LG Life's Good

CordZero™

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ROBOKING
TURBO+HOMEVIEW

Powerful & Smart Robot Vacuum

Available on the iPhone **App Store**

ANDROID APP ON **Google** play

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ROBOKING
TURBO+HOMEVIEW
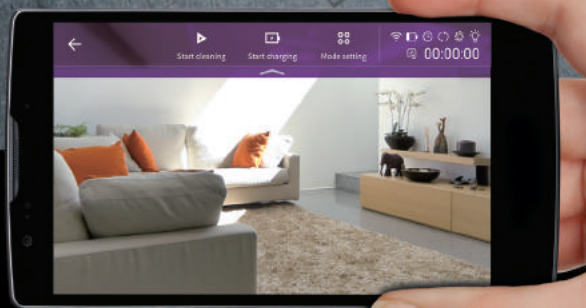
Powerful & Smart Robot Vacuum

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Home View™

HomeView
(See inside your home via the vacuum mounted camera)

Real-time monitoring function with a camera in front of the machine.

For Both Iphone And Android.
Connect To Your Home.

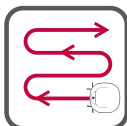* Android - 4.1.2 (Jelly Bean) above / iOS - 8 version above

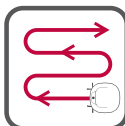| Connect Via 3/4G | One Touch Connection | Interference Free | Moving Camera |

STEP 1

Activate Smart ThinkQ application to connect to your Roboking from outside to see inside of your home.

STEP 2

Once you are connected, you easily clean activation by pressing 'clean' button or drive around your roboking using joystick on your application.

STEP 3

See what Roboking sees thru your Smart phone!

Home View™

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(See inside your home via the vacuum mounted camera)

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3G/4G		FREE	
Connect Via 3/4G	One Touch Connection	Interference Free	Moving Camera

HomeGuard™

HomeGuard (Securing Home from Anywhere)

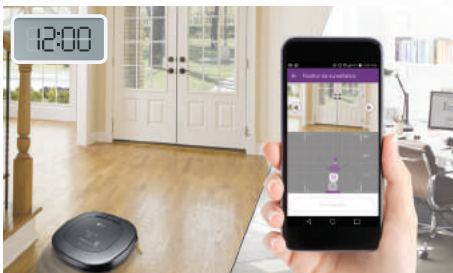Detect movement inside the house and send images to your mobile.

When movement is detected, Roboking will send 5 pictures consectively.

e.g. When your kids are back, Your Roboking will send 5 consecutive pictures to your mobile phone.

HomGuard function is so useful!

Thanks to Roboking HomeGuard for security function.

Set to security mode and Roboking will move to set location.

After 5hours 30mins of security mode, Roboking will automatically return to its charging station to recharge.
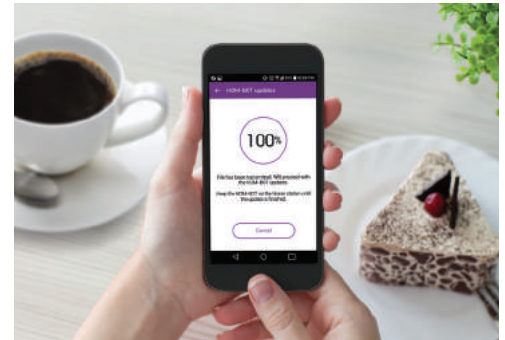
CLEANING DIARY

- Set cleaning schedule.
- Robot will draw the demension of your home and you can trace where it has cleaned. (you can playback its movement route)
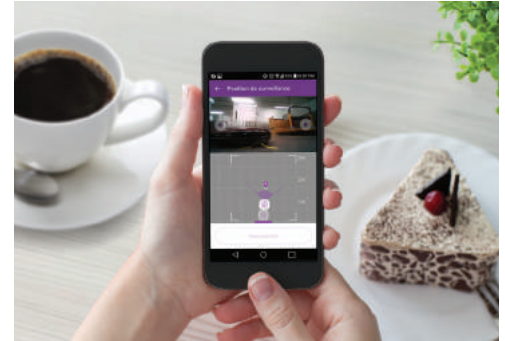
STEP 1
You can schedule when to clean and monitor where it has cleaned via your mobile phone.

