



robotock



2014/07 Roborock Founded

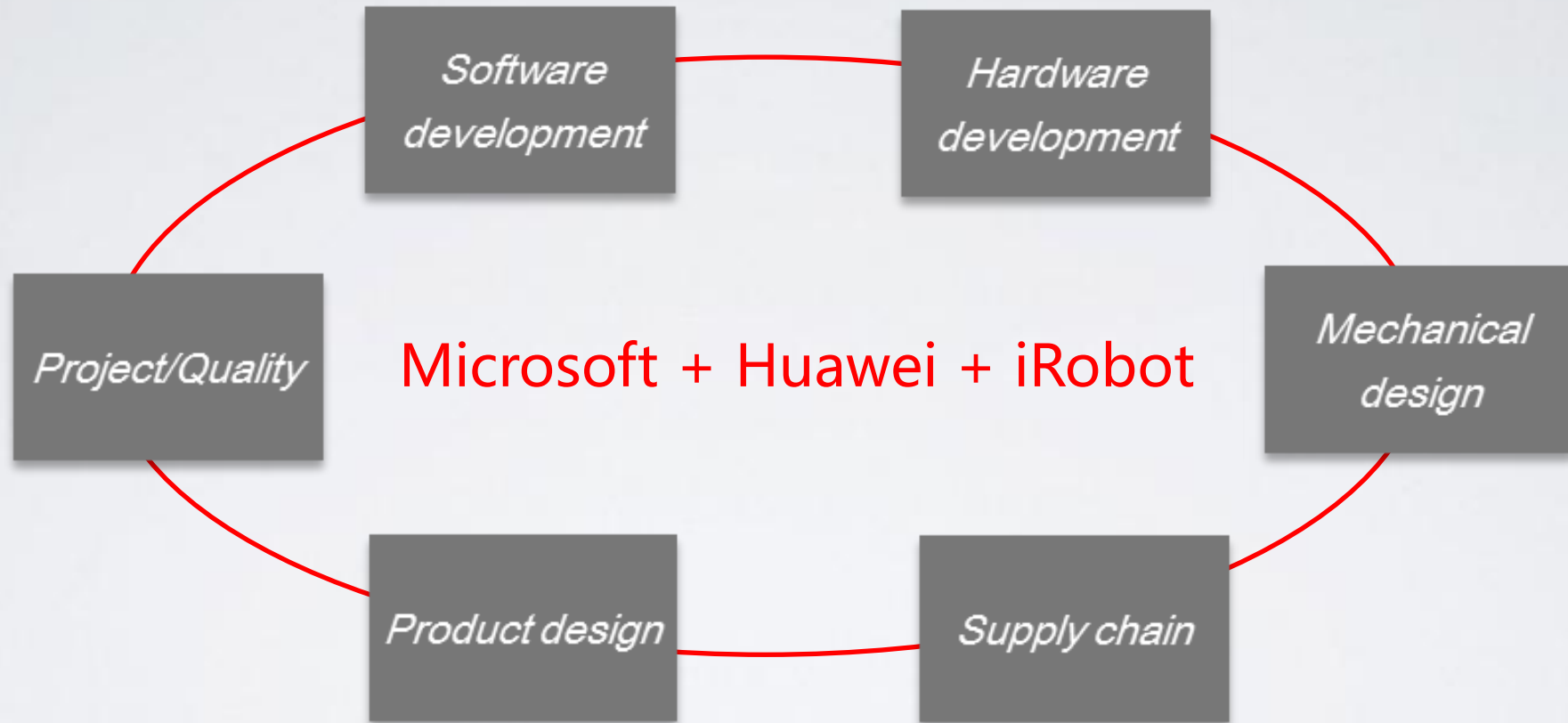
2014/09 Invested by XiaoMi
Became XiaoMi eco chain company

2015/06 Invested by Banyan, Qiming, etc.

2016/09 Mi Robot Launched
Champion of Robotic vacuum cleaner in China
Popular in Germany, Spain, Italy, Russia, Korea, etc.



Professional Team



We design and build household robots

Vision

Free your life!

