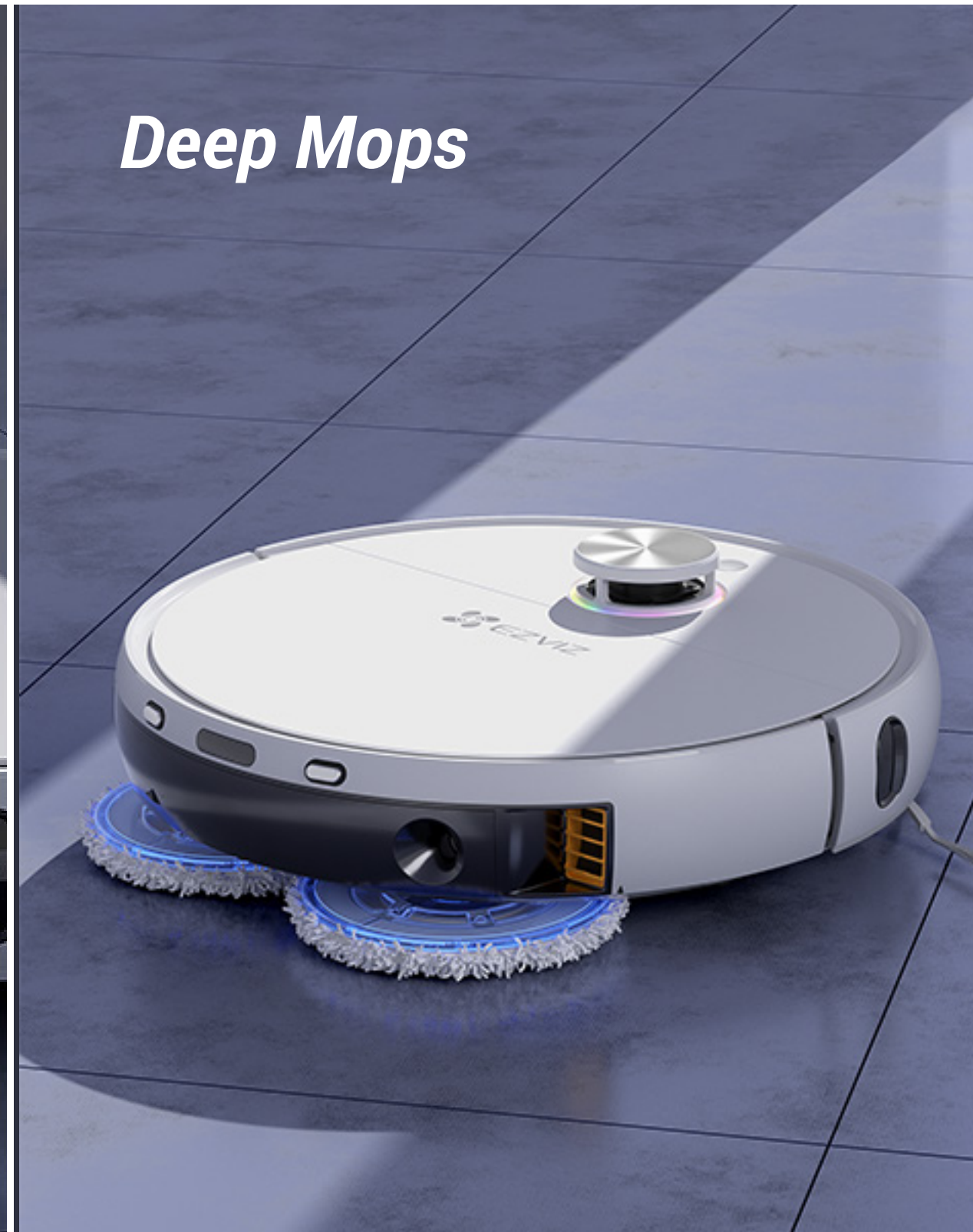Inefficiently use the same suction power for all areas

Multiple tasks in a single mission

Remotely set the RS2 on a cleaning mission – without even being at home to manually switch mop heads for wet messes, or move it around areas to avoid carpets. Choose among four types of cleaning missions and the RS2 will do the job for you, effortlessly.

