

Autosense In-Cabin Sensing Technology To Meet Rising Demand: Key Trend Automotive Camera Market 2025

*The Business Research Company's
Automotive Camera Global Market
Report 2025 – Market Size, Trends, And
Global Forecast 2025-2034*

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The rapidly expanding automotive camera market is poised for further growth, increasing from \$9.9 billion in 2024 to \$11.07 billion in 2025, translating to a compound annual growth rate CAGR

of 11.8%. This remarkable growth in the automotive camera market size can be attributed to the growing emphasis on vehicle safety, rising adoption of advanced driver assistance systems ADAS, increasing regulatory requirements for rearview and surround-view cameras, integration of cameras in autonomous vehicle development, and the growing demand for parking assistance systems and collision avoidance.



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What Does The Future Hold For The Overhead Cranes
Market?

Over the next few years, the automotive camera market is expected to grow at a brisk pace, reaching \$17.53 billion in 2029 at a compound annual growth rate CAGR of 12.2%. The accelerated forecast period growth will be driven by expansion of the connected car ecosystem, increasing use of cameras in commercial vehicles for fleet management, growing demand for shared mobility, and the surging need for advanced safety features. Key market trends align with the integration of artificial intelligence AI and machine learning into automotive systems, development of high-resolution, low-light performance cameras, and a strategic collaboration between automakers and technology providers to create innovative camera solutions.

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What Elements Are Driving This Rapid Growth?

An escalation in the number of road fatalities is expected to fuel the future growth of the automotive camera market. The vehicle camera systems, equipped with an accelerometer, g-sensor, GPS tracking, and motion detection capabilities, allow for quick identification of a variety of safety-related incidents, such as sharp braking or turning, and crashes. Notably, the system prioritizes early footage viewing by immediately uploading footage from both before and after the incident. For example, a report published by the UK-based non-profit organization Road Safety Wales 2024 stated that in 2023, police forces in Wales reported 4,348 road casualties, marking a 2% increase compared to 2022.

Which Companies Are [Leading The Automotive Camera Market](#)?

Major players in the automotive camera market include Continental Automotive GmbH, Robert Bosch GmbH Mobility Solutions, Valeo SA, Aptiv PLC, Magna International Inc., Mobileye NV, OmniVision Technologies Inc., ZF Friedrichshafen AG, Denso Corporation, Hella GmbH & Co KGaA, Ficosa International SA, Basler AG, Autoliv Inc., and many more. These industry leaders have been instrumental in shaping the growth trends in the sector.

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What Are The Industry Trends To Keep An Eye On?

Market leaders are focusing on creating new technological solutions to enhance image quality and performance under various driving conditions. This includes the development of hot-pluggable GMSL automotive HDR cameras that can improve ease of installation and system integration. e-Con Systems, a US-based OEM camera solution provider, launched the world's first hot-pluggable GMSL automotive HDR camera, the STURDeCAM34, in October 2024, which offers seamless connection and disconnection without system downtime.

How Is The [Automotive Camera Market Segmented](#)?

The automotive camera market is classified by vehicle type into Passenger Vehicle, Light Commercial Vehicle, and Heavy Commercial Vehicle. It is further distinguished by view type into Single View System and Multi Camera System, divided by technology into Digital Cameras, Infrared Cameras, and Thermal Cameras, and finally categorized by application into Park Assist and Advanced Driver-Assistance Systems.

What Regional Insights Do We Have Into This Automotive Camera Market?

With regional insights concerning the automotive camera market, Asia-Pacific was the largest and fastest rising region in 2024. Further regions covered in the automotive camera market

report include Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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