Mi Robot

Smart, work fast and clean



Thorough Cleaning with Planned Path



Ultra Strong Suction with Floating Agitator Brush



Remote Control with Realtime Map Update

Smart Planned Path| Ultra Strong Suction| Remote Control |Big Battery





New product in 2018 is coming soon.

Flagship series will bring you **better** experience.



S - Flagship series

LDS (Laser Distance Sensor)

5200mAH Li-Battery

- Sweeping and mopping together
- Super obstacle surmounting to over 2cm bank
- Ultra strong suction with 2000PA
- Better ability to get out of trouble with LDS bumper
- Support software partition cleaning and designated location
- 500ML dust box
- Strainer washable



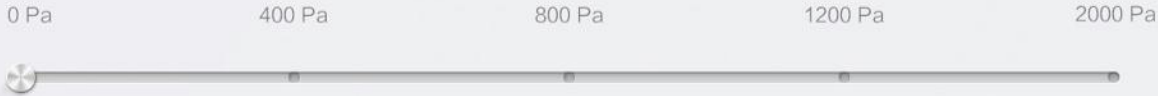
Sweeping and mopping together



Super obstacle surmounting to over 2cm bank



Ultra strong suction with 2000PA



灰尘
Dust



小米
Millet



黄豆
Soybean

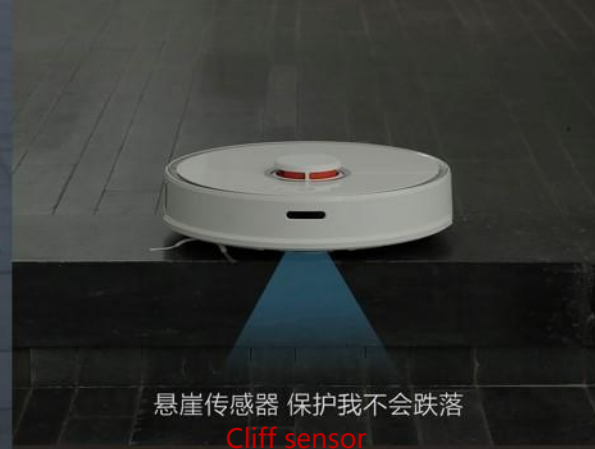


钢珠
Steel ball

Sensors upgrade -Full Perception



防撞软胶 温柔呵护
Collision sensor



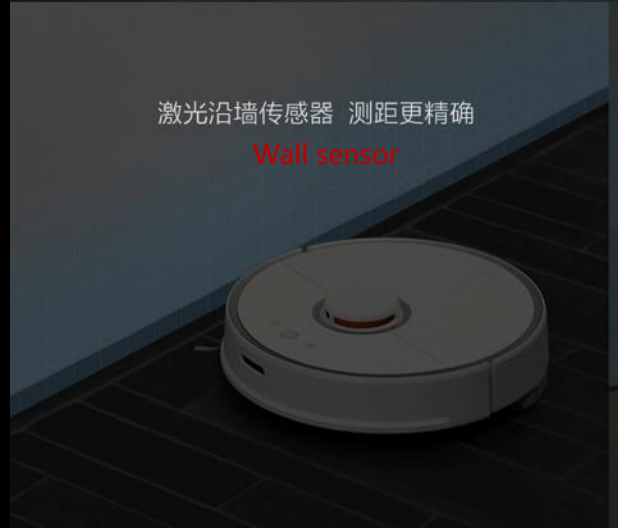
悬崖传感器 保护我不会跌落
Cliff sensor



离开地面 停止工作
Stop working when leave the ground



LDS全向压力传感器 防卡利器