Sweeps

Deep Mops

Vacuums Carpet
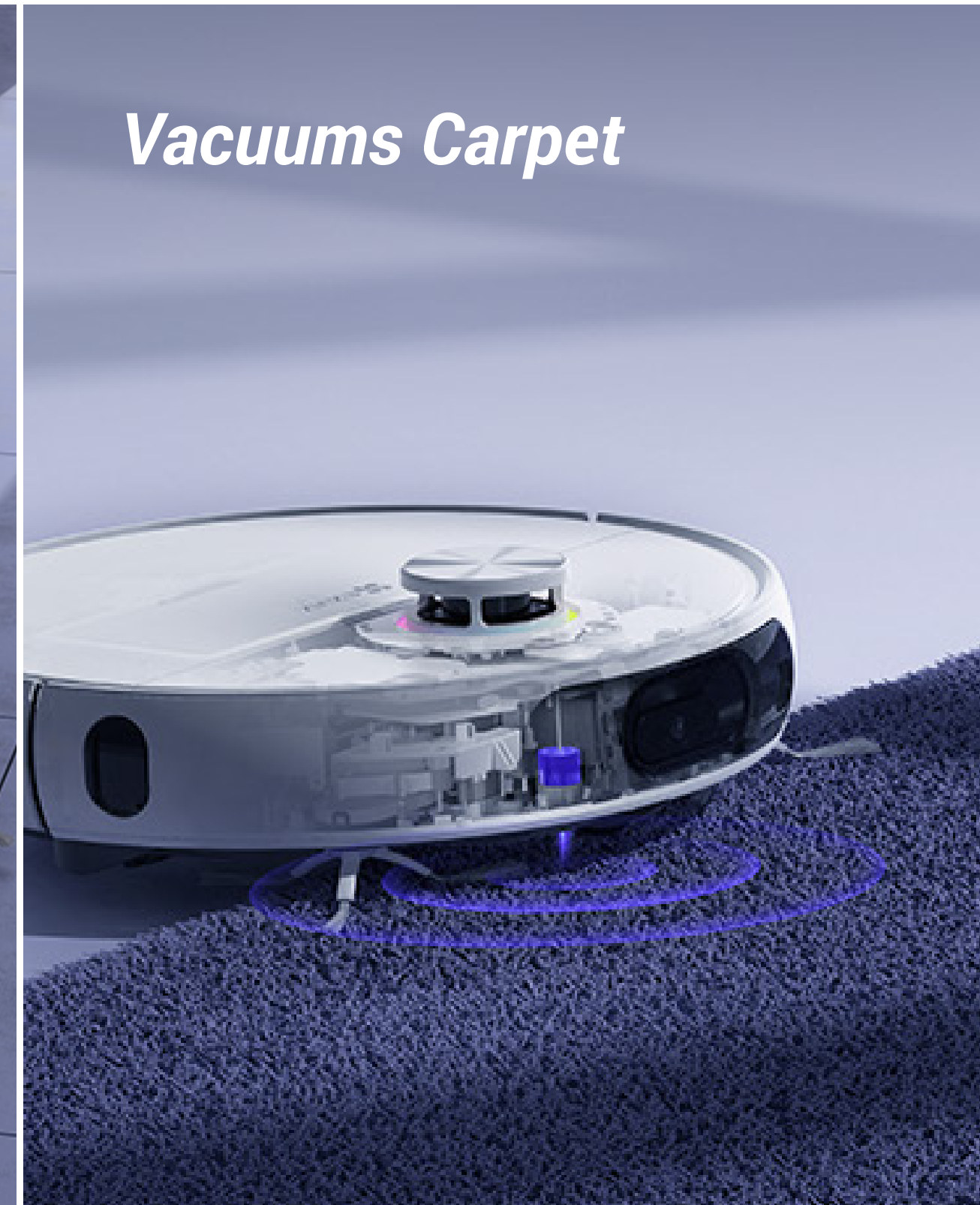
Ideal for thorough, whole-house cleaning

