

## What is Visionary Mapping™ Plus System.

Visionary mapping plus system - robot navigates around the house with systematic mapping that ensures all areas are covered.

The system naming was found at samsung official page and here is small description what they say it is:

"This Visionary Mapping Plus™ navigation system allows for quick movements, with upgraded sensors of NaviBot-CornerClean to complete the fast cleaning with swift reaction to obstacles and cords.

Using high-performance dual CPU chips, the Visionary Mapping™ Plus System can capture 15 image frames per second with the onboard camera, creating a map of your house. NaviBot-CornerClean can also determine effective cleaning path to complete the cleaning process required by calculating its exact location. When the battery is low, NaviBot-CornerClean automatically takes a short route back to the docking station for recharging. After fully recharged, it goes back to its last location and resumes cleaning."

Other description of NaviBot S robot with Visionary Mapping says:

"NaviBot S creates a map of your house using an onboard camera and a suite of advanced sensors such as infra-red detection. The Visionary Mapping™ Plus System can capture images at 30 frames per second with the onboard camera, creating a map of your house and plotting the optimum route to achieve total coverage. NaviBot-S also has the ability to memorize the best cleaning path, calculating its location in your home, and keeping track of where it has cleaned, and what is still left to finish off.

The NaviBot S™ clever cognitive mapping technology uses two CPU control chips, which serve as the "brain" behind its intelligent navigation program, allowing it to remember where it has cleaned in spatial relation to objects and its charging base. Visionary Mapping™ Plus creates a virtual map that assists the device in deciding the quickest and safest route to take, and avoid obstacles along the way. Samsung pioneered this technology."

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