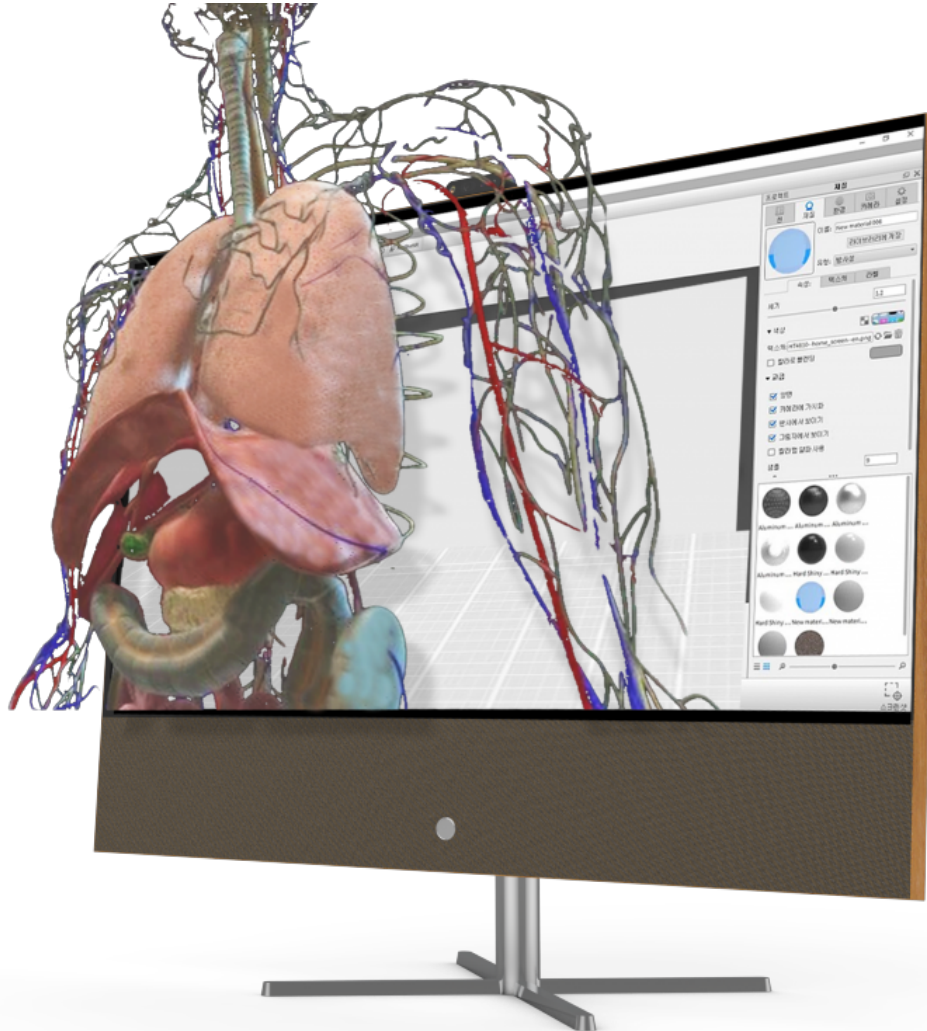


Introducing the Spatial Display Surgical Monitor: Elevating Surgical Precision with Glasses-Free 3D Technology

FSN Medical Korea Inc. Advances Surgical Visualization with Innovative 3D and AI-Driven Technology



Kumi, Kyeongsangbuk Aug 17, 2024 ([Issuewire.com](https://www.issuewire.com)) -  **Company Name:** FSN Medical Korea Inc.

 **Product Name:** Spatial Display Surgical Monitor

 **Model Number:** FMK-55SD-SM-V1

 **Product Launch Date:** March 1, 2025

Product Overview

FSN Medical Korea Inc. is excited to announce the launch of the Spatial Display Surgical Monitor, model FMK-55SD-SM-V1, a groundbreaking product designed to significantly enhance the quality and comfort of robotic, remote, and endoscopic surgeries. Scheduled for release on March 1, 2025, this

innovative monitor delivers lifelike 3D surgical visuals without the need for glasses, resolving many challenges faced by existing surgical monitors.

Addressing Critical Challenges in Surgical Visualization

In modern surgical procedures, particularly in robotic, remote, and endoscopic surgeries, the quality of the displayed surgical image is crucial. Traditional 3D monitors require the use of glasses, leading to discomfort during prolonged procedures. These monitors also offer a narrow 5-degree viewing angle, which can cause issues such as loss of depth perception, motion sickness, and dizziness when the viewer's perspective shifts slightly.

The Spatial Display Surgical Monitor overcomes these limitations with the integration of a nano-optical filter within the display. This technology allows surgeons to view 3D images without the need for glasses, significantly improving comfort during extended use. The monitor's wide viewing angle ensures that the 3D effect remains consistent, regardless of the viewer's position, making it an essential tool for surgical environments.

Innovative AI-Driven Technology for Optimal Viewing

The FMK-55SD-SM-V1 monitor is equipped with advanced cognitive AI technology that predicts the viewer's perspective and adjusts the 3D image in real time. This feature delivers a natural and seamless 3D viewing experience, similar to seeing with the naked eye. The monitor maintains a consistent 25-degree viewing angle both horizontally and vertically, effectively eliminating the limitations of traditional 3D monitors, such as narrow viewing angles and visual distortions.

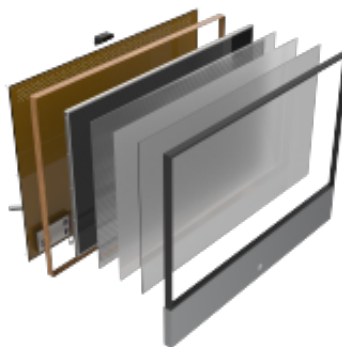
This innovation is particularly beneficial for long-duration surgeries, as it reduces the risk of motion sickness and dizziness, allowing surgeons to maintain focus and precision throughout the procedure.

Enhancing Production Efficiency and Cost-Effectiveness

Beyond its technological advancements, the Spatial Display Surgical Monitor also offers significant improvements in production efficiency and cost-effectiveness. By utilizing film-based nano-optical filters instead of traditional glass materials, FSN Medical Korea Inc. has achieved a threefold increase in production efficiency and reduced manufacturing costs by over 30%. These savings make the monitor more affordable and accessible for a variety of applications beyond the medical field, expanding its potential market.

🔗About FSN Medical Korea Inc.

FSN Medical Korea Inc. is a technology-driven company specializing in the development and application of advanced medical display systems. Since its founding, the company has been committed to enhancing the quality of surgical and medical imaging through continuous innovation. FSN Medical Korea Inc. is dedicated to providing cutting-edge solutions that improve surgical precision, safety, and overall healthcare outcomes.



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