



*EZVIZ RS20 Pro*

# ***Robot Vacuum & Mop Combo***

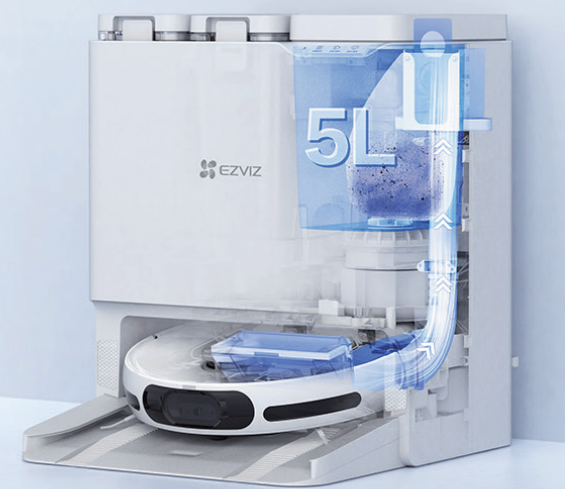


# Reimagine Full Automation

Hot water  
cleaning &  
hot air drying



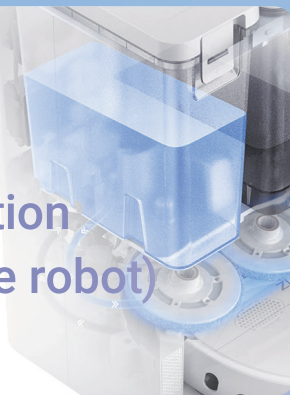
Auto dust  
emptying



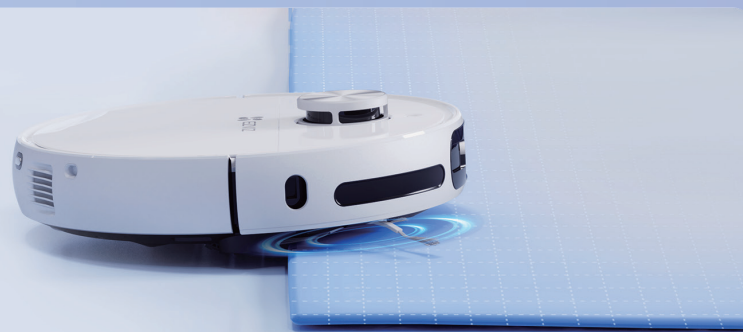
Auto mop  
installation &  
detachment



Auto water &  
cleaning solution  
refilling (to the robot)



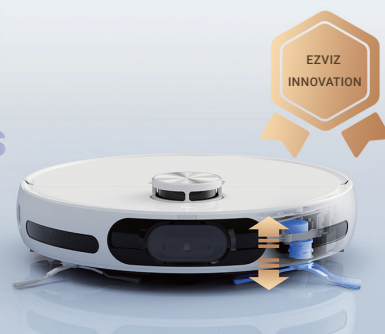
Carpet detection



Upgraded  
anti-tangling  
technology



Side brushes  
auto-lifting



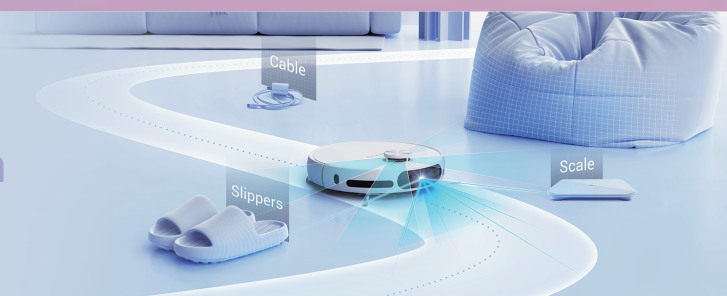
7200Pa strong  
suction



Consistent  
mopping  
pressure



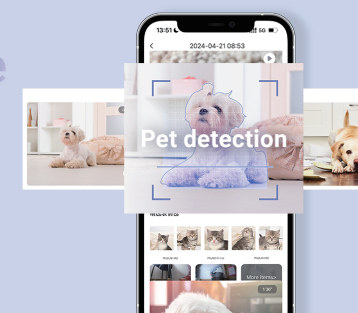
Visualized obstacle detection



Quick map  
building



Dual-purpose  
as a mobile  
pet camera



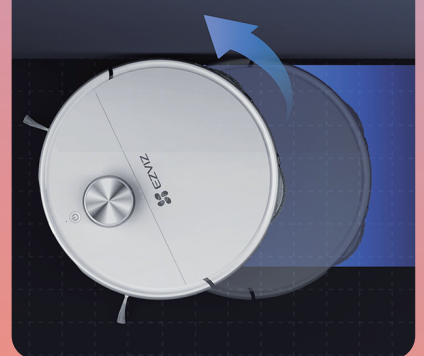
Multitasking Robot  
N-in-1 Base Station



