

Jorjin Technologies announcing new AR glasses, J-Reality

5G AR Industrial Inspection Application, 3D AR Culture Innovation Show Application



Taipei Shih / Taipei Hsien, Oct 29, 2020 ([Issuewire.com](http://www.Issuewire.com)) - [JORJIN J-Reality, AR Glasses Application](#)

Jorjin Technologies announcing J7EF, the latest of its J-Reality™ smartglasses series and world-first AR product built upon Epson's new high-performance Optical Engine. Jorjin Technologies, a Taiwan company that started working on Augmented Reality (AR) when the technology was still in its infancy, has spent the last 12 months developing J7EF, the latest member of its J-Reality™ smartglasses family. J7EF, the world's first AR product based on Epson's new Optical Engine, is now available in sample quantity and will be ready for volume shipment in December 2020.

[AR Glasses Interactive Show Application](#)

J -Reality AR Glasses 3D Interactive see-through Application

Thanks to Epson's Optical Engine, J7EF smartglasses users will enjoy a full HD resolution (1920×1080 pixels), with a 34 degrees FOV and a typical brightness of 1000cd/m2. They will feel like watching a 120-inch HD display positioned at 5 meters, with the added benefit of a breathtaking rendering of 3D content.

[J-Reality Smart City Application](#)

Chinese Painting Landscape 3D AR Interactive Application, displayed by J-Reality

J7EF smartglasses also feature an 8-Mega pixels front camera, a 9-axis Inertial Measurement Unit for motion detection, and an optional low-power Time-of-Flight sensor. Jorjin has also designed a companion small form-factor Controller Unit powered by Qualcomm® Snapdragon™ XR1, a leading processing platform optimized for AR/MR applications. J7EF can connect to the Controller Unit through a USB Type-C cable or, alternatively, directly to most high-end smartphones supporting Display Port over USB Type-C.

[AR Industrial Inspection Application](#)

Jorjin believes that there is no “one-size-fits-all” answer to the smartglasses market and that it is important to introduce products optimized for unique use cases. Jorjin is eager to capitalize on Epson AR Optical Engine and on its J7EF design experience to provide ODM/JDM services to Customers around the world who are interested in developing their own differentiated high-performance smart glasses.

Companies willing to market smartglasses fine-tuned for the needs of a specific ecosystem should get many benefits from Jorjin’s capability to provide fast spin-offs of our AR products”, says Tom Liang, Jorjin Technologies Chairman & Founder, “as it will enable them to enter the market they target without the burden of long development cycles. Notably, J7EF, world-first smartglasses leveraging Epson’s new Optical Engine and designed for smooth integration with Qualcomm® XR1 Platform, allows Jorjin to offer its clients a customizable Hardware and Software blueprint for a range of AR products fulfilling end-users requirements.”

About Jorjin Technologies: Jorjin Technologies, a Taiwan company founded in 1997, has been at the forefront of the development of AR Smartglasses for the past 6 years. Its diversified product line includes 3 different families, J-Supporter™, J-Reality™, and J-Slim™, each targeting different use cases and being adopted by domestic and international customers. The company is also providing ODM services to worldwide customers looking for a safe supplier of differentiated smartglasses answering specific needs.



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