Flexibly cleans specific areas or messes

MODE 1

Vacuum First + Mop Next

Deep, thorough cleaning circle
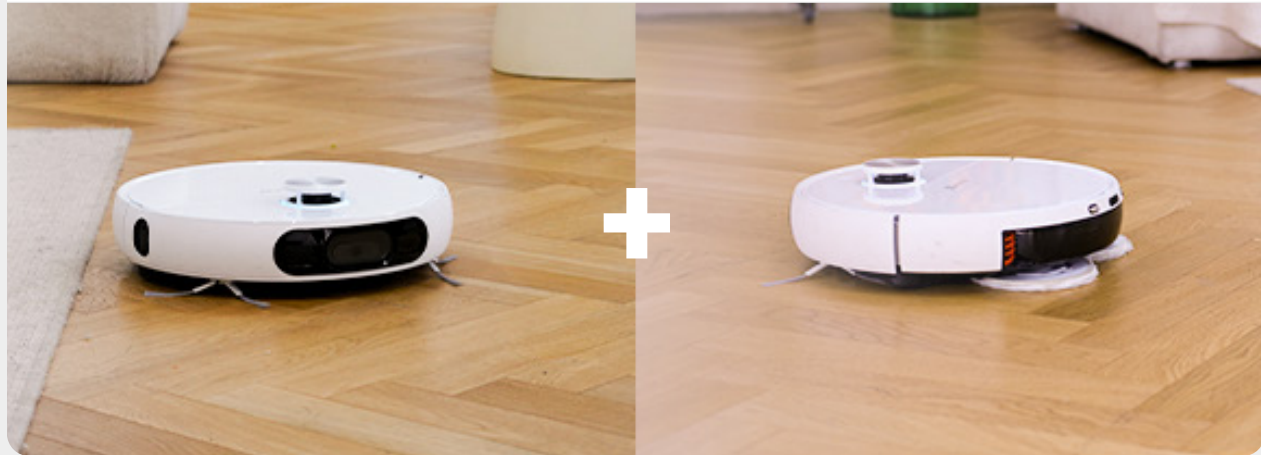
MODE 2

Vacuum While Mopping

For stubborn, sticky dirt

MODE 3

Vacuum Only

For dry debris & pet dander

MODE 4

Mop Only

For wet messes

Moves around like a pro

180RPM

**Dual Spinning
Mop Pads**

4000Pa

Powerful Suction

**Dual Edge-cleaning
Side Brushes**

**Safe with Soft,
Durable TPE Plastic**

Start mopping the floor.

**Voice Prompts for
Device Tasks/Status**

Happily hands-free with the all-in-one dock

It charges, cleans, and prepares the RS2 for the next cleaning mission.

Auto-Mop Washing

Set the RS2 on the self-cleaning cycle. It will rinse out residual hair, dirt and waste with high-speed water.
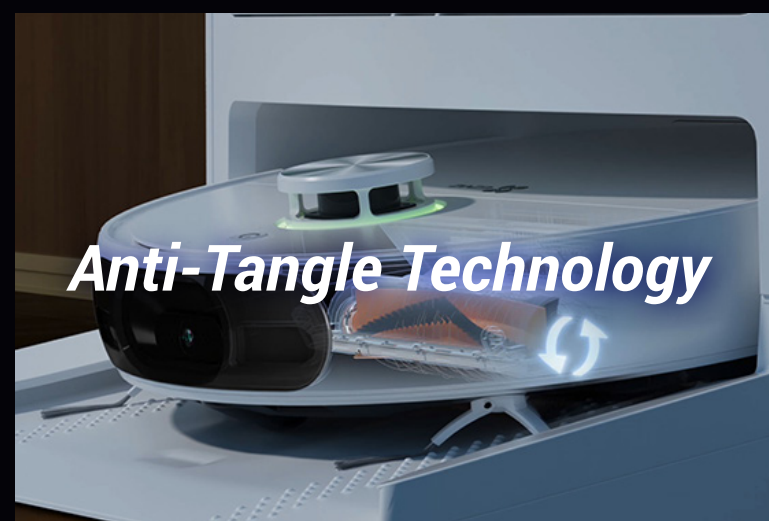
Auto Air-Drying

When the full self-washing routine is completed, the RS2 dries its two mop pads completely to prevent germs from building up.

Anti-Tangle Technology

To prevent human hair and pet dander from cluttering the robot, the RS2 counter-rotates its roller brush to self-remove them effectively on the dock. During heavy cleaning tasks, the RS2 auto-returns to the dock for such hair removal every 30 minutes.

Auto Water Tank Refilling

The dock can auto-refill the water tank of a waiting RS2 with fresh water, so the robot always mops with enough clean water to avoid odor.

