



EZVIZ RS20 Pro

Robot Vacuum & Mop Combo



Reimagine Full Automation

Hot water
cleaning &
hot air drying



Auto mop
installation &
detachment



Auto water &
cleaning solution
refilling (to the robot)



Auto dust
emptying



Carpet detection



Upgraded
anti-tangling
technology



Side brushes
auto-lifting



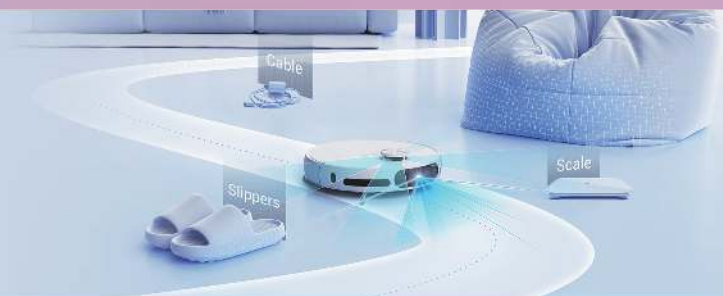
7200Pa strong
suction



Consistent
mopping
pressure



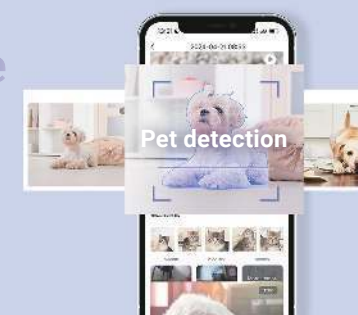
Visualized obstacle detection



Quick map
building



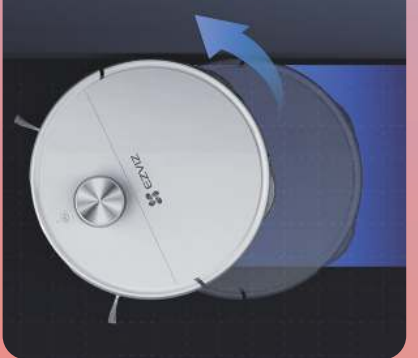
Dual-purpose
as a mobile
pet camera



5200mAh

Large battery
capacity

Dynamic edge
mopping



Multitasking Robot
N-in-1 Base Station



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.

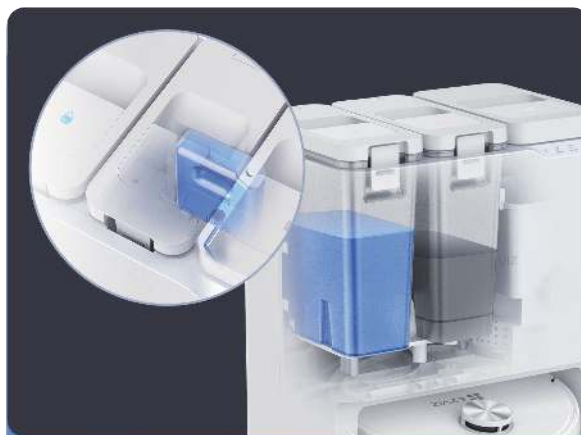


Hands-free Cleaning



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



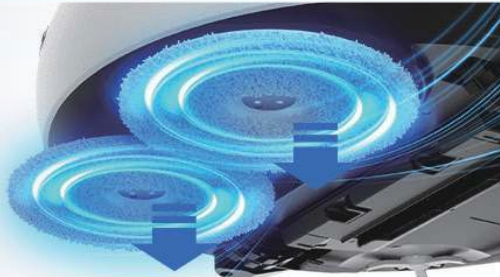
Mop Only
Wet messes, like spilled milk or coffee

Your personal home cleaning expert



7200^{Pa}

7200Pa Suction Power
Able to clean bigger dirt and heavy mess

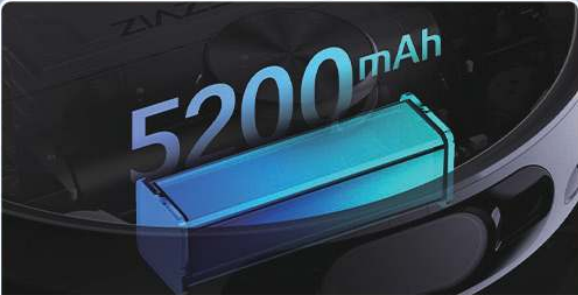


180RPM & 10N Downward Pressure
Scrub as hard as you do to remove stubborn stains





3-in-1 Rolling Brush
Help to take away small particles hidden in your grout



5,200^{mAh}

5,200mAh Battery Life
Clean up to 300m² at a full charge



Dynamic Edge Mopping
Mop pads swing to reach every part of the floor

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.