5200mAh

Large battery  
capacity

Dynamic edge  
mopping



# New epitome of hands-free robotic cleaning

Unlike prevailing robots on the market that work with single - or dual-purpose charging stations, the RS20 Pro's pairing base station is more powerful and multi-functional than you'd imagine. With the advanced base station, the RS20 Pro is always as good as new after even the heaviest cleaning task.

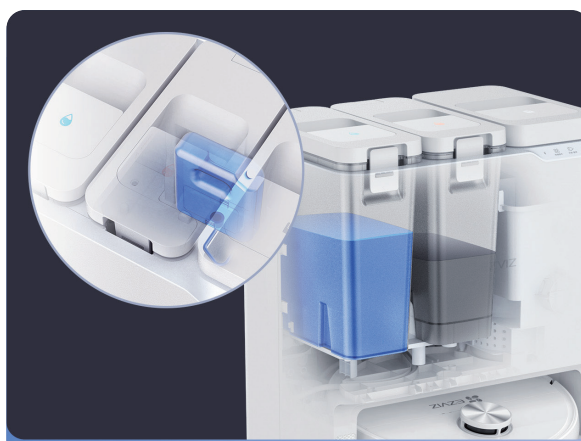


## Hands-free Cleaning



### Make its own decision to install and detach dual mops

The RS20 Pro auto-installs mop heads to complete full-circle hard floor cleaning, and automatically returns to the base station to detach them before moving onto your carpets.



### Mop seriously, refill effortlessly

The base station uses a large 5L clean water tank to auto-refill the mopping water on the robot to optimize its performance. It also self-adds cleaning solutions to the tank, even if you forget.

### Roll as powerful as new

The robot features two stainless steel cutting combs to stop human and pet hair from clumping. The efficient 3-in-1 brush system is made up of rubber brush, bristle brush and the combs.

The robot auto-returns to the base station for such hair removal after every cleaning mission to never temper the vacuuming performance.



## Hands-free Maintenance



### Vacuum often, empty rarely

The base station sucks in all the dirt and waste from the robot, so you don't manually do it. Simply swap out the dust bag every 120 days, which uses a special seal design to prevent spilling.



### Work on its own to wash and hot dry dirty mops

When a mission is completed, the robot cleans itself thoroughly in the base station before the next use. It avoids hand-washing filthy mops, and prevents germs from building up.



### Sanitize as spotless as new

In addition to keeping the robot intact, the base station also self-washes out dust and dirt inside the base station itself.



## ***To the era of zero hassle***

A 2.0 version of the RS20 Pro with an auto-refill & drainage system will soon be launched.

For a true set-and-forget experience, the whole cleaning kit takes in fresh water and drains dirty water all automatically, by connecting the base station to your home's plumbing system.

## ***One robot, multiple tasks***

Say goodbye to all kinds of cleaning tools piling up at home. The one and only RS20 Pro can do it all. With its technically advanced features, sophisticated design and ease of use, it significantly improves cleaning performance.