Better ability to get out of trouble with LDS bumper



激光沿墙传感器 测距更精确
Wall sensor



双电子罗盘 虚拟墙识别更精准
Electronic compass



回充传感器 高精度红外感应
Recharging sensor with Infra-red

Software partition cleaning and designated location

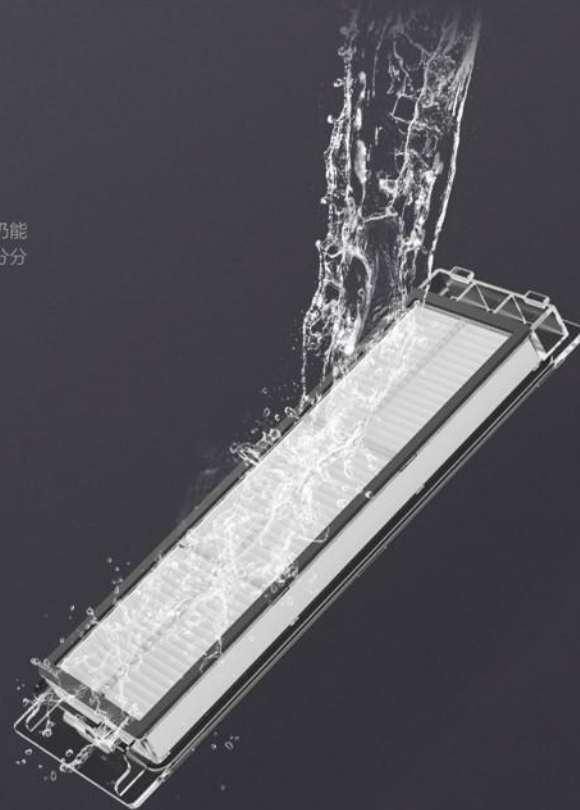


Strainer washable

滤网可水洗 无需频繁更换

E11等级滤网基材外覆防水特氟龙，正常水洗使用1年仍能保持95%的过滤性能。灰多脏腻的尘盒直接用水冲洗，分分钟焕然一新，节省更换普通滤网的成本。

*正常水洗频率为每周水洗1次



LDS - Like with eyes

Independent R&D Laser Distance Sensor (LDS)
360° Scanning | Ranging 1800/ second



Not final ID

Processors - Like with brain

3 Independent Processors

