

Lhotse 65" Light Field 3D Display



MOPIC Lhotse is a solution that allows you to conveniently enjoy stereoscopic images without the need for 3D glasses or VR devices.

This product maintains consistent depth perception up to the edges of a 65-inch large screen, minimizing the crosstalk phenomenon where left and right images overlap on a 3D screen. Additionally, it provides smooth 3D viewing even in situations with a wide viewing range by detecting the viewer's eye movement in real time.

Furthermore, it offers basic software that is fully compatible with all types of 3D content, allowing users to easily enjoy a variety of 3D content.

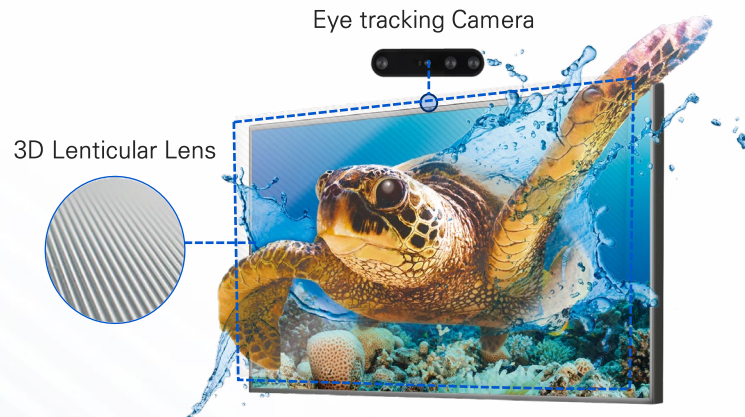
Key Features and Characteristics

- **Glasses-Free 3D Display:** Experience stereoscopic visuals without the need for 3D glasses or VR devices.
- **Crystal-Clear 3D Imagery without Crosstalk:** Enjoy sharp, vivid 3D images without any ghosting issues, overcoming traditional 3D technology challenges.
- **Consistent Stereoscopic Experience on Large Screens:** Ensure a consistent depth perception experience on large screens by minimizing crosstalk even up to the edges.
- **Eye-Tracking and Real-time Rendering:** Track the user's eye position at a rate of 90 times per second, optimizing stereoscopic image rendering for a flawless 3D experience.
- **API Support for Various Operating Systems:** MOPIC provides a 3D API compatible with various operating systems, facilitating easy integration into customer systems and enhancing overall usability.

Product Structure

The MOPIC Light Field 3D display combines precision lenticular-type 3D lenses with a flat display panel, enabling users to enjoy a stereoscopic viewing experience without wearing 3D glasses.

The camera attached at the top detects the user's eye position in real-time, tracking it at a rate of 90 times per second, and provides optimal stereoscopic images at that position.



Applications



MOPIC Lhotse captivates visitors and keeps them engaged until the end. At the 2023 and 2024 CES events, Lotte Calibers introduced the metaverse platform through MOPIC's display solution, attracting industry attention.



The fashion brand DEMOO utilized MOPIC Lhotse at Seoul Fashion Week to showcase its lookbook, providing attendees with a unique experience akin to witnessing a fashion show catwalk right before their eyes.

Extra Edge Suggestions



With MOPIC Light Field 3D display, you can experience an immersive sensation akin to touching a hologram.

MOPIC has integrated motion-sensing sensors into the 3D display, aligning the spatial coordinates for the protrusion position and touch of 3D objects, significantly enhancing touch accuracy. This technology is applicable not only in entertainment but also in various industries such as simulation and retail.