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PRESS RELEASE

KOITO MANUFACTURING CO., LTD.

KOITO and Blickfeld Explore Advanced Technologies for the Development of LiDAR that can be Fully Integrated into Headlamps

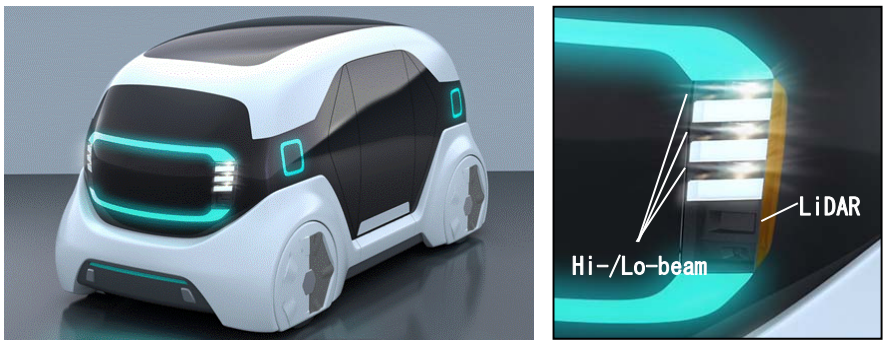
KOITO MANUFACTURING CO., LTD. (“KOITO”) (Head Office: Minato-ku, Tokyo; President: Hiroshi Mihara) and Blickfeld GmbH (“Blickfeld”) (Head Office: Munich, Germany), a provider of solid-state LiDAR technology, announce today that we will explore advanced technologies for the development of LiDAR that can be fully integrated into headlamps.

The KOITO Group strives to respond to future changes in mobility, such as connectivity, autonomous driving, sharing, and electric vehicles, and to develop cutting-edge technologies that stay ahead of customers and market needs, and commercialize products at the earliest opportunity. Moreover, KOITO will bring attractive products to market in a timely manner. As one of these strategies, the KOITO group has enforced its information and research structure globally, and started to develop LiDAR technology designed for headlamp integration in collaboration with Blickfeld.

The collaboration of KOITO’s lighting technologies and LiDAR technologies provides high-end automotive component with built in LiDAR for car manufacturers and are expected to function interactively with ADAS (Advanced Driver Assistance System) or autonomous driving technology.

As LiDAR’s core technology, Blickfeld’s 3D solid-state LiDAR adopts silicon MEMS mirror. As its compactness, the LiDAR can be integrated directly into a vehicle’s lighting equipment, enabling real-time 3D mapping and object detection, classification, and tracking without protruding or altering the exterior design of the vehicle.

KOITO is committed to further pursue the cutting-edge technologies and to develop “customer-first” products in order to enhance the safety and comfort of motorization society.



Concept Car with Built-in Sensor Lamp

LiDAR Unit
(under Development
by KOITO and Blickfeld)

(Ref.) about Blickfeld

Founded in 2017 and based in Munich, Germany, Blickfeld is a provider of cutting-edge LiDAR technology for autonomous mobility and IoT applications. The company has developed proprietary LiDAR technology based on patented silicon MEMS mirrors specifically designed for the LiDAR application. The Blickfeld LiDAR meets the highest performance requirements at the cost and size needed for mass production. Due to their range of configurable features, the Blickfeld LiDAR provides solutions for multiple use-cases.

For more information, please visit www.blickfeld.com