STEP 2
Check Roboking's cleaning result via your mobile phone.

STEP 3
Able to monitor cleaned area, checking time and how it has cleaned thru playback button.

SMART INVERTER MOTOR™

Powerful Cleaning & Longer Durability

Smart Inverter
MOTOR
10 YEAR
PARTS WARRANTY
ON MOTOR ONLY

Smart Inverter
MOTOR

VDE
06/2015
Life time tested
DC - Drive Motor
2,000 cycles
(10-years life time)
ID. 40042336

SMART INVERTER MOTOR
10YEAR. Parts Warranty

Smart inverter motor, 10yr. Parts warranty

Unlike conventional carbon brush motor, Inverter motor has no friction to last longer

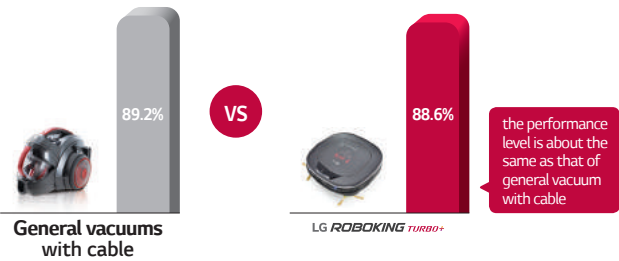| Conventional	Smart Inverter Motor™
Carbon brush burns	**No friction**

Better cleaning performance with Smart inverter motor

LG Inverter robot performs as good as convertional cylinder type vaccum cleaner

Cleaning performance comparison

General vacuums with cable — **89.2%**

VS

LG *ROBOKING* TURBO+ — **88.6%**

the performance level is about the same as that of general vacuum with cable

### Turbo Mode

Turbo mode maximizes the RPM for brush and suction motors in order to enhance cleaning performance. Automatically converts to turbo mode on carpet.

On the carpet

Out of carpet
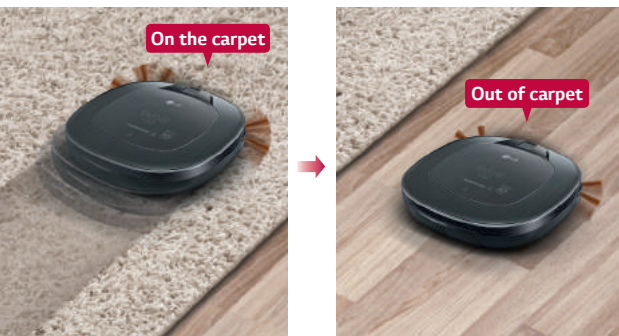
Self battery control

inverter motor has Micro CPU to optimize voltage output to stablize motor efficiency. This will make cleaning performance stable and longer use of the battery

Micro Com

CPU
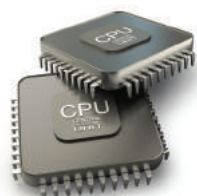
CORNER MASTER

Corner Master enables thoroughly corner cleaning due to square shaped design and 1.5cm longer side brushe that reach corners and walls closer than round shaped robotic vacuum cleaners. Corner cleaning performance has improved by 89% and its cleaning efficiency has been enhanced to 94% comparing to LG conventional model
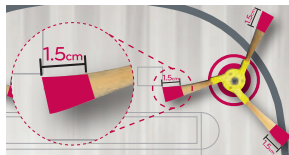
89% improved

VS

Square Design
Because of the square design, the side brusheds are placed closer towrds the corner
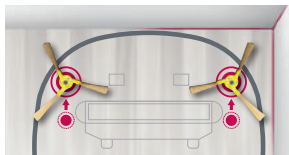
Longer Side Brushes
Because of the square design, the side brusheds are placed closer towrds the corner

1.5cm

Corner Detecting System
ROBOKING smoothly follows the wall and cleverly detects the corner without bumping

