JABIL | OPTICS

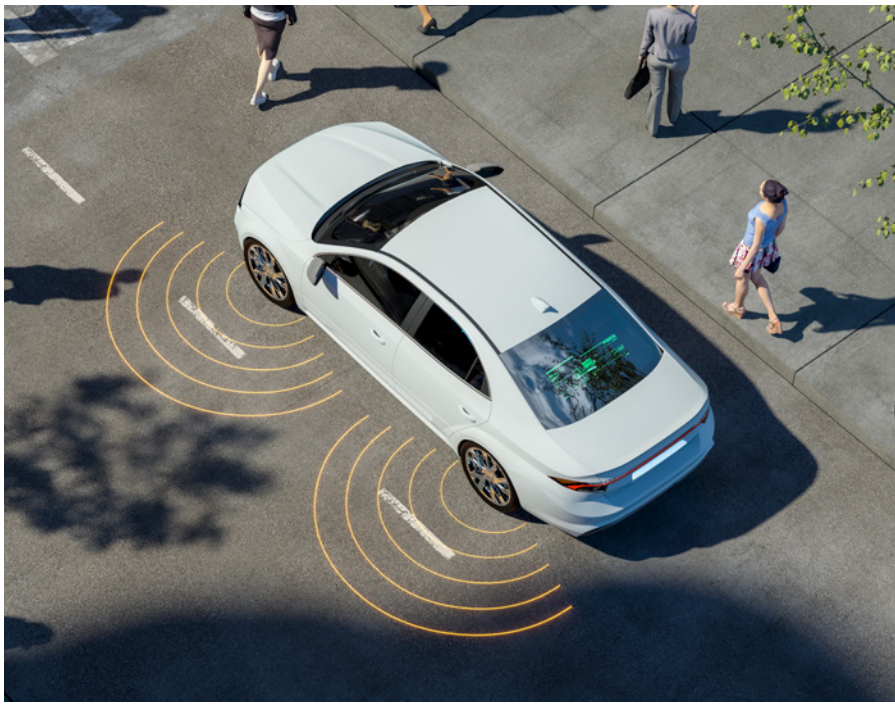
Holistic Solutions For Your LiDAR Systems

The Future Belongs to LiDAR

Jabil Optics enables the effective design, development, testing and active alignment of advanced LiDAR solutions for autonomous driving technologies as well as robotics, industrial automation, unmanned aerial vehicles (UAV) and smart infrastructure.

We are the only provider in the market offering everything needed for an innovative LiDAR system from a single, inhouse source. We customize prototypes according to your requirements and industrialize and transfer them to a suitable Jabil mass production site.

Jabil Optics develops the highest performance and compact LiDAR solutions on the market. Be confident that you have a proven LiDAR technology partner working behind the scenes to provide support whenever needed.



Key Highlights

OUR EXPERIENCE

- Complete Industrialization of Automotive LiDAR
- Considerable Experience with MEMS based Solid-State LiDAR
- Support of Complete Product Design Cycle from Prototype to Mass Production
- Proven Experience in Miniaturized MEMS Optics
- Omnidirectional Solid-State Sensor Design

OUR DESIGN KNOW-HOW

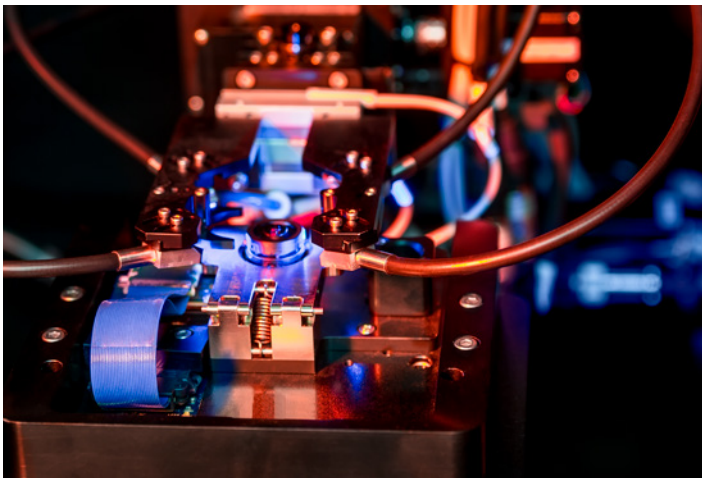
- Resolution, Sensitivity and Field of View Improvement
- Optical Integration
- Beam Steering
- Laser Collimation
- Active Alignment
- Form Factor Miniaturization
- Parasitic Pulse and Sunlight Influence Reduction
- Eye Safety

For additional information, visit jabil.com/optics

Using Active Alignment for LiDAR

In order to achieve high-resolution 3D scanning, the opto-electronics collectively forming the LiDAR system require high accuracy positioning to control beam collimation and pointing. This is achieved by using active alignment.

Kasalis, a technology division of Jabil Optics, offers the most accurate active alignment assembly systems on the market. The systems can assemble and align solid state or mechanical LiDAR optical devices that are the most precise in the industry and can be customized to specific manufacturing needs. For more information on Kasalis visit **kasalis.com**.



Design

Optical, Mechanical and Electronic Parts Design and Verification

- World Class Optical Design to Support High Resolution 3D Long Distance Object Detection, Classification and Tracking
- Complete System Engineering
- Design for Low- or High- Volume Manufacturing
- Design to Cost

Develop

Process Development & Validation to Assemble Designed Parts

- Advanced Process Solutions
- Optical Material and Component Selection
- Customized Adhesive Solutions Equipment
- Guidance and Selection

Deploy

Lean Six Sigma-Based Manufacturing of Designed and Developed Solutions

- Design and Procurement of Optical Lens Assemblies and Sub-Assemblies
- New Product Introduction
- IATF 16949 Compliant
- Mass Production
- Final Goods Assembly
- Calibration and Test

For additional information, visit jabil.com/lidar
or email jabil_optics@jabil.com

About Jabil

Jabil (NYSE: JBL) is a manufacturing solutions provider with more than 250,000 employees at over 100 facilities in 28 countries. The world's leading brands rely on Jabil's unmatched breadth and depth of end-market experience, technical and design capabilities, manufacturing knowhow, supply chain insights and global product management expertise. Driven by a common purpose, Jabil and its people are committed to making a positive impact on their local community and the environment.

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