Smart enough to customize your cleaning routine

Powered by   **D-ToF LiDAR**   **+**   **3D Structured Laser**   **+**   **Embedded AI RGB Camera**

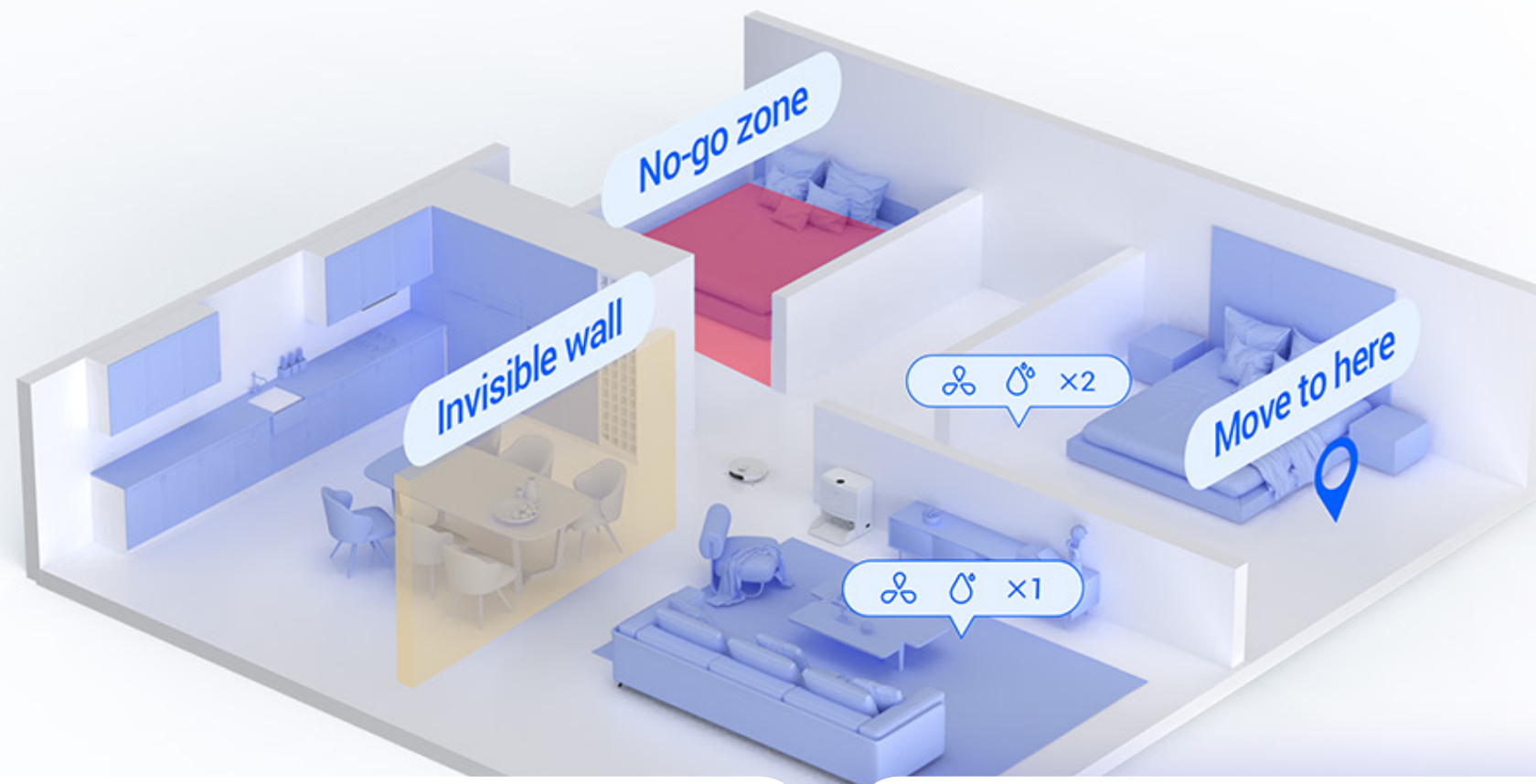Trash Can

Weight Scale

Socks

Navigate your home easily with obstacle avoidance

The RS2 identifies, detects and avoids common home items scattered across your floor, so it does not drag messes, suck in your socks, or get itself stuck.

Cable

Fast mapping & route planning, with customizable missions

D-ToF Laser technology and RGB camera work together to create a map of your home. You can then fine-tune the map and set up specific cleaning missions for each area. Even in large homes, the RS2 can auto-generate cleaning plans for different floors.