Toggle between cleaning modes to tackle messes

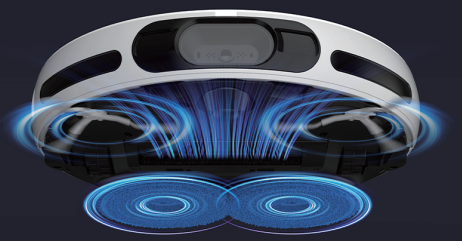


01

02

**Vacuum First, Mop Next**

Deep and thorough cleaning



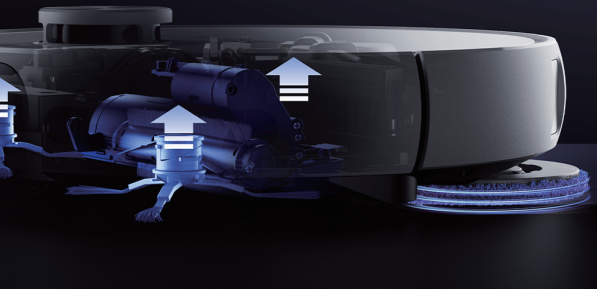
**Vacuum While Mopping**

Efficient and standard daily cleaning



**Vacuum Only**

Dry messes, like cat hair



**Mop Only**

Wet messes, like spilled milk or coffee

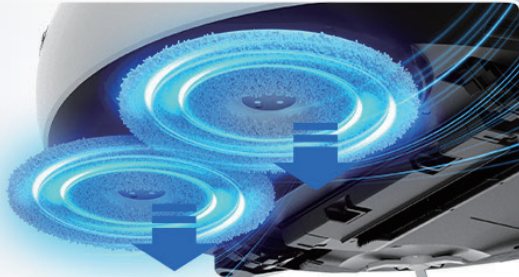
Your personal home cleaning expert



7200<sup>Pa</sup>

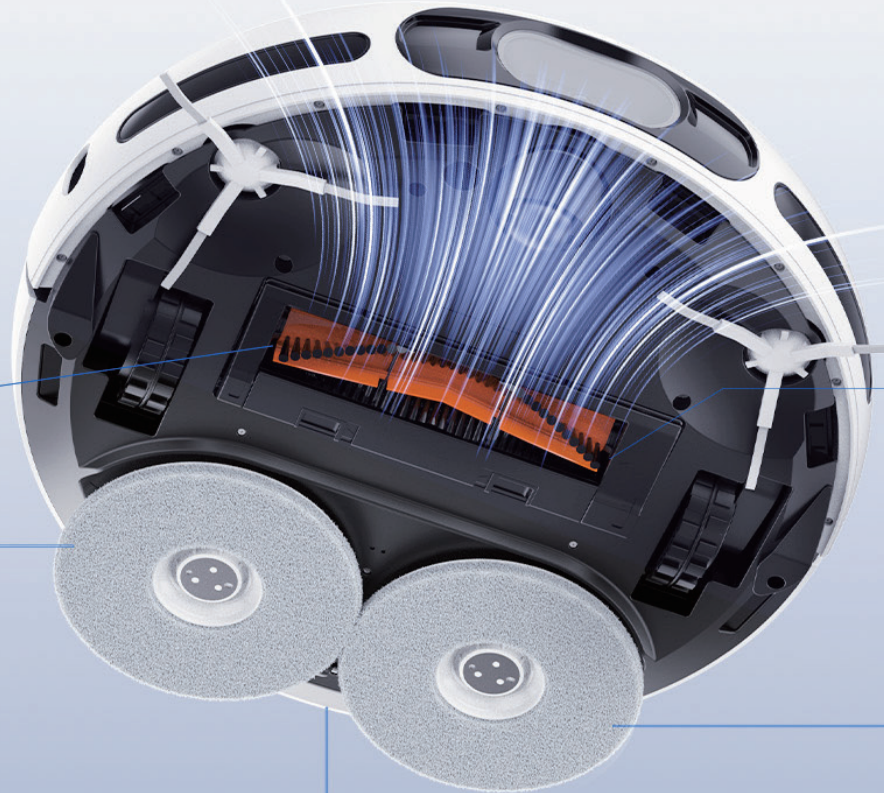
**7200Pa Suction Power**

Able to clean bigger dirt and heavy mess



**180RPM & 10N Downward Pressure**

Scrub as hard as you do to remove stubborn stains