**1** Thanks to the flat side shape of ROBOKING SQUARE, it is in close proximity to the wall.

2 Operating corner detection system, it can clean 89% more efficiently than others.

3 Backward cleaning is carried out to finish thoroughly cleaning at the corner.

4 It will continue to clean the next section without collision.
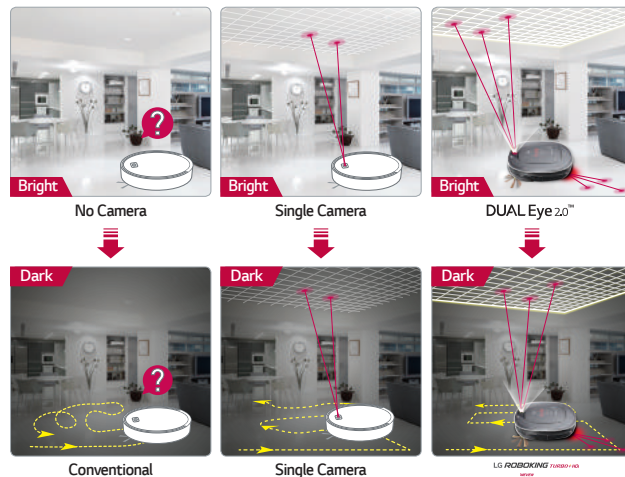
TRIPLE EYE (VR6680VMNC Only)

1. Front camera activate as securing camera.
2. Upper camera creates a map of the house to plan efficient way for cleaning even in the dark.
3. Lower camera reads the patern of the floor and smartly clean the dark areas such as under the furniture

Lower Camera

Front Camera
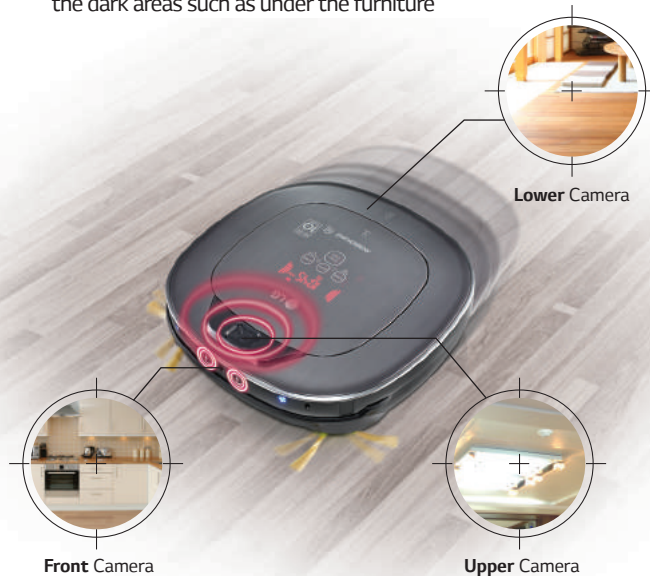
Upper Camera

Thorough Cleaning
Upper camera creates a map of the house to plan efficient way for cleaning even in the dark. Conventional robotic vacuums can easily wander in the dark because it is hard to take pictures without light. With its II-SLAM technology, Dual Eye 2.0(tm) has been upgraded and now automatically calculates the intensity of light and scans the ceiling. Whether it is bright or dark, it can take clear pictures of the room and minimize wandering.
Lower Camera reads the pattern of the floor and smartly clean the dark areas such as under the sofa or bed. An optical sensor reads the floor for measuring of moving distance and recognizes even the slight changes of floor.

Bright — No Camera

Bright — Single Camera

Bright — DUAL Eye 2.0™

Dark — Conventional

Dark — Single Camera

Dark — LG ROBOKING TURBO+ HG

CONVENIENT CLEANING

With LG ROBOKING SQUARE, cleaning becomes easy and convenient.

