

United Kingdom Automotive Camera Market Report and Forecast 2024-2032

Market Report | 2024-07-18 | 185 pages | EMR Inc.

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Report description:

United Kingdom Automotive Camera Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), the United Kingdom automotive camera market size, aided by the rising popularity of electric and autonomous vehicles, is projected to grow at a CAGR of 11.30% between 2024 and 2032.

Automotive cameras are specialised video recording devices integrated into vehicles to enhance visibility, record the driving environment, and provide data inputs for advanced driver-assistance systems (ADAS). These cameras are crucial for various functions, including backup viewing, parking assistance, blind-spot viewing, and capturing footage of incidents for insurance and safety purposes.

As technology has advanced, automotive cameras have become more sophisticated, now often including features like high-resolution imaging, night vision capabilities, and integration with other vehicle sensors to support features such as adaptive cruise control, lane departure warnings, and collision avoidance systems.

The United Kingdom automotive camera market is experiencing significant growth, driven by several key trends. One of the most impactful is the increased focus on vehicle safety and the corresponding regulatory mandates that encourage or require the installation of advanced safety systems in vehicles. For instance, the European Union regulations, which also affect the UK market, are increasingly favouring the adoption of technologies that enhance road safety. This regulatory push is driving the proliferation of automotive cameras as standard features in new vehicles.

Another United Kingdom automotive camera market trend is the rising popularity of electric and autonomous vehicles in the UK. These vehicles rely heavily on an array of sensors and cameras to navigate and operate safely without human intervention. Automotive cameras are integral to these systems, providing critical visual data that helps these vehicles detect and understand their surroundings. The expansion of the electric and autonomous vehicle market is, therefore, a significant driver for the automotive camera industry, with manufacturers innovating to offer products tailored to these advanced vehicle technologies. Consumer demand for connected and technologically equipped vehicles is also shaping the United Kingdom automotive camera market dynamics. Modern consumers in the UK are showing a strong preference for vehicles equipped with advanced connectivity and safety features, including dash cams and ADAS linked with automotive cameras. This trend is being bolstered by the younger demographics who value technology as an essential component of their vehicle's features, pushing automakers to integrate more

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advanced camera-based systems to attract tech-savvy buyers.

Furthermore, the integration of automotive cameras with telematics and fleet management solutions is a growing trend in the commercial vehicle market. Cameras are being used not only for safety and compliance but also for monitoring driver behaviour, optimising routes, and enhancing fleet efficiency. This is particularly relevant in the UK, where many businesses rely on transportation and logistics services, making efficiency and safety improvements crucial for operational success.

The development of high-definition and 3D cameras is another trend that is gaining traction aiding the United Kingdom automotive camera market expansion. As image quality becomes a critical factor for the functionality of ADAS and other safety features, the demand for high-definition cameras is increasing. These cameras provide clearer images and better performance under various lighting conditions, which is vital for the effectiveness of the safety features they support. Moreover, 3D cameras, which offer depth perception capabilities, are beginning to play a crucial role in enhancing object detection and classification, crucial for autonomous driving technologies.

However, the United Kingdom automotive camera market faces challenges, including high costs associated with advanced camera technologies and concerns over data privacy and security. The integration of cameras in vehicles raises significant data privacy issues, with concerns about how video recordings and data are stored and used. Addressing these challenges is critical for market players to gain consumer trust and comply with strict data protection regulations.

Market Segmentation

The United Kingdom automotive camera market can be divided based on type, technology, vehicle type, application, and sales channel.