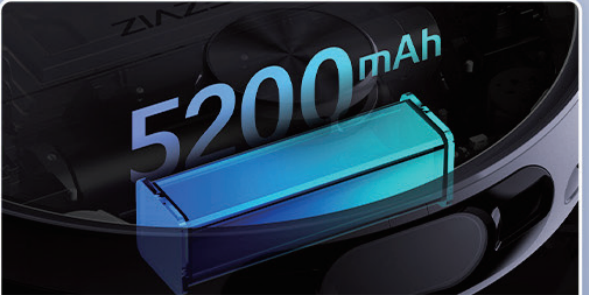
**3-in-1 Rolling Brush**

Help to take away small particles hidden in your grout



**Dynamic Edge Mopping**

Mop pads swing to reach every part of the floor



5200<sup>mAh</sup>

**5,200mAh Battery Life**

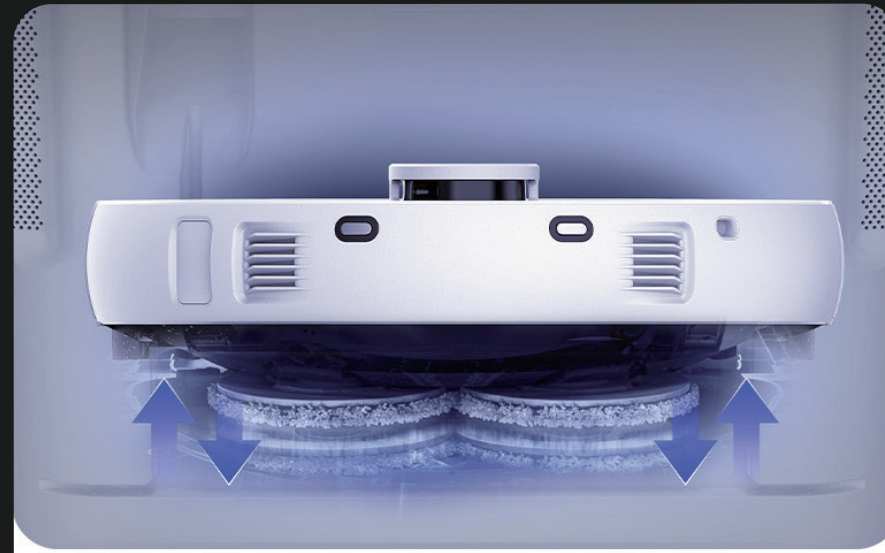
Clean up to 300m<sup>2</sup> at a full charge

## Built to take care of your carpets



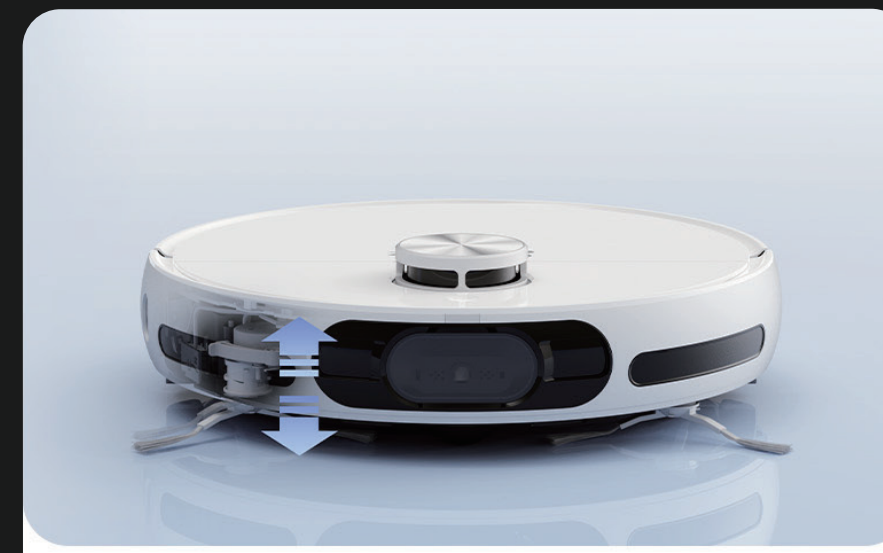
### Carpet detection

The RS20 Pro never steps on a carpet during a mopping mission. It detects and avoids such areas to prevent your expensive carpets from getting wet or dirty.



