

Floor Covering Media

Your Gateway to the Floor Covering Industry

AI powered robot vacuum



Like cleaning floors? No? Not a surprise! Imagine a floor that cleans itself. We're not there yet but getting closer.



Samsung Electronics introduces an AI-powered robot vacuum that can sense when, where and how to get the job done.



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SAMSUNG Jet Bot AI+ Robot Vacuum Cleaner

It is a recent innovation. The name? Bespoke [Jet Bot AI+](#), a sleek, smart and programmable robot vacuum that cleans while you're doing other things, even when you're away from home running errands.



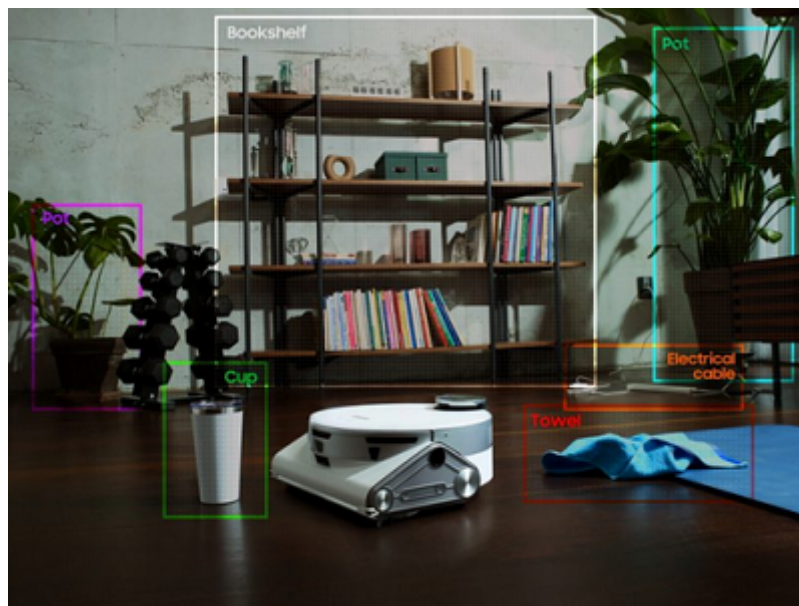
It is an ideal device for busy people managing work schedules, exercise routines and other tasks all while raising families.



It's object detection and recognition technologies makes cleaning your floors convenient, personalized and pet-friendly.

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It identifies and classifies the objects it encounters on the floor. How? By mapping out their location, which allows for cleaning closely around furniture, home appliances and other obstacles such as floor lamps or plants so that you aren't required to move them before starting the cleaning task.

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It actually senses whether or not the object is fragile and, in such cases, it knows how to maintain a safe distance from it.



It determines whether or not the object is dangerous and, in such cases, it knows how avoid them and continue cleaning.

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AI Driving

World's 1st robot vacuum with an Intel AI solution that can recognize objects on the floor, along with furniture and home appliances



3D Sensor

World's 1st robot vacuum with an active stereo-type 3D sensor, enabling precise detection of small obstacles

This robot vacuum powered by an Intel AI solution is equipped with an active stereo-type 3D sensor that enables it to think and make decisions on its own. How so? It gauges the layout of your living space. Why is this function so important? It allows the device to drive efficiently throughout a home and navigate around objects including pets without supervision.

LiDAR

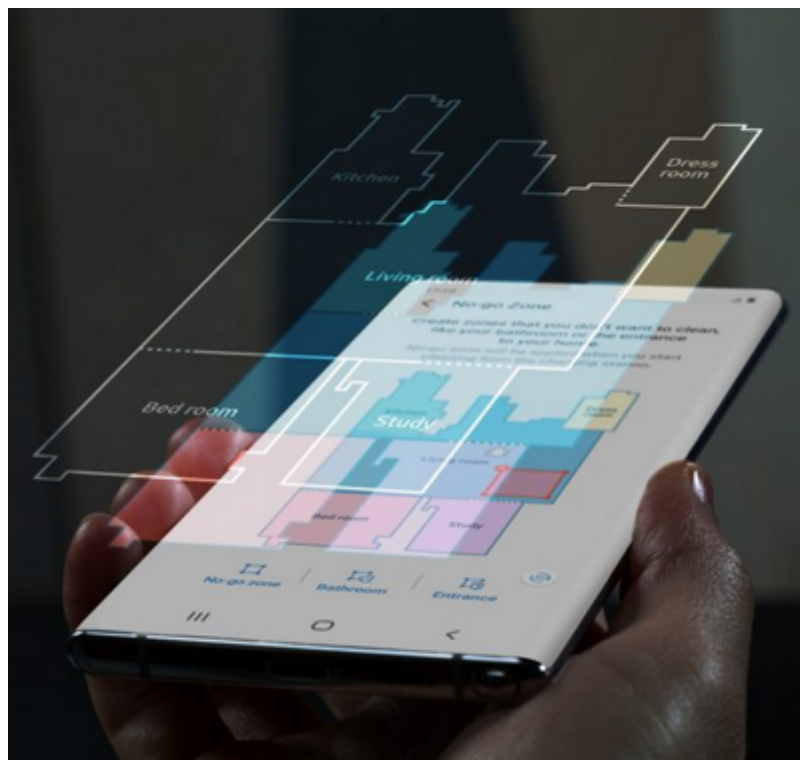
Light Detection And Ranging

Its [Lidar](#) sensor (Light Detection And Ranging) is not much unlike the ones in self-driving vehicles, which accurately track its location and optimize its cleaning path for the purpose of covering more of your home so that it can pick up dirt, dust and dander that's buried in those tough to reach corner spaces that may have otherwise gone unnoticed and uncleaned.



