

Realfiction presents its first DPT key component

Realfiction Holding AB is pleased to present its first version of its Directional Pixel Technology (DPT) key component - a specialized 15.5-inch spatial light modulator.

The spatial light modulator, integral to Realfiction's DPT, is designed using mass-manufacturable components, ensuring versatility across various display sizes. It is compatible with LCD, LED /MicroLED, and OLED displays, facilitating the creation of multi-view and multi-user glasses-free 3D experiences without the resolution loss associated with previous technologies.

“This is an exciting moment for Realfiction and our stakeholders,” says Richard Ouyang, CTO of Realfiction. “We have successfully developed the key component that makes large-scale, high-quality multi-view and glasses-free 3D displays viable, and we are now ready to move toward commercial integration in multiple display applications.”

As part of our latest collaboration, plans are underway to integrate this spatial light modulator into center stack dual-view LCD displays, tailored for leading automotive manufacturers and Tier 1 suppliers. This integration aims to enhance in-car display systems by providing distinct views for drivers and passengers, thereby improving both safety and user experience.

Additionally, Realfiction is collaborating with a leading MicroLED technology partner to integrate 3D capabilities into MicroLED technology.

A photograph accompanying this announcement, featuring CEO Clas Dyrholm and CTO Richard Ouyang holding the first manufactured version of the key component, can be seen [here](#).

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About Realfiction Holding AB

Founded in Denmark in 2008, Realfiction is a provider of cutting-edge 3D display technologies designed for tomorrow's needs, featuring technological breakthroughs with its Directional Pixel Technology for LCD, OLED and microLED. These technologies support a wide range of use cases, including enhancing driving safety, medical imaging, immersive gaming and entertainment, digital signage, as well as applications in architecture, engineering, and design. The Company offers a comprehensive intellectual property portfolio tailored for OEMs and Tier-1 partners involved in developing and marketing displays for markets and industries requiring high-resolution multistereoscopic displays. All technologies are ready for licensing, and Realfiction is actively pursuing commercial licensing agreements and partnerships to pave the way to mass production. Realfiction's patent portfolio comprises 15 patent families with applications filed in multiple countries. Realfiction Holding AB's shares are publicly traded on Nasdaq Stockholm First North under the symbol "REALFI", with the share's ISIN code being SE0009920994.

Image Attachments

[DPT Key Component](#)

Attachments

[Realfiction presents its first DPT key component](#)