No-go zone

Invisible wall

Move to here

Auto-generate cleaning routes
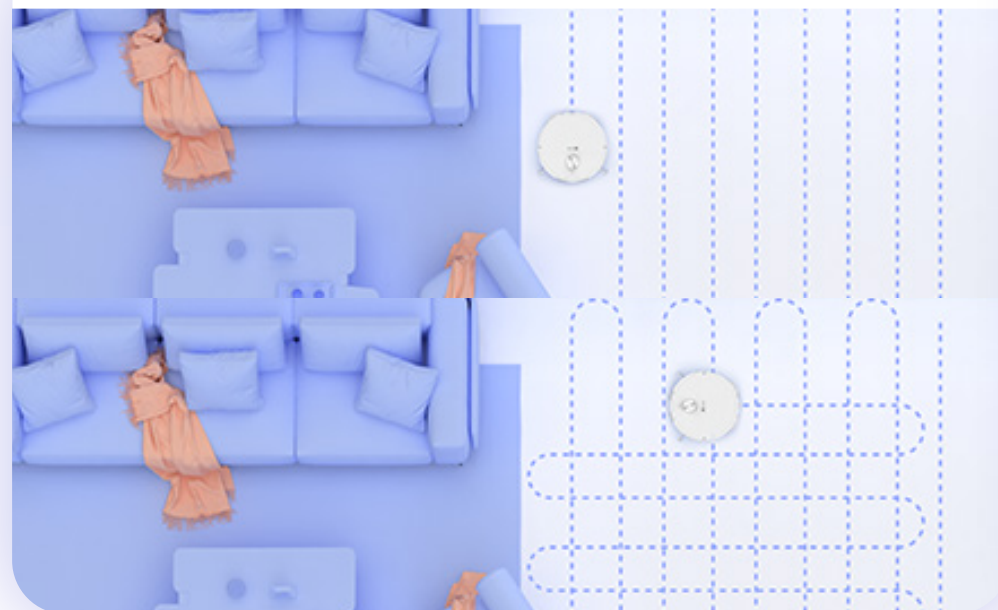
Smartly map different floors