Easy Out Dust Bin

ROBOKING SQUARE's dust bin is designed to take out from the top. Easier to use than the sliding type dust bins of conventional robotic vacuums. This minimises hassles of residual dust around the dust bin slot. Also, ROBOKING SQUARE has a bigger capacity (0.6L) for more dust intake that makes less effort to dump the dust bin. Pull up type LG dust bin prevents flying dust when emptying.
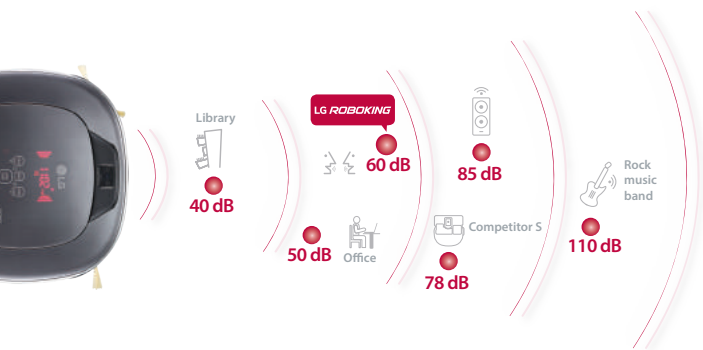
Conventional

LG ROBOKING

Low Noise

Low noise of 60dB(A), quietly convenient cleaning.

Library
40 dB

LG ROBOKING
60 dB

85 dB

Rock music band
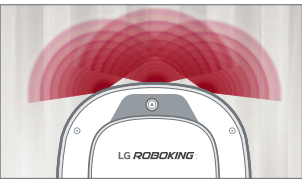
50 dB   Office

Competitor S

110 dB

78 dB

SPECIAL CLEANING MODE

LG ROBOKING SQUARE uses various cleaning programs to satisfy your needs.

Digital Bumper

Multiple sensors recognize obstacles around and minimise collision. LG ROBOKING SQUARE knows how far the obstacles are ahead.

Ultrasonic sensor of ROBOKING SQUARE senses wider and more precisely. It can even sense glass and transparent objects.
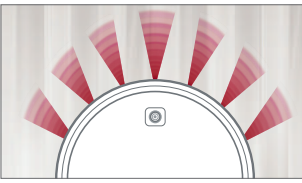
Conventional robotic vacuums using only Infrared sensor, have a narrow sensing area.

Smart Exit

Smart Exit function makes ROBOKING more autonomous. If it meets obstacles and can not move easily with normal cleaning mode, various exit motions helps ROBOKING escape such as brush turn-on / off, spins, and moving back and forth.

Exit from Carpet Seam & Wire
This keeps ROBOKING from getting stuck on closed space, carpet seam and wire, helping it to clean on its own.

Brush on   **Brush off**   **Brush on**

Exit from Circular Obstacle
With controlled self operation vacuum cleaning system, obstacle detectors, ROBOKING moves beyond an obstacle without stopping.

10° spin

Exit from Window Frame
With Smart Exit, ROBOKING recognizes Window Frame. This prevents stucked in and keeps ROBOKING moving forward.
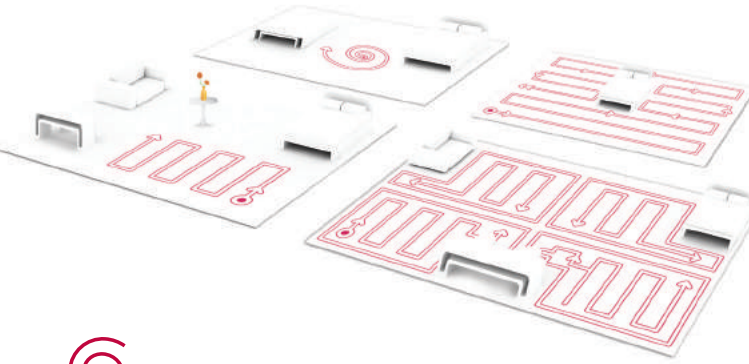
Exit from the Closed Space
Once ROBOKING stocks at aperture, it performs all motion sequences to escape after the certain period of stuck in.

THOROUGH CLEANING

Four full auto and one manual cleaning modes enable most efficient cleaning according to circumstances.