Real time processing sensor information & drawing map & planning path



Allwinner
ARM Cortex™ 4- cores AP



ST
ARM Cortex™ MCU

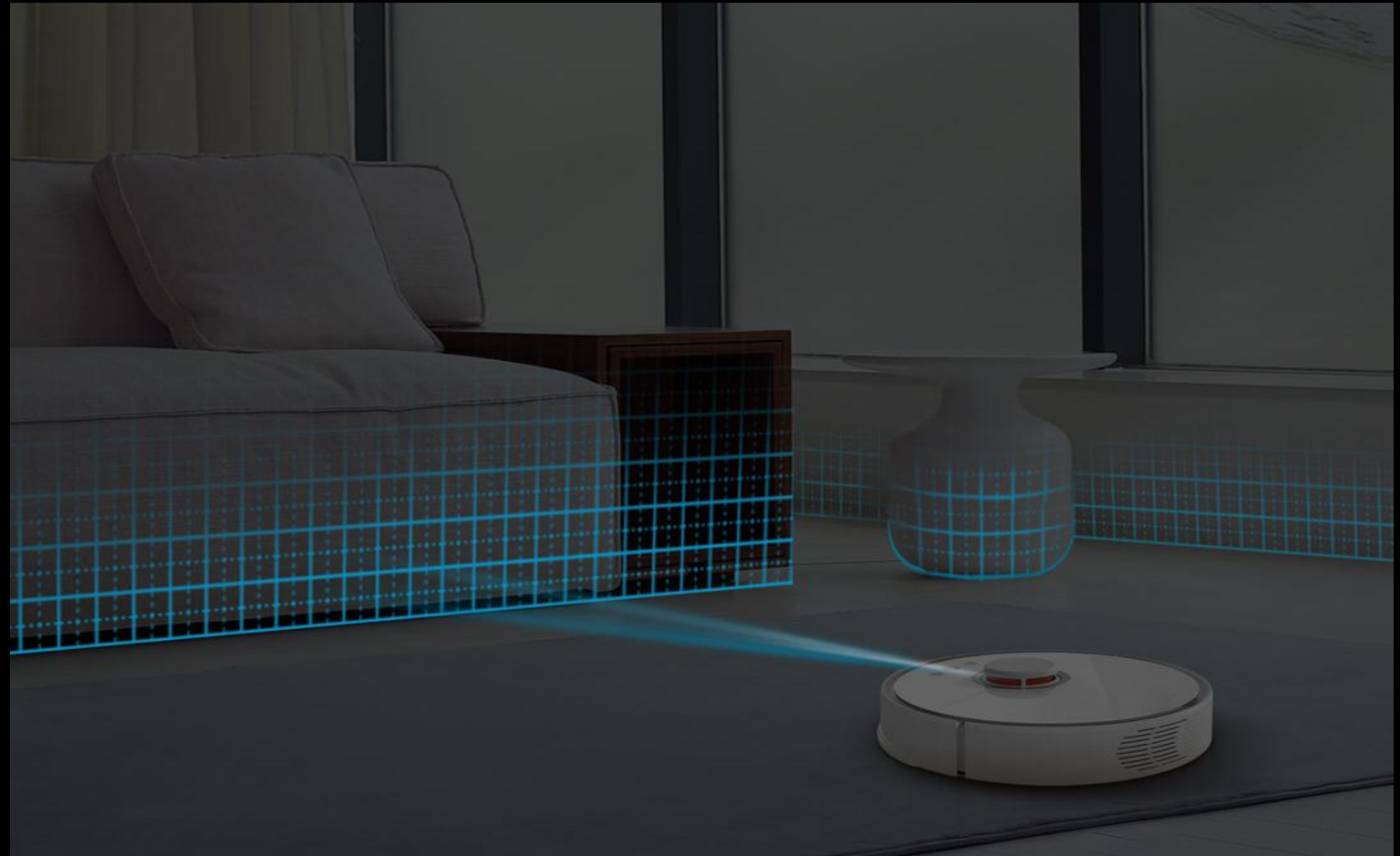


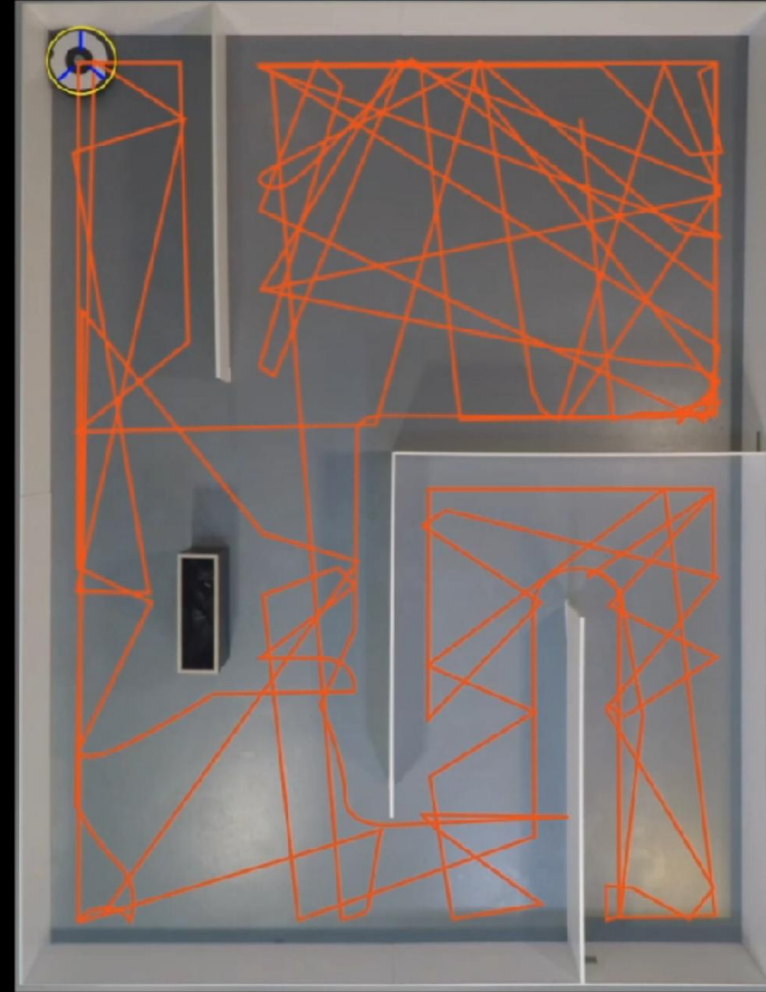
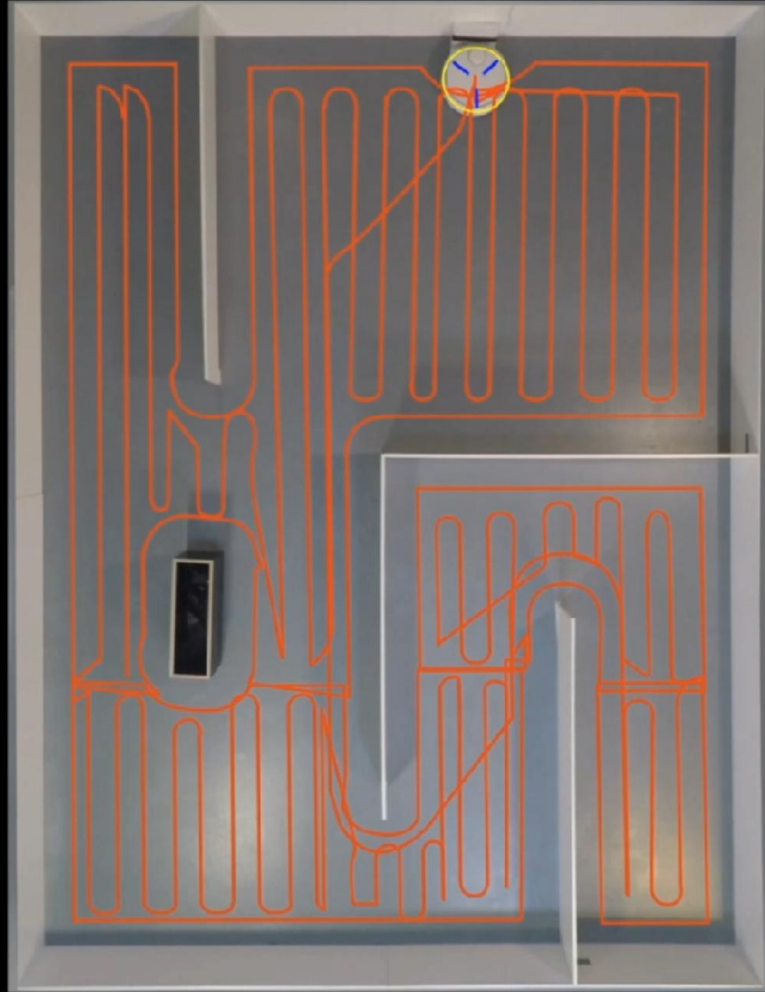
TI
LDS DSP

SLAM – Smart Planning

Our robot uses the most advanced SLAM algorithm which could lively draw map and position itself , has been applied in NASA Mars rover , Google Driverless car and Microsoft HoloLens.

Based on SLAM algorithm , Roborock robot firstly cleans the edge of room and then covers the main area by Z path.