Map

1st floor
Edit

Study room
Bed room
Study room
Kitchen
Dining room

Delete the map · For currently use

2nd floor
Edit

Study room
Bed room
Study room
Kitchen
Dining room

Delete the map · Use the map
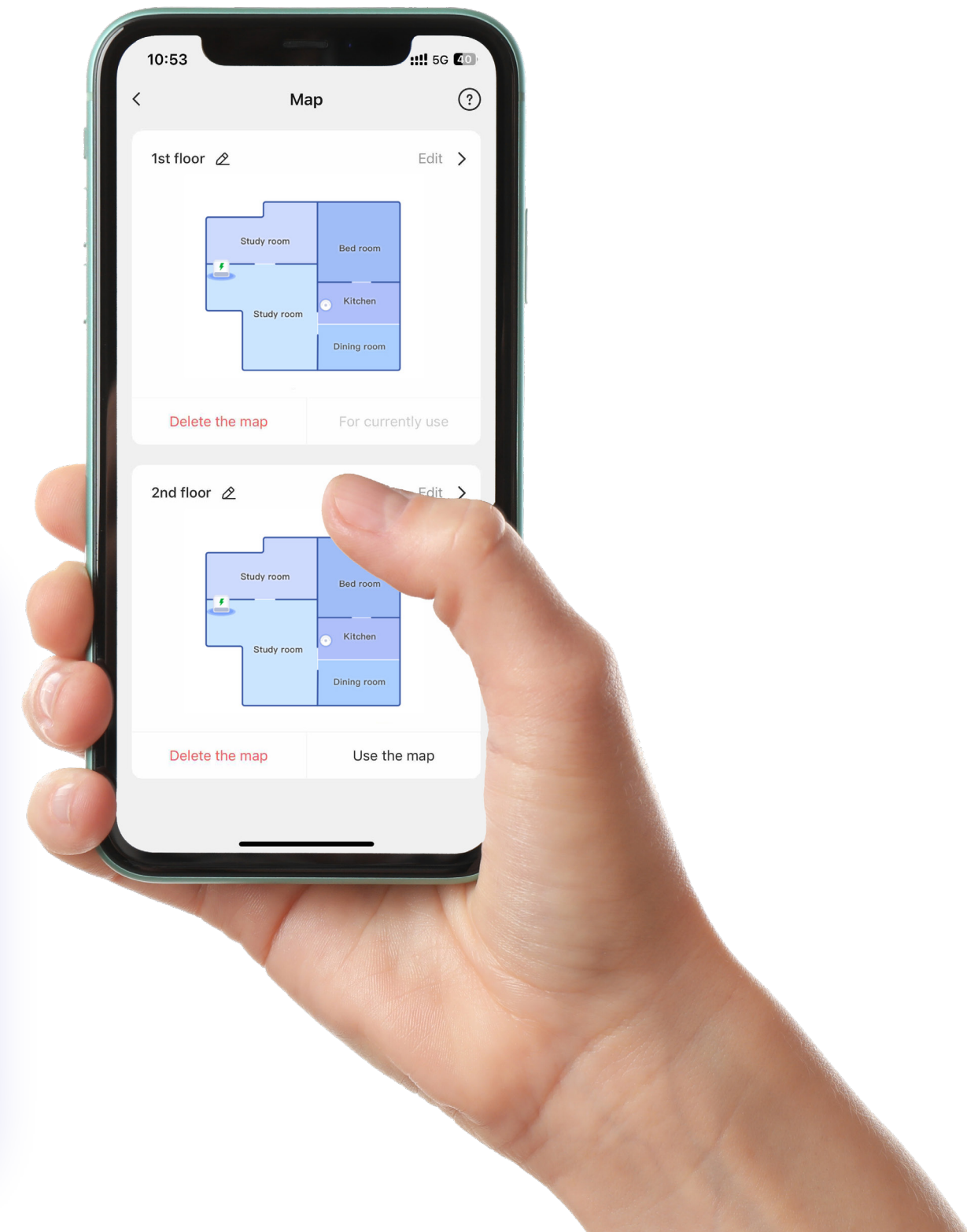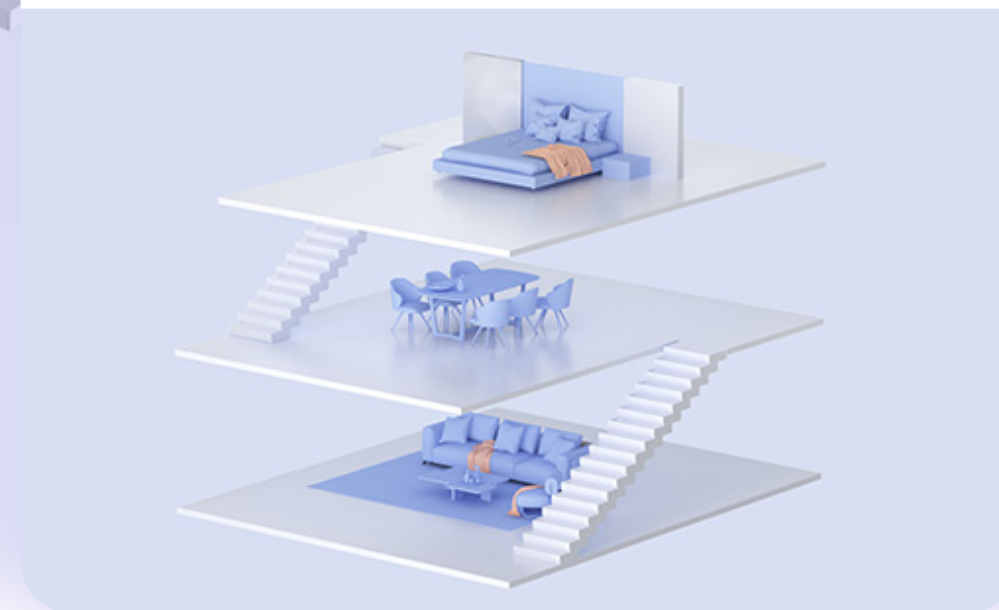
Made for all homes, large or small

Up to 300 m² on a single charge

Long runtime to cover every corner

· Built-in 5,200 mAh battery

· Full charge in 3 hours (50W fast charging)

Large water tanks for in-depth cleaning

· On-board 150 ml clean water tank

· Large, 5.5 L clean water tank & 5 L dirty water tank on the dock

Elegantly fits your smart home style

Cleverly listens to your command, even remotely

The EZVIZ App allows you to pre-set cleaning schedules or immediately start a task, even when you're not home. You can also pin down any area in the map and check on things through the live view...