Cell by Cell

A more sophisticated navigation by finishing a cell in Zigzag mode and then moving onto the next cell. Efficient for complicated areas with obstacles.

Zigzag mode

Moving back and forth until ROBOKING meets an obstacle. Efficient for large area with few obstacles.

Spiral

Moves in wide spiral shape for spot cleaning. Circles out in 1.5 meter.

My Space

LG's unique programme which allows to Zigzag mode. Efficient cleaning of a selected space using Zigzag mode.

Zigzag Mode with Mapping

100
50
0

LG **ROBOKING** TURBO+HD
WEVIEW

Random Mode without Mapping

100
50
0

Others
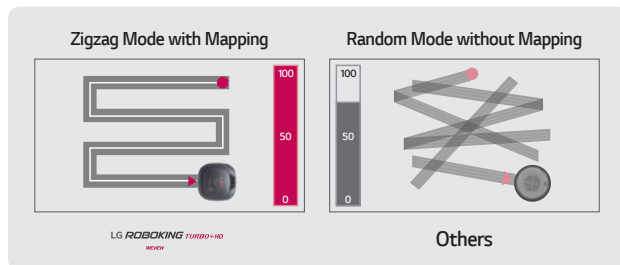
ENRICH YOUR LIFE

LG ROBOKING SQUARE cares in details and offers you various functions which enrich your life.

Long Last Running Time

100 min
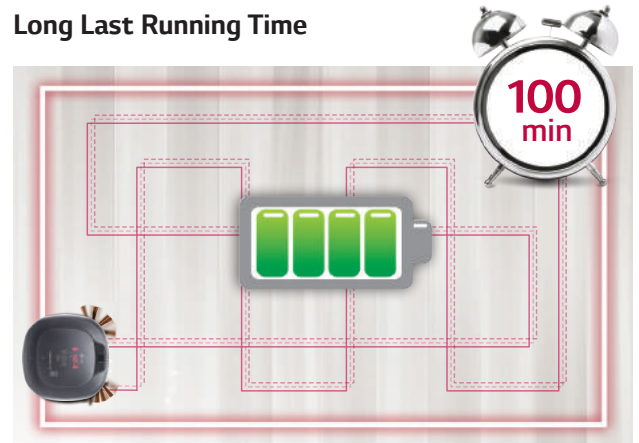
Scheduled Cleaning

With the scheduler, ROBOKING SQUARE will clean the house at your desired time.

One Day

Every Day
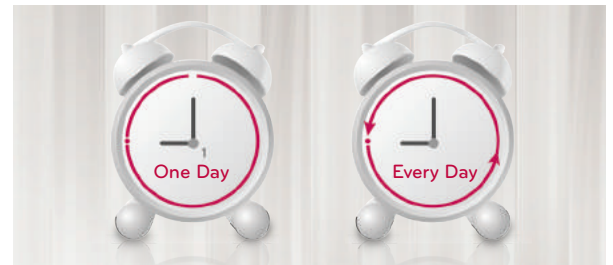
Voice guidance

With more than 90 voice alerts, it notifies ROBOKING SQUARE's current status and movement.

Bettery is low

Charging begins

Cleaning completed

Zigzag mode

Square Shaped Design & Longer Side Brushes

The square shaped design and extended side brushes
Enable a closer reach into corners.

Smart Inverter Motor ™

Powerful suction and Durable design

DIGITAL BUMPERS

Reduces bumping and falling down steps with the
intelligence of multifle sensors

HomeView/HomeGuard

Real time viewing and monitoring
with motion detection

RoboNavi ™

Smart mapping for optimal
cleaning coverage

Turbo Cleaning

Detects carpet and automatically
switches to a more powerful
cleaning setting

VR65801VMNC

- **Network Roboking**
- Metallic Silver Finishing
- Dual Eye Sensor
- Size (H x D x W) : 89 x 340 x 340(mm)
  Home View / Home Guard / Smart Inverter Motor
  Turbo Cleaning / Square Design & Long side brush
  RoboNavi™

