

FOR IMMEDIATE RELEASE

## Innovusion and Wideye by AGC Collaborate to Launch Built-In Windshield LiDAR Solution

**April 19, 2023, Eschborn, GER / Sunnyvale, CA / Louvain-la-Neuve, BEL-** Innovusion, a global leader in the LiDAR industry, and Wideye, a corporate scale-up of the glass group AGC that provides glass solutions for optical sensor integration, have announced their intention to develop an innovative integrated LiDAR solution for vehicles. This collaboration aims to provide a practical and aesthetically pleasing installation of LiDAR systems behind the windshield, addressing the increasing demand for LiDAR integration as mass production accelerates.

The optimal installation location for LiDAR systems has been a topic of discussion in the industry. The solution proposed by Innovusion and Wideye involves integrating LiDAR and camera modules seamlessly behind the windshield, a high position that minimizes the impact on vehicle design, provides better protection against environmental factors, reduces the chance of damage, and benefits from existing cleaning solutions.

This joint solution highlights the technological strengths of both companies. On one hand, Wideye technology, which is a high-performance optical glass that is transparent to near-infrared rays, offers minimal absorption and the best transmittance rate in the industry, enabling reliable LiDAR performance while minimizing the impact of the windshield on signal degradation. On the other hand, Innovusion's Robin-E LiDAR product, which features cutting-edge electronic and optical technologies, addresses size, weight, power, and noise level concerns. With dimensions of 44 x 117 x 100 mm, a total weight of 450 grams, power consumption under 9W, and a noise level less than 20 dB(A), Robin-E provides a compact, lightweight, and high-performance solution for integration behind the windshield.

The collaboration between Innovusion and Wideye by AGC has already resulted in joint R&D efforts to integrate their latest technologies, and a preliminary plan has shown successful integration of LiDAR and camera systems behind the windshield, achieving a very low signal degradation rate. Innovusion is dedicated to the continued development of automotive-grade LiDAR hardware products for various scenarios and software solutions to maximize LiDAR effectiveness. The collaboration with Wideye by AGC aims to break down installation and usage barriers and contribute to the widespread adoption of LiDAR in vehicles and sustainable growth of the LiDAR industry.

The built-in LiDAR solution prototype is on display at the Shanghai International Automobile Industry Exhibition from April 18–27, 2023 in hall 6.1, booth #6A12.



**Caption: Built-In Windshield LiDAR / Prototype by Innovusion and Wideye by AGC**

## About Innovusion

Innovusion, founded in 2016 with R&D team in Silicon Valley, USA and Suzhou & Shanghai, China and high industrialized auto-grade manufacturing bases in Suzhou and Ningbo, is the world leading provider of image-grade LiDAR for safe autonomous driving and system solutions for safer mobility.

Innovusion provide a portfolio of dynamic LiDAR solutions to reshape communities with safe mobility with our leading technology. The automotive-grade product Falcon has been mass-produced and delivered as a standard configuration of the Aquila system for NIO ET7, ES7, and ET5 in 2022.

With the breakthrough LiDAR technology, Innovusion has also partnered globally with multiple OEMs, autonomous driving companies, many giants of smart transportation, highway, rail, and industrial automation.

For more information, please visit [www.innovusion.com](http://www.innovusion.com)

## About Wideye by AGC

Wideye® by AGC, a corporate scaleup focusing on autonomous vehicle ecosystems, was launched by Tokyo-based AGC Group, a world-leading supplier of flat, automotive and display glass, chemicals and other high-tech materials and components. Wideye is backed by AGC Automotive Europe, AGC Group's European automotive glass branch, which specializes in the production of glazing solutions for carmakers. Since its launch in 2016, Wideye has focused on enabling ADAS deployment and making fully autonomous vehicles a reality.

For more information, please visit : <https://wideye.vision> or <https://www.linkedin.com/company/wideye-by-agc>

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