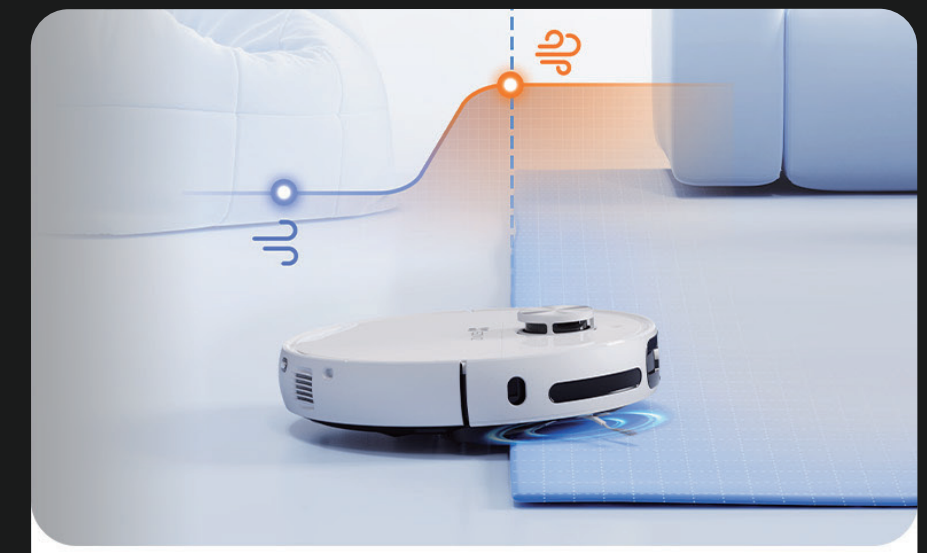
### Automatic mop detachment

Before moving onto the carpet, the robot returns to the base station to detach its mop pads. You don't have to flip over the robot to remove them manually.



### Side brushes auto-lifting

Once on the carpet, the robot's side brushes lift automatically, leaving the main brush and suction system to focus on carpet vacuuming. In this case, the side brushes do not become entangled with the carpet.

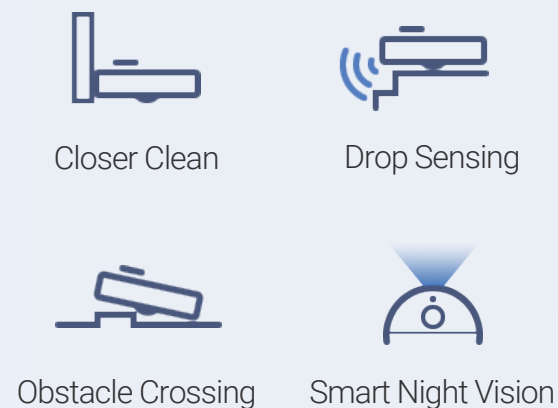


### Suction boost mode

When undergoing vacuuming mission on a carpet, the robot automatically boosts its suction power to dig up hidden, stubborn dust, hair, and pet dander easily.