Home View™

Home Guard™

Coner Master

Carpet Brush

Mop

VR66802VMWP

- **Wi-Fi Roboking**
- Wifi connection thru smart phone(cleaning diary)
- Metallic Gold Finishing
- Dual Eye Sensor
- Size (H x D x W) : 89 x 340 x 340(mm)
  Wi-Fi / Smart Inverter Motor
  Turbo Cleaning / Square Design & Long side brush
  RoboNavi™

VR66803VMIP

- **Inverter Roboking**
- Wifi connection thru smart phone
- Metallic Rose Gold Finishing
- Dual Eye Sensor
- Size (H x D x W) : 89 x 340 x 340(mm)
  Smart Inverter Motor / Upgraded Dual Eye 2.0™
  Square Design & Long side brush / RoboNavi™ / Self Learning
  Turbo Cleaning

VR64702LVMP

- **Single Eye Inverter Roboking**
- Wifi connection thru smart phone
- Ruby Red Finishing
- Single Eye Sensor
- Size (H x D x W) : 89 x 340 x 340(mm)
  RoboNavi™
  Square Design & Long side brush / Digital Bumper / Self Learning
  Turbo Cleaning

VR63409LV

- **Wi-Fi Roboking**
- Wifi connection thru smart phone
- Lime blue
- Single eye
- Size (H x D x W) : 89 x 340 x 340(mm)
  Turbo Cleaning / Square Design & Long side brush / RoboNavi™

BUTTON FUNCTIONS

Roboking Square

BUTTON LOCK On/Off
Press 'TURBO' and 'MODE' buttons for 3 seconds to activate or deactivate Button Lock function.

TURBO
Used to set the 'Turbo Mode'.

MODE
Used to change the setting of cleaning modes.

START/STOP
Used to turn power on, start or stop cleaning.

HOME
Used to recharge ROBOKING by making it move to Home Station.

Remote Controller

START
Start cleaning.

MODE
Change the cleaning mode.

DIRECTIONAL BUTTON
Enable Manual Operation and selection of an area in 'My Space' cleaning mode.

REPEAT
Activate or deactivate 'Repeat' cleaning mode.

SCHEDULE
Start cleaning at a scheduled time. Press the button for 3 seconds to cancel the schedules cleaning.

CLOCK
Set the current time indicated on ROBOKING.

HOME
Recharge ROBOKING by making it move to Home Station.

TURBO
Activate or deactivate 'Turbo' mode.

STOP
Stop ROBOKING or cancel a cleaning schedule or time setting.

MY SPACE
Set ROBOKING in 'My Space' cleaning mode.

MUTE
Activate or deactivate 'Mute' mode.

DIAGNOSIS
Run 'Smart Diagnosis'. Available only when ROBOKING is recharging.