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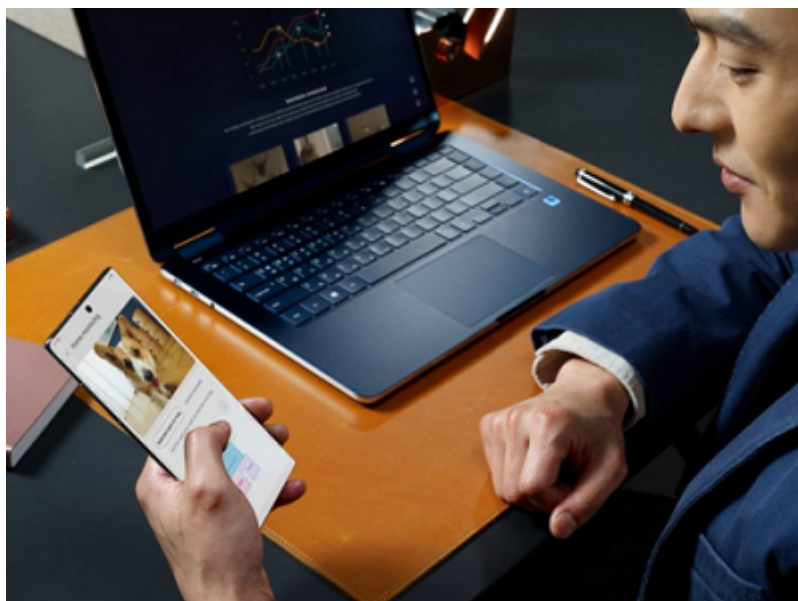
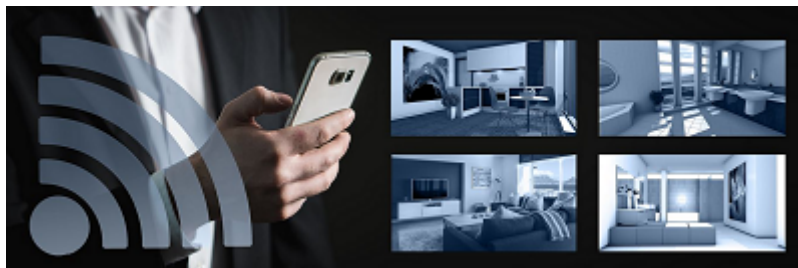
It even recognizes pet excrement. It maneuvers around it and prevents unwanted spreading or secondary contamination.



How does it work? Synchronize it to your smartphone via [Wi-Fi](#) using the [SmartThings app](#).³ The Select & Go feature allows users to easily schedule remote cleaning in specific rooms and identify virtual No-Go Zones to prevent the device from entering certain areas of your home to avoid the machine falling down stairs.

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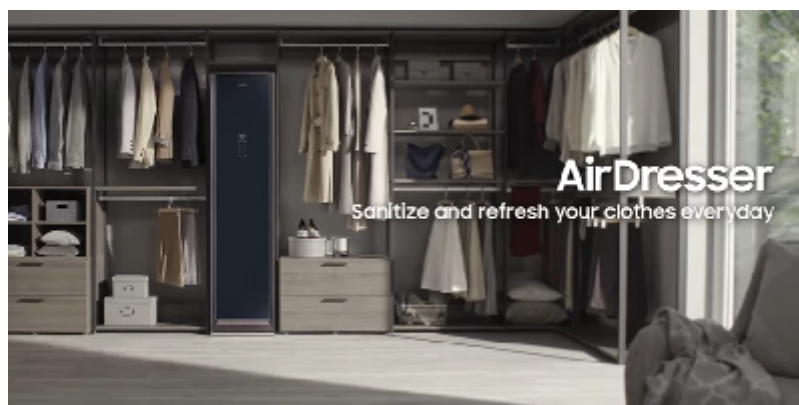
Check in on your pets at any time and from anywhere using the device's streaming live feed from the front camera. Monitor the status of rooms and pets in patrol mode; the securely encrypted video clips are viewable by authorized users.



A remote pet care service is available ([PETKIT.4](#)). The PETKIT COZY smart pet house comes with its own set of sensors for the purpose of adjusting temperatures and tracking your pet's resting patterns while offering you a sense of security, while PETKIT's Element feeder series lets you feed pets scheduled meals all managed remotely via the SmartThings app.

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Notable:

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1 Objects include: Air conditioner (stand type), refrigerator, TV, washing machine/dryer, air purifier, [AirDresser](#), sofa, bed, bookshelf, table, refrigerator, dishwasher, excrement, electrical cable, towel/sock, cup, glass cup, bottles, bowl, vase.

2 Object recognition may be affected by an object's shape or environmental conditions.

3 Available on Android and iOS devices. Wi-Fi connection and Samsung account required.

4 SmartThings Pet syncs with the Element feeder series and the COZY smart pet house from PETKIT, a tech company dedicated to bringing smart pet products to market.

Floor Covering Media publishes
press releases called Flooring Updates.



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For those in the market and those that serve it

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