Jabil Optics provides automotive imaging solutions, enabling **ADVANCED DRIVER ASSISTANCE SYSTEMS (ADAS), SURROUND VIEW, AND DRIVER MONITORING** applications. We offer advanced design, manufacturing, service, support, and an unparalleled global supply chain. Our sophisticated automotive imaging solutions enhance customer products through superior optical performance.

**ADVANCED SAFETY FEATURES**

High dynamic range video solutions for automotive viewing applications:

- Forward Collision Warning (FCW)
- Lane Departure Warning (LDW)
- Lane Keeping Assist and Centering (LKA/LC)
- Traffic Sign Recognition (TSR)
- Intelligent Headlight Control (IHC)
- Automatic Emergency Braking (AEB)
- Traffic Jam Assist (TJA)
- Pedestrian Collision Warning (PCW)
- Electronic Mirror Replacement (Blind Spot Monitoring)
SUPERIOR CAMERA PERFORMANCE
- Best image quality through Active Alignment technology
- 1.2 – 8.3 megapixel resolution
- Advanced image sensor options:
  - Electronic rolling shutter
  - Global shutter
  - LED flicker mitigation
  - Back side illumination
  - Glass optics for high resolution
- Camera modules are assembled, focused and tested in a fully automated process for high yield, superior quality production

INTEGRATION-READY SOLUTIONS
- Sensor: ON Semiconductor, Omni-Vision
- ISP: ON Semiconductor
- Lens: Sunny, LCE, Evetar (options available for custom lens)
- Serializer board: Texas Instruments and Maxim
- Data Link: FPD-LINK III, GSML 1, GMSL 2

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>SENSORS</th>
<th>ISP</th>
<th>SERIALIZER</th>
<th>LENS (FOV D/H/V)</th>
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<td>LCE032 (100°/100°/41.6°)</td>
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<td>AR0233</td>
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<td></td>
<td>Evetar (126°/93°/67°)</td>
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ENABLING LIDAR
Our computational camera assemblies are designed to encode visual information for next-generation applications, such as LiDAR for laser depth sensing, to create a powerful integrated optical system. Our goal is to stay one step ahead of the burgeoning self-driving vehicle market and provide outstanding technology.

COMING SOON: THE 8.3 MEGAPIXEL ADAS CAMERA
This next generation forward-facing, 8.3 megapixel automotive camera will be exceptional for its image quality, clarity, and ability to drive us closer to the exciting world of autonomous driving. It will be a signature ADAS camera for the next generation of high performance vehicles, offering the most advanced safety and driver assistance features.