Alexa, turn on the RS2.

...or, enjoy hands-free control with third-party voice assistants, and start your RS2 by simply saying "Hey Google" or "Alexa."

works with **Hey Google**

works with **alexa**
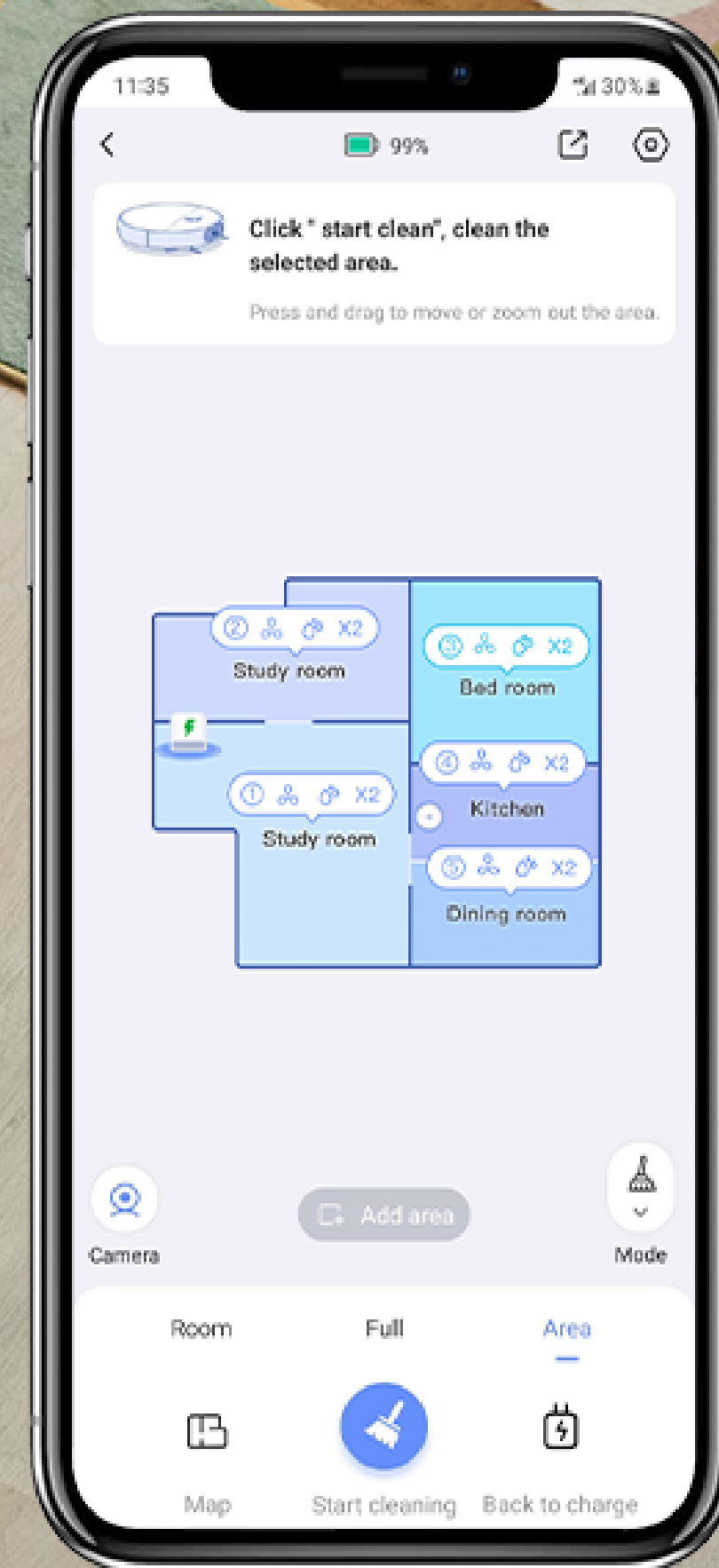
Additional Convenience & Care

As a multi-purpose smart device, the RS2 is equipped with a powerful 3K camera to provide extra peace of mind to your family. You get full control over the detection and recording features, so the RS2 only protects wherever and whenever you need it.