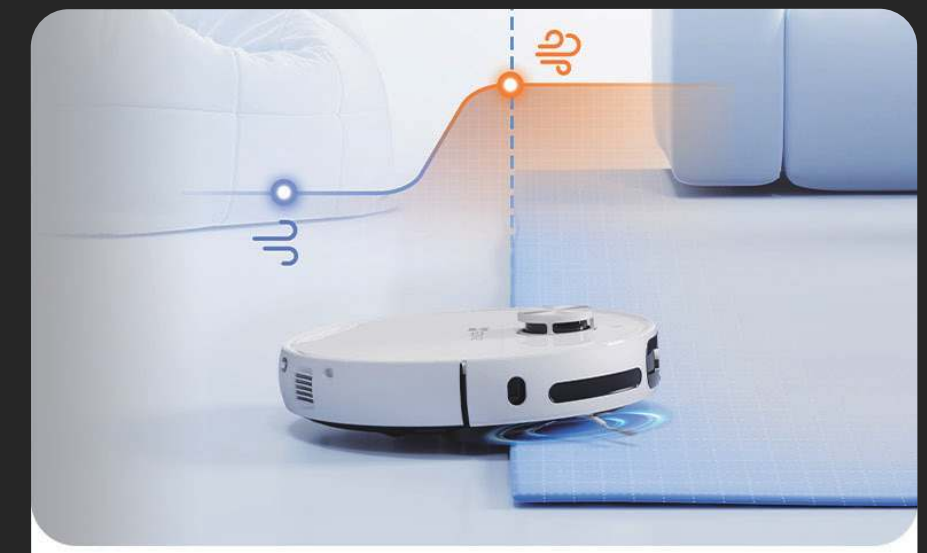
Automatic mop detachment

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.

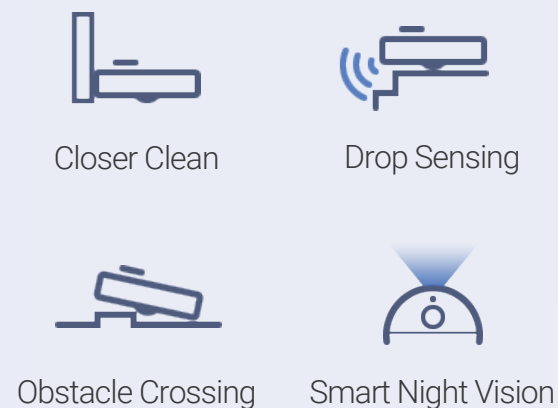


Suction boost mode

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.

