

Wideye selected to supply key protective optical components for the “ibeoNEXT”.

Wideye® by AGC is very proud to announce it has been officially selected by Ibeo Automotive Systems GmbH to supply key protective optical components for the production of the “ibeoNEXT” LiDAR system. The “ibeoNEXT” has two variants, a 60° field of view for short range applications and a 11.2° field of view for long range applications. It is available worldwide to all manufacturers. The system will be integrated into a new Chinese SUV model which is scheduled to be launched by the end of 2022.

Wideye is the scale-up of the glass group AGC, focusing on advanced driver assistance systems (ADAS) as well as autonomous driving.

“Wideye has been able to develop a glass which meets the high optical performance requirements of a LiDAR sensor and the reliability needed in the automotive industry. Thanks to its high transmission in the near infra-red spectrum and excellent optical properties, the Wideye solution is enabling high performance for the “ibeoNEXT” with limited impact on range and precision” says Helmin Ramovic, Program Manager for the “ibeoNEXT” at Ibeo.

The certified automotive grade glass will also ensure good protection and durability of the system.

Additionally, Wideye will deliver not just the glass but a semi-finished product. The glass will be encapsulated to its frame and includes a leadframe, necessary to operate the heating function. The encapsulation is the perfect sealing solution for the system while the leadframe allows the system to remain functional in cold weather conditions.

“AGC, as global leader for automotive glazing solutions, has the duty to meet new demand from the automotive industry regarding the integration of ADAS systems. That is why we have developed the dedicated Wideye team to tackle these new challenges. As an integrator, we position ourselves at the crossing point between optical expertise and automotive requirements. This is how we are able to offer solutions to advanced LiDAR technology suppliers such as Ibeo” says Quentin Fraselle, Chief Executive Officer at Wideye.

Wideye and Ibeo will continue to collaborate on new LiDAR system development for other use cases or integration such as 120° and 32° field of view variants of the ibeoNEXT.



ibeoNEXT LiDAR

About Wideye

Totally focused on autonomous vehicle ecosystems, Wideye® by AGC is a corporate scale-up of the 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, specialized in production of glazing solutions for vehicle manufacturers.

Since 2016, Wideye's vision is to enable ADAS deployment and bring fully autonomous driving to reality.

Through comprehensive R&D and partnership with sensor companies, Wideye has established the know-how to manage 360° sensor integration from the early development stage up through mass production. Wideye targets its innovative services & products to sensor suppliers, automotive tier 1s and OEMs by closely working with them. Wideye uses its large ecosystem, to help its customers design, prototype, and industrialize the perfect integration solutions for their optical sensor modules such as LiDAR and CAMERA.

For more information go to: www.wideye.vision or join us on LinkedIn.

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About Ibeo

Ibeo Automotive Systems GmbH has established itself as a global technology leader for Lidar sensors (English acronym for Light Detection And Ranging) and the associated products and software tools. This technology is used as an assistance system in cars and in the field of autonomous driving.

Ibeo has set itself the goal of reinventing mobility by turning vehicles into cooperative partners, thus making road traffic even safer. In total, Ibeo employs more than 400 people at its sites in Hamburg, Eindhoven (Netherlands) and Detroit (USA).

Automotive supplier ZF Friedrichshafen AG has held a stake in Ibeo since 2016: initially via Zukunft Ventures GmbH, and since 2019 via ZF Automotive Germany GmbH, a wholly owned subsidiary of ZF. In 2018, Ibeo celebrated its 20th anniversary. In 2021, AAC Technologies became a shareholder in Ibeo.

For more information go to: <https://www.ibeo-as.com/en>