Human Shape Detection

Pet Shape Detection

Home Area Patrolling
(Needs to be manually initiated)

Live viewing

Recorded Video History

AES-128 Data Encryption

In the box

Quick Start Guide x2

Mop Cloth x2

Mop Assembly x2 (Mop cloth included)

Cleaning Brush x1

Robot Vacuum & Mop x1

Regulatory Information x1

Camera Sticker x1

Power Cord x1

Side Brush x2

Docking Station x1

Specifications CS-RS2-TWT2

Navigation

Navigation & Mapping	D-ToF LiDAR
Obstacle Avoidance	3D Laser + Local AI RGB Camera Obstacle Detection / Avoidance

Cleaning Features

Cleaning Type	Room, Full, Area
Cleaning Mode	Vacuum Only/Mop Only/ Vacuum before Mop/Vacuum while Mop
Cleaning Frequency	1, 2

Vacuuming

Maximum Suction Power (Pa)	4000
Suction Level Adjustment	Quiet/Original/Powerful/Super Power
Main Brush Pressure Boost	Supports
Ultrasonic Carpet Detection	Supports

Mopping

Water Level Adjustment	Low/Medium/Max
Cleaning Pressure (N)	10
Mop Dimension (cm²)	113
Mopping Area (m²)	300

Runtime

Battery Capacity (mAh)	Li-ion 5200
Charging Time (h)	3
Working Time (min)	Silent Mode(Sweep):260 Standard Mode(Sweep):200 Silent Mode(Sweep & Mop):240 Standard Mode(Sweep & Mop):160

Robot

Robot Rated Power (W)	65
Robot Working Voltage (V)	14.4
Dust Box Capacity (L)	0.4
Water Tank Capacity (L)	0.15
Dust Box Detection	Supports
Tangle Detection	Supports
Anti-Tangle Technology	Supports
Noise Level (dB (A))	≤64 on Standard Mode (Sweep)

Robot Accessories

Dust Box Filter	Sponge + E10 Level High Efficiency Filter
Washable Filter	Supports
Main Brush Type	Floating Main Brush
Main Brush Material	Rubber + Bristle
Side Brush	Left + Right
Mop Pad	2 Mop Clothes

Specifications

Accessories Service Life

Maintenance Frequency	Side Brush: Every 2 weeks Main Brush, Sponge Filter, High Efficiency Filter: Every week
Replacement Frequency	Mop Cloths: 2-3 months Side Brush, Sponge Filter, High Efficiency Filter: 3-6 months Main Brush: 6-12 months

Station

Station Rated Power (W)	65
Rated Working Voltage (V)	AC: 100-240V~50/60Hz
Rated Output	20 V == 3 A
Clean Water Tank Capacity (L)	5.5
Dirty Water Tank Capacity (L)	5
Auto Mop Cleaning	Supports
Auto Mop Install & Detach	Supports
Auto-Water Refill	Supports
Low Water Level Alert	Supports
Air Drying	Supports
Interaction	Screen / Touch

Smart Features

Wi-Fi / Smartphone App	Supports
Wi-Fi Frequency Band	2.4 GHz
Voice Control	Google Assistant & Amazon Alexa
Camera Max. Resolution	2880 × 1620
Smart Detection	Obstacle Recognition, Room Recognition & Mapping, Carpet Recognition, Human Shape Detection, Pet Shape Detection
Supported Languages	Currently supports English (By default), French, German, Italian, Portuguese, Spanish, Arabic, Russian, Japanese, & Chinese. Will support more in the future

General

Product Dimensions	Robot: 365 × 365 × 103 mm (14.37 × 14.37 × 4.06 inch) Station: 452 × 472 × 508 mm (17.80 × 18.58 × 20 inch)
Packaging Dimensions	540 × 560 × 582 mm (21.26 × 22.05 × 22.91 inch)
Net Weight	Robot: 4.6 kg (162.26 oz) Station: 10 kg (352.74 oz)
Weight (With Package)	21.5 kg (758.39 oz)

In the box

- RS2 Robot Vacuum & Mop

- Docking Station

- Mop Assembly (Mop cloth included)

- Mop Cloth

- Side Brush

- Cleaning Brush

- Camera Sticker

- Power Cord

- Quick Start Guide

- Regulatory Information

Certifications

CE-EMC / CE-LVD / CE-RED / ErP / CE-RoHS / REACH / SVHC / WEEE / UKCA / CB