Ultra Strong Suction

NIDEC brushless motor/Floating Agitator Brush
2000pa



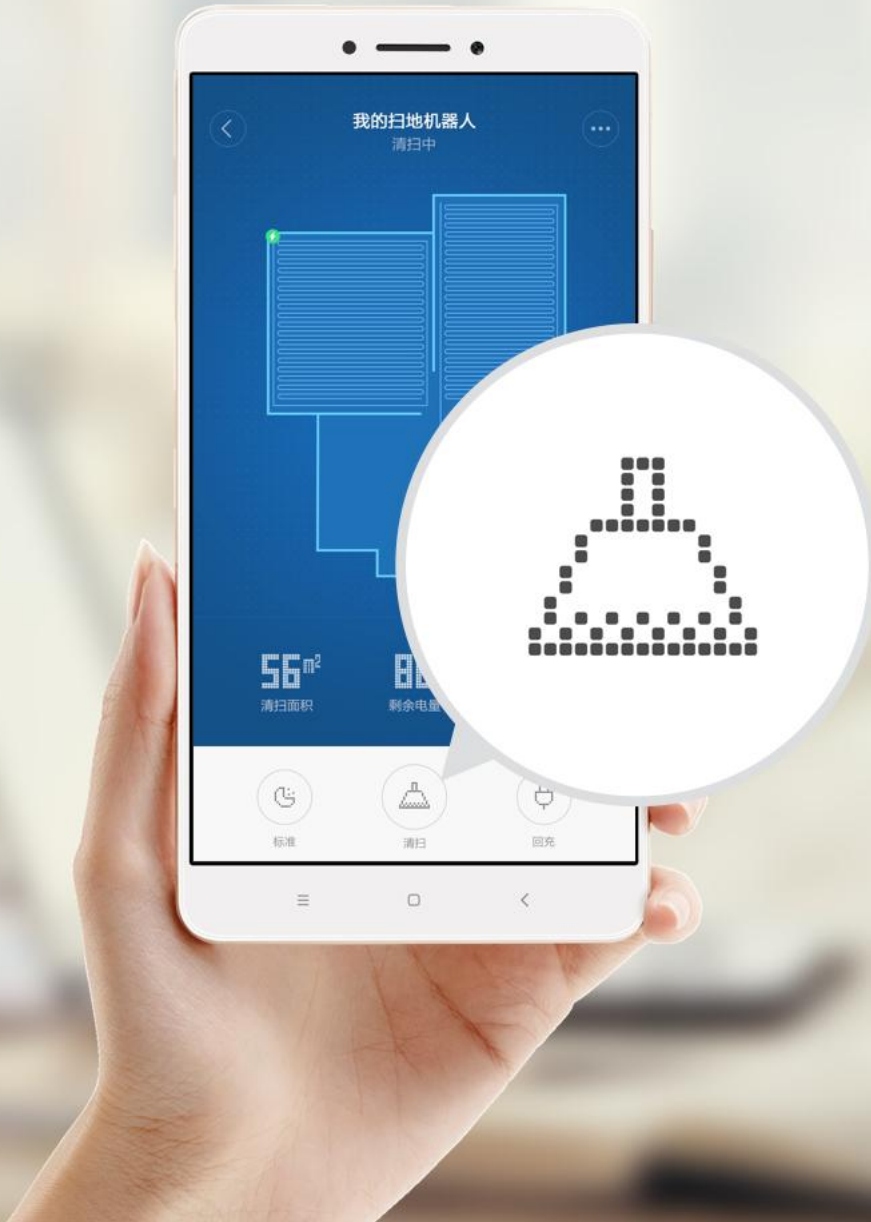
Big Battery



5200mAh Li Battery

- 18650 Panasonic Cell same as Tesla
- Could work for more than 2.5 hours after full charged, which is sufficient to clean a big house