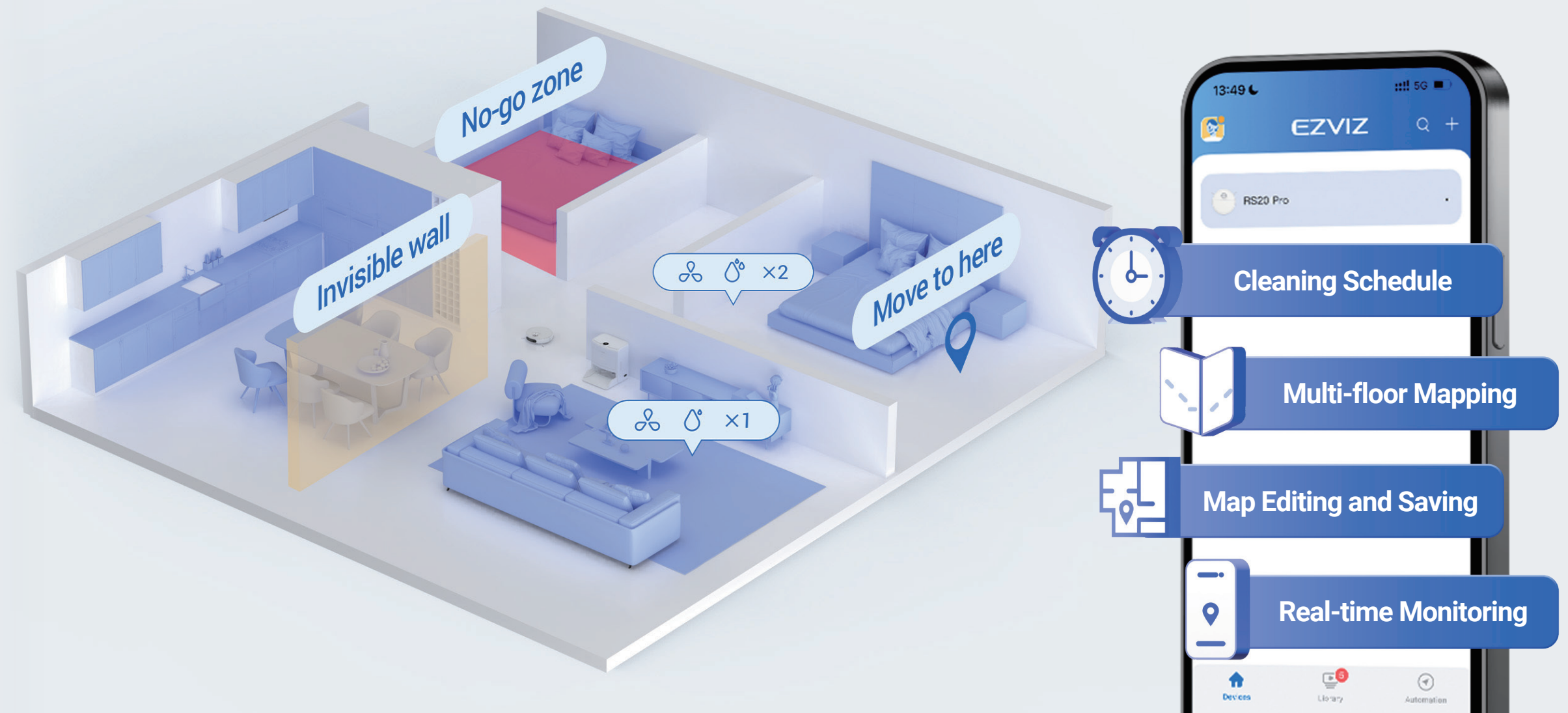
## Know where to go, know what to avoid

By integrating LDS LiDAR, structured 3D laser, and an AI camera, the RS20 Pro can smartly identify more than 65 types of common objects, to achieve smooth obstacle avoidance and confident navigation through even complex spaces.



## A tidy home at your fingertips

Manage cleaning tasks down to every detail on the digital map created by the RS20 Pro. You can set off a cleaning mission, adjust to suitable parameters, or select a room to start customized cleaning.



## Cleverly respond to your voice

Enjoy hands-free control with third-party voice assistants. Start your RS20 Pro by simply saying "Hey Google" or "Alexa."



 Alexa, turn on the RS20 Pro.



# Additional convenience & care

As a multi-purpose smart device, the RS20 Pro is equipped with a sharp camera to provide extra peace of mind. You get full control over the detection and recording features, so it 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



*Elegantly fits your smart home style*



# Create cleaner homes on a greener earth

## 01 Reuse recycled materials

With sustainability in mind, EZVIZ uses recycled materials – an amount that equals about 16 plastic water bottles – on the RS20 Pro’s back plate, helping reduce plastic pollution and give used materials a second life.