LG's CORDZERO Collection

SELF-CLEANING

SECONDARY

PRIMARY

SPECIFICATION

Category	Spec	VR65801VMNC	VR66802VMWP	VR66803VMIP	VR64702LVMP	VR63409LV
Model		VR65801VMNC	VR66802VMWP	VR66803VMIP	VR64702LVMP	VR63409LV
Color		Metal Silver	Metal Gold	Metal Red	Ruby Red	lime blue
Features	WxDX H(mm)	340 X 340 X 89(mm)	340 X 340 X 89(mm)	340 X 340 X 89(mm)	340 x 340 x 89(mm)	340 x 340 x 89(mm)
	Net Weight	3kg	3kg	3kg	3kg	3kg
	Packing Weight	5.6kg	5.6kg	5.6kg	5.6kg	5.6kg
	Consumption Power	15W	15W	15W	18W	18W
	Running time	100min	100min	100min	100min	100min
	Charging time	3hr	3hr	3hr	3hr	3hr
	Cleaning Extent m² (without recharging)	150m²	150m²	150m²	150m²	150m²
	Upper Camera	II SLAM	II SLAM	II SLAM	II SLAM	II SLAM
	Lower Camera	OFS	OFS	OFS	OFS	-
	Smart Diagnosis	Yes	Yes	Yes	Yes	Yes
Battery	Type	Li Ion	Li Ion	Li Ion	Li-Ion	Li-Ion
	Capacity	14.4V / 2330mAh	14.4V / 2330mAh	14.4V / 2330mAh	14.4V / 2200mAh	14.4V / 2200mAh
Charger	Rating Electrocity	17.1V /1.1A/23W	17.1V /1.1A/23W	17.1V /1.1A/23W	17.1V /1.1A/23W	17.1V /1.1A/23W
Warranty	Moter 10 year warranty	Yes	Yes	Yes	-	-
Smart Fuction (Wifi)	Home Guard	Yes	-	-	-	-
	Home View	Yes	-	-	-	-
	Cleaning Diary	Yes	Yes	-	-	-
	Smart Upgrade	Yes	Yes	-	-	-
Cleaning Mode	Number of Cleaning Mode	7	7	7	7	5
	Zigzag	Yes	Yes	Yes	Yes	Yes
	Cell by Cell	Yes	Yes	Yes	Yes	-
	Spot (Spiral)	Yes	Yes	Yes	Yes	-
	My Space	Yes	Yes	Yes	Yes	Yes
	Turbo	Yes	Yes	Yes	Yes	Yes
	Smart Turbo	Yes	Yes	Yes	Yes	Yes
	Repeat	Yes	Yes	Yes	Yes	Yes
Noise level(IEC)	IEC (Turbo)	69dB	69dB	69dB	62dB	62dB
	IEC (Normal)	60dB	60dB	60dB	60dB	60dB
Navigation	System	Robonavi 10.0	Robonavi 10.0	Robonavi 10.0	Robonavi 10.0	Robonavi 10.0
	Method	Absolute / SLAM / Kidnap	Absolute / SLAM / Kidnap	Absolute / SLAM / Kidnap	Absolute / SLAM / Kidnap	Absolute / SLAM / Kidnap
	Localization Sensors	Vision/Gyro/OFS	Vision/Gyro/OFS	Vision/Gyro/OFS	Vision/Gyro	Vision/Gyro
	Learning Function	Yes	Yes	Yes	Yes	Yes
Cleaning Performance	Corner (10cm x 10cm)	96%	96%	96%	94%	94%
	Edge (1m x 1m)	93%	93%	93%	93%	93%
	Hard Floor	95%	95%	95%	90%	90%
	Carpet	45%	45%	45%	30%	30%
	Big Dust	99%	99%	99%	90%	90%
Smart Exit		Yes	Yes	Yes	Yes	Yes
Obstacle Sensors	OFS (Lower Camera)	Yes	Yes	Yes	Yes	-
	Gyro	Yes	Yes	Yes	Yes	Yes
	USS (Ultrasonic Sensor)	1T / 2R (2-Pair)	1T / 2R (2-Pair)	1T / 2R (2-Pair)	1T / 2R (2-Pair)	1T / 2R (2-Pair)
	PSD (Position Senstive Detector), (Qty)	2	2	2	2	2
	Cliff (Qty)	3	3	3	3	3
	Accelometer	Yes	Yes	Yes	Yes	Yes
Voice alert	Guide	Yes	Yes	Yes	Yes	Yes
	Mute	Yes	Yes	Yes	Yes	Yes
Remote control	Remote control	Yes	Yes	Yes	Yes	Yes
Power Saving	Power Saving Function	Yes	Yes	Yes	Yes	Yes
User Interface	Display	LED Module	LED Module	LED Module	LED Module	LED Picto
	Button	Touch	Touch	Touch	Touch	Touch
Accessory	Pet Brush (Additional)	Yes	Yes	Yes	Yes	-
	Carpet Brush (Main)	Yes	Yes	Yes	Yes	-
	Mop	2	2	2	2	-
	Mop Plate	Yes	Yes	Yes	Yes	-
	Extra Filter	Yes	Yes	Yes	Yes	-
	Extra Side Brush	2	2	2	2	-
	Cleaning Brush	Yes	Yes	Yes	Yes	Yes
	Cleaning Tool	Yes	Yes	Yes	Yes	Yes