Smart Control



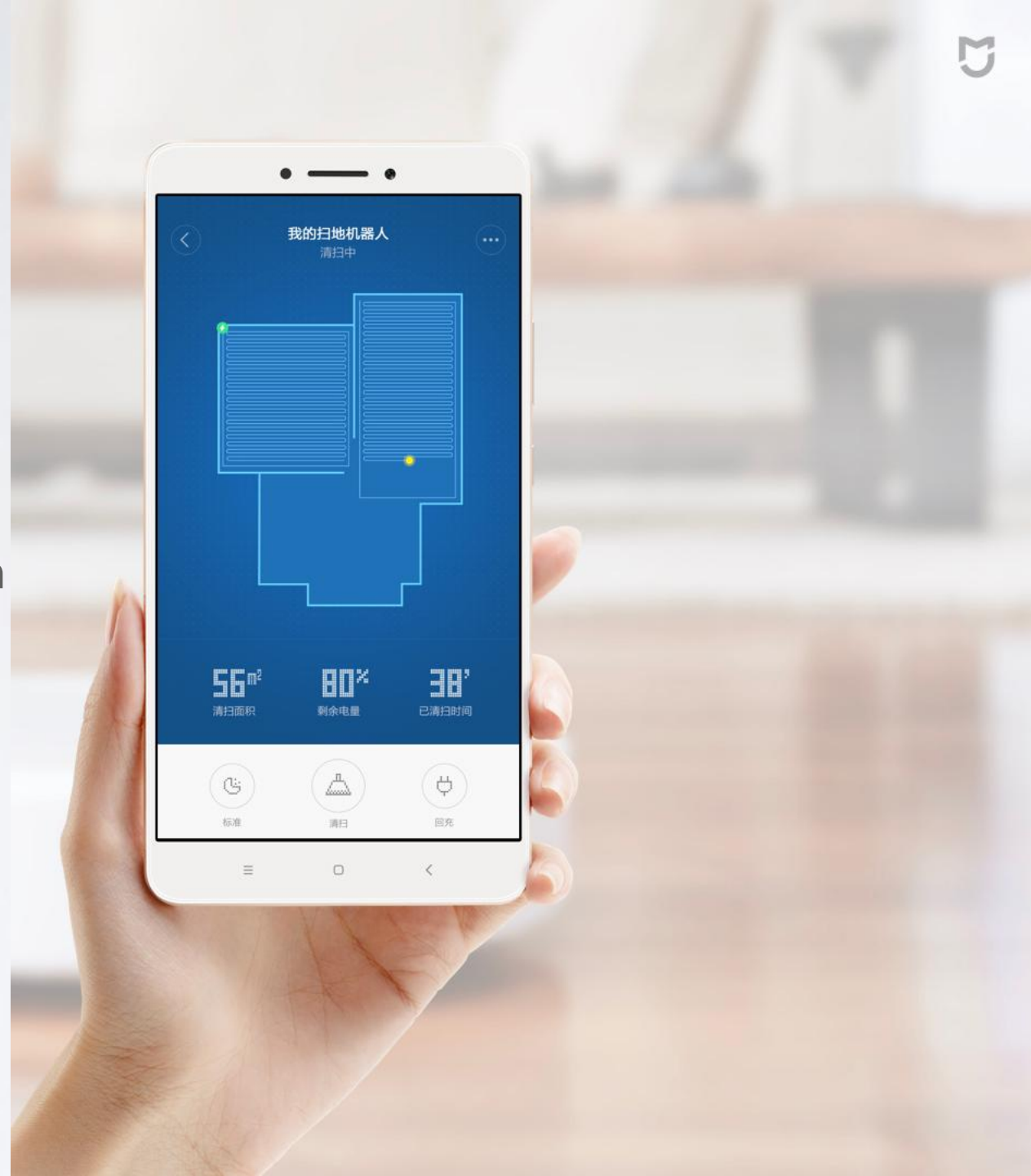
Remote Control

Roborock robot cleaning processing lively shows on mobile APP, which can be operated by cellphone when not at home.

Smart Control

Realtime Map Update


- The position of robot and the cleaning path could be checked at any time.
- The robot could go to any designated location on the map and work there.



Competitors - with High-end robots



Model	iRobot Roomba 980	Neato Botvac D8500	Roborock S
Cleaning Route	Inertial Navigation	Planned Path	Planned Path
Suction Strength	NIDEC 1670 Pa	DELTA 1000 Pa	NIDEC 2000 Pa
Battery	3000mAh	3600mAh	5200mAh
Scope of Work	200m ²	150m ²	250m ²
Working Noise	<65dB	<68dB	<62dB
Mobile APP	Support	No	Support

A white robotic vacuum cleaner is positioned in the center of a grey rug in a modern living room. The room features a light-colored sofa, a wooden side table, and a window with sheer curtains. The overall aesthetic is clean and minimalist.

简洁优雅 科技感十足

科技，生活，个性，简约，这是全新的石头扫地机器人设计之美

Free life, from today on

Thanks