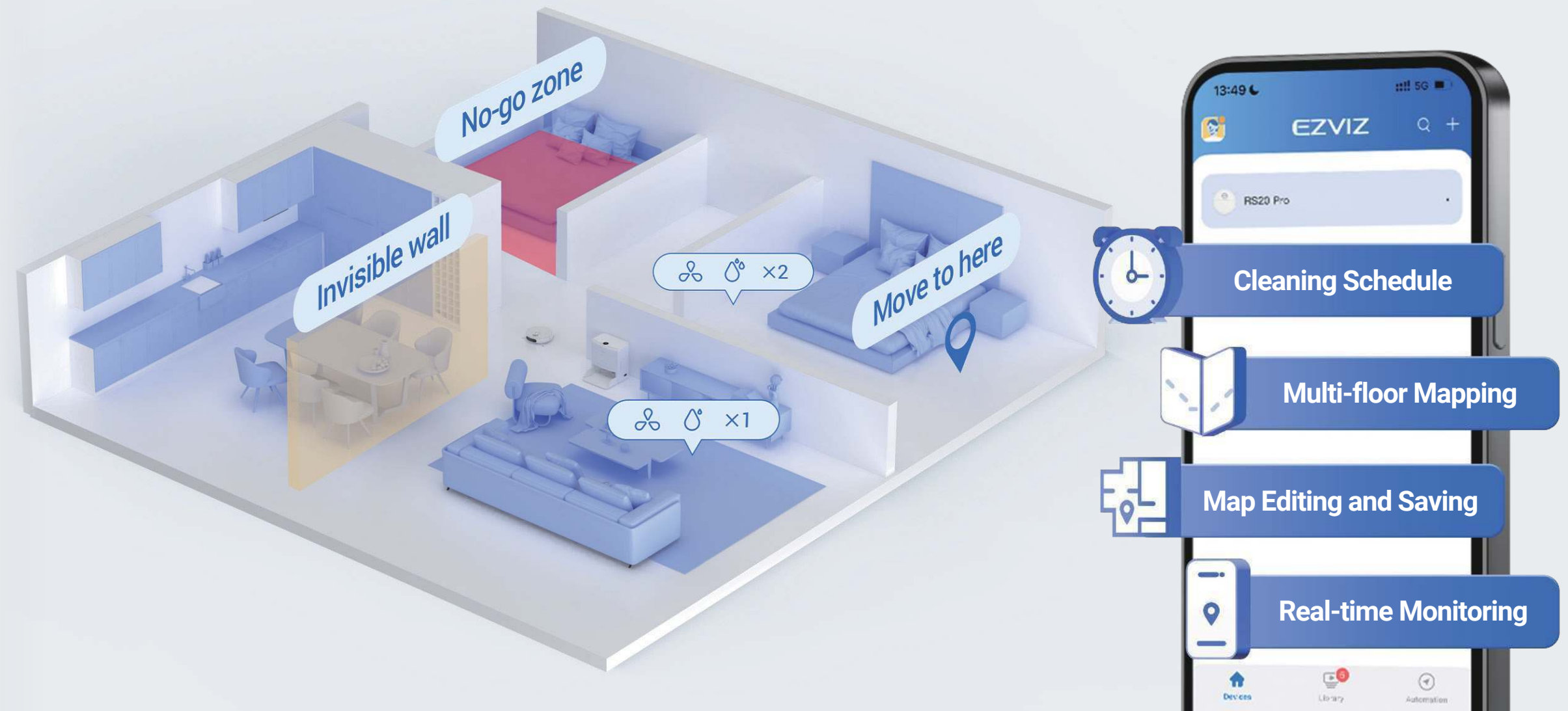
Know where to go, know what to avoid

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."



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

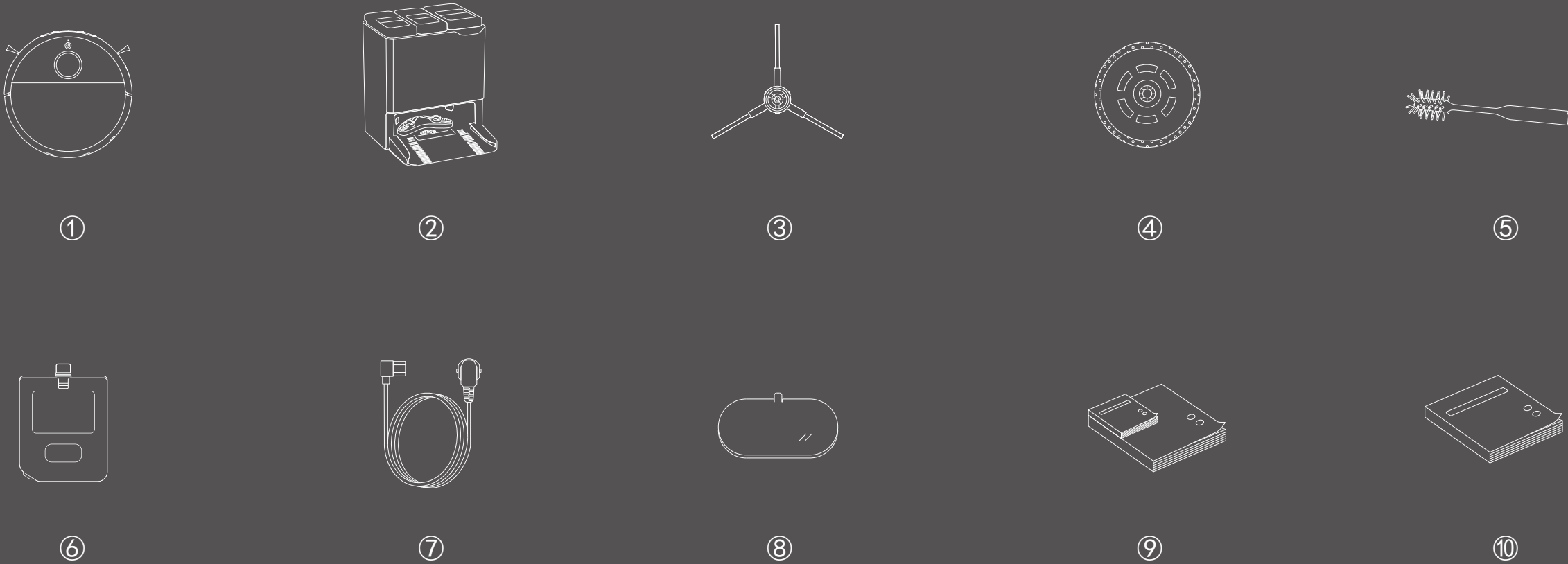
With revenues from the RS20 Pro, EZVIZ is giving back to the planet - planting trees and empowering local farms via our dedicated EZVIZ Global Forest Plan. On average, we plant two trees a day with our green partner Treedom, a global leading tree-planting platform.

[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 AI Virtual Recognition and Marking (Identify 65+ obstacles)

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	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 ²		
Mopping Area	300 m ²		
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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