## 02 Grow greenness with the RS20 Pro

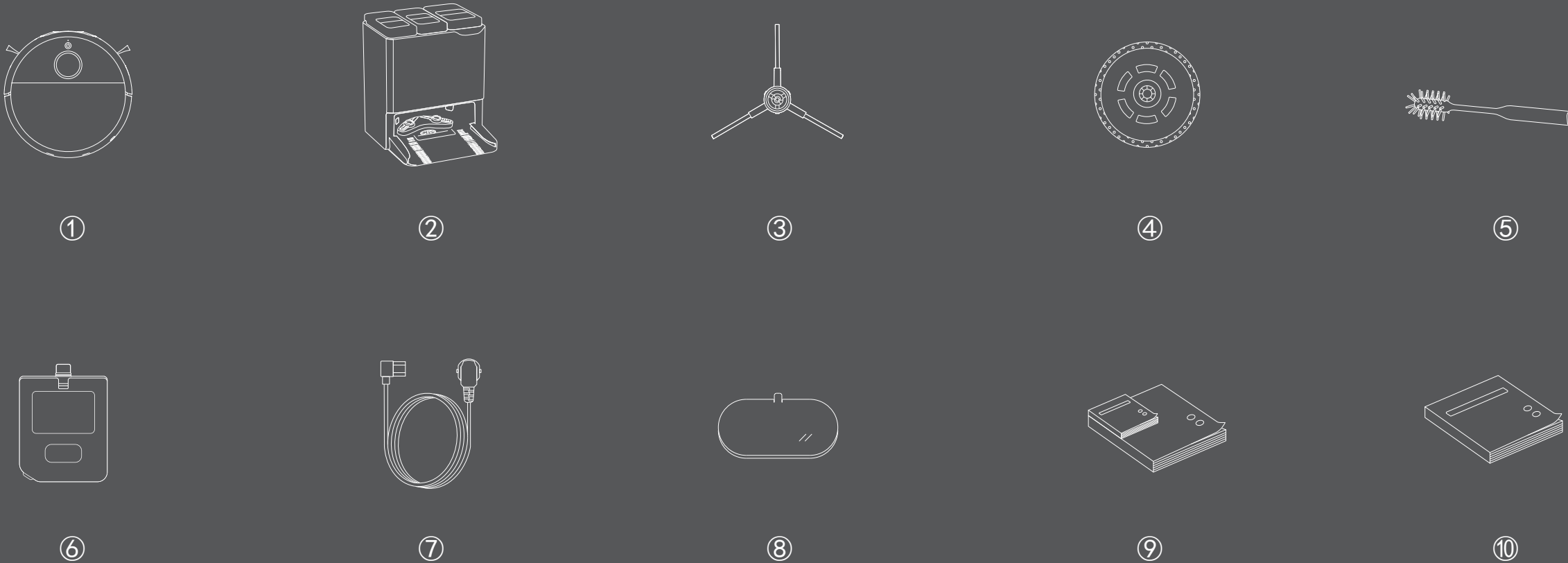
With revenues from the RS20 Pro, EZVIZ is giving back to the planet - planting trees and empowering local farms via our dedicated EZVIZ Global Forest Plan. On average, we plant two trees a day with our green partner Treedom, a global leading tree-planting platform.

[Learn More](#)



## In the Box

- ① RS20 Pro Robot
- ② Base Station
- ③ Side Brush ×2
- ④ Mop Assembly ×2
- ⑤ Cleaning Tool
- ⑥ Cleaning Solution
- ⑦ Power Cord
- ⑧ Camera Sticker
- ⑨ Quick Start Guide ×2
- ⑩ Regulatory Information



# Specifications

CS-RS20-PRO-PGA2

## Navigation

|                      |                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------|
| Navigation & Mapping | LDS LiDAR                                                                                           |
| Obstacle Avoidance   | Laser Obstacle Detection & Avoidance<br>AI Virtual Recognition and Marking (Identify 65+ obstacles) |

## Cleaning Features

|                    |                  |          |                                       |
|--------------------|------------------|----------|---------------------------------------|
| Cleaning Type      | Room, Full, Area |          |                                       |
| Cleaning Mode      | Vacuum Only      | Mop Only | Vacuum before Mop<br>Vacuum while Mop |
| Cleaning Frequency | 1, 2             |          |                                       |

## Vacuuming

|                                              |          |          |          |             |
|----------------------------------------------|----------|----------|----------|-------------|
| Maximum Suction Power                        | 7200 Pa  |          |          |             |
| Suction Level Adjustment                     | Quiet    | Original | Powerful | Super Power |
| Main Brush Pressure Boost                    | Supports |          |          |             |
| Particle Identification & Boost Suction Mode | Supports |          |          |             |
| Ultrasonic Carpet Detection                  | Supports |          |          |             |

## Mopping

|                              |                     |        |     |
|------------------------------|---------------------|--------|-----|
| Water Level Adjustment       | Low Grade           | Medium | Max |
| Mopping Type                 | Dual Spin Mop       |        |     |
| Cleaning Pressure            | 10 N                |        |     |
| Mop Dimension                | 113 cm <sup>2</sup> |        |     |
| Mopping Area                 | 300 m <sup>2</sup>  |        |     |
| Hybrid Dynamic Edge Cleaning | Supports            |        |     |

## Robot

|                               |                                     |
|-------------------------------|-------------------------------------|
| Robot Rated Power             | 65 W                                |
| Robot Working Voltage         | 14.4 V                              |
| Dust Box Capacity             | 0.35 L                              |
| Water Tank Capacity           | 0.1 L                               |
| Tangle Detection              | Supports                            |
| 3-in-1 Proactive Hair Cutting | Supports                            |
| Auto Fill light               | Supports (With spotlight)           |
| Noise Level                   | ≤65 dB (A) on Standard Mode (Sweep) |

