

Samsung to introduce latest ultrasound image processing engine

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Samsung has developed a new ultrasound image processing engine to deliver three-dimensional pictures of various organs or of fetuses.



Samsung Electronics Co. said Tuesday it has developed a new ultrasound image processing engine with its medical instrument arm Samsung Medison Co. that can be utilized to deliver more accurate diagnosis of fetuses.

Samsung said the new solution, CrystalLive, uses the latest image processing technologies to deliver three-dimensional pictures of various organs or of fetuses.

The company said mothers will receive vivid images of their babies to build intimacy and that doctors can improve the accuracy of diagnoses by detecting potential congenital diseases.

Samsung said its ultrasound device WS80A will use the CrystalLive engine and will be released in South Korea, Europe and the United States on Tuesday. It will hit other markets around the globe, although the scheduling will depend on approval from local authorities.

"We plan to improve the accuracy and efficiency of diagnosis through the CrystalLive engine and speed up our penetration into university-run hospitals, which call for high-level diagnosis," Samsung Medison said.