## Runtime

|                  |                     |                       |                           |                             |
|------------------|---------------------|-----------------------|---------------------------|-----------------------------|
| Battery Capacity | Li-ion 5200 mAh     |                       |                           |                             |
| Charging Time    | 3 h                 |                       |                           |                             |
| Working Time     | Silent Mode (Sweep) | Standard Mode (Sweep) | Silent Mode (Sweep & Mop) | Standard Mode (Sweep & Mop) |
|                  | 220 min             | 190 min               | 130 min                   | 110 min                     |

# Specifications

CS-RS20-PRO-PGA2

## Base Station

|                                             |                      |
|---------------------------------------------|----------------------|
| Rated Power (Charging & mop drying state)   | 65 W                 |
| Rated Power (Dust empty state)              | 965 W                |
| Rated Power (Cleaning with hot water state) | 1265 W               |
| Rated Working Voltage                       | AC: 220-240V~50/60Hz |
| Rated Output                                | 20 V == 2.5 A        |
| Clean Water Tank Capacity                   | 5 L                  |
| Dirty Water Tank Capacity                   | 4.2 L                |
| Dust Bag Capacity                           | 5 L                  |
| Auto Hot Water Mop Washing                  | Supports (60°C)      |
| Auto Mop Installation & Detachment          | Supports             |
| Auto Side Brush Lifting                     | Supports             |
| Auto Clean Water Refilling                  | Supports             |
| Auto Cleaning Solution Refilling            | Supports             |
| Low Water Level Alert                       | Supports             |
| Auto Hot Air Drying                         | Supports             |
| Interaction                                 | Touch Buttons        |

## Smart Features

|                        |                                                                                                                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wi-Fi / Smartphone App | Supports (EZVIZ App)                                                                                                                                                                                                    |
| Wi-Fi Frequency Band   | 2.4 GHz                                                                                                                                                                                                                 |
| Voice Control          | Google Assistant & Amazon Alexa                                                                                                                                                                                         |
| Child Lock             | Supports                                                                                                                                                                                                                |
| Camera Max. Resolution | 1920 × 1080                                                                                                                                                                                                             |
| Smart Detection        | Obstacle Recognition, Room Recognition & Mapping, Carpet Recognition, AI-Powered Human Shape Detection, AI-Powered Pet Detection                                                                                        |
| Supported Languages    | Currently supports English (by default), German, French, Italian, Spanish, Portuguese, Polish, Arabic, Turkish, Vietnamese, Thai, Indonesian, Russian, Japanese, Korean, & Chinese, and will support more in the future |

## Robot Accessories

|                               |                                           |           |            |            |                 |
|-------------------------------|-------------------------------------------|-----------|------------|------------|-----------------|
| Dust Box Filter               | Sponge + E11 Level High Efficiency Filter |           |            |            |                 |
| Washable Filter               | Supports                                  |           |            |            |                 |
| Main Brush Type               | Auto-lifting Main Brush                   |           |            |            |                 |
| Main Brush Material           | Rubber + Bristle + Hair Cutting Blade     |           |            |            |                 |
| Side Brush                    | Left + Right                              |           |            |            |                 |
| Mop Pad                       | 2 Mop Clothes                             |           |            |            |                 |
| Robot Part                    | Dust Bag                                  | Mop Cloth | Side Brush | Main Brush | High Efficiency |
| Maintenance Frequency (Week)  | -                                         | -         | 2          | 1          | 1               |
| Replacement Frequency (Month) | 3-4                                       | 2-3       | 3-6        | 6-12       | 3-6             |

## In the box

- Robot Vacuum & Mop Cleaner ×1
- Base Station ×1
- Side Brush ×2
- Mop Assembly ×2
- Cleaning Tool ×1
- Cleaning Solution ×1
- Power Cord ×1
- Camera Sticker ×1
- Quick Start Guide ×2
- Regulatory Information ×1

## Certifications

CE-EMC / CE-LVD / CE-RED / ErP / CE-RoHS / REACH SVHC / WEEE / CB / UN38.3

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