Market Breakup by Type

- Viewing Camera
- Sensing Camera

Market Breakup by Technology

- Digital Camera
- Infrared
- Thermal

Market Breakup by Vehicle Type

- Passenger Vehicles
- Commercial Vehicles

Market Breakup by Application

- ADAS
- Parking Assist
- Others

Market Breakup by Sales Channel

- Original Equipment Manufacturer (OEM)
- Aftermarket

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the United Kingdom automotive camera market. Some of the major players explored in the report by Expert Market Research are as follows:

- Continental AG
- Robert Bosch GmbH
- HELLA GmbH & Co. KGaA
- Denso Corporation
- Magna International Inc.
- VALEO Group
- Panasonic Corporation
- ZF Friedrichshafen AG

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-[]Brigade Electronics Group Plc

-[]Others

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Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
 - 3.1 Market Definition and Outlook
 - 3.2 Properties and Applications
 - 3.3 Market Analysis
 - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
 - 5.1 Overview
 - 5.2 Key Drivers
 - 5.3 Key Developments
 - 5.4 Competitive Structure
 - 5.5 Key Industrial Trends
- 6 Market Snapshot
- 7 Opportunities and Challenges in the Market
- 8 Global Automotive Camera Market Overview
 - 8.1 Key Industry Highlights
 - 8.2 Global Automotive Camera Historical Market (2018-2023)
 - 8.3 Global Automotive Camera Market Forecast (2024-2032)
 - 8.4 Global Automotive Camera Market Share by Region
 - 8.4.1 North America
 - 8.4.2 Europe
 - 8.4.3 Asia Pacific
 - 8.4.4 Latin America
 - 8.4.5 Middle East and Africa
- 9 United Kingdom Automotive Camera Market Overview
 - 9.1 Key Industry Highlights
 - 9.2 United Kingdom Automotive Camera Historical Market (2018-2023)
 - 9.3 United Kingdom Automotive Camera Market Forecast (2024-2032)
- 10 United Kingdom Automotive Camera Market by Type
 - 10.1 Viewing Camera

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- 10.1.1 Historical Trend (2018-2023)
 - 10.1.2 Forecast Trend (2024-2032)
- 10.2 Sensing Camera
 - 10.2.1 Historical Trend (2018-2023)
 - 10.2.2 Forecast Trend (2024-2032)
- 11 United Kingdom Automotive Camera Market by Technology
 - 11.1 Digital Camera
 - 11.1.1 Historical Trend (2018-2023)
 - 11.1.2 Forecast Trend (2024-2032)
 - 11.2 Infrared
 - 11.2.1 Historical Trend (2018-2023)
 - 11.2.2 Forecast Trend (2024-2032)
 - 11.3 Thermal
 - 11.3.1 Historical Trend (2018-2023)
 - 11.3.2 Forecast Trend (2024-2032)
- 12 United Kingdom Automotive Camera Market by Vehicle Type
 - 12.1 Passenger Vehicles
 - 12.1.1 Historical Trend (2018-2023)
 - 12.1.2 Forecast Trend (2024-2032)
 - 12.2 Commercial Vehicles
 - 12.2.1 Historical Trend (2018-2023)
 - 12.2.2 Forecast Trend (2024-2032)
- 13 United Kingdom Automotive Camera Market by Application
 - 13.1 ADAS
 - 13.1.1 Historical Trend (2018-2023)
 - 13.1.2 Forecast Trend (2024-2032)
 - 13.2 Parking Assist
 - 13.2.1 Historical Trend (2018-2023)
 - 13.2.2 Forecast Trend (2024-2032)
 - 13.3 Others
- 14 United Kingdom Automotive Camera Market by Sales Channel
 - 14.1 Original Equipment Manufacturer (OEM)
 - 14.1.1 Historical Trend (2018-2023)
 - 14.1.2 Forecast Trend (2024-2032)
 - 14.2 Aftermarket
 - 14.2.1 Historical Trend (2018-2023)
 - 14.2.2 Forecast Trend (2024-2032)
- 15 Market Dynamics
 - 15.1 SWOT Analysis
 - 15.1.1 Strengths
 - 15.1.2 Weaknesses
 - 15.1.3 Opportunities
 - 15.1.4 Threats
 - 15.2 Porter's Five Forces Analysis
 - 15.2.1 Supplier's Power
 - 15.2.2 Buyer's Power
 - 15.2.3 Threat of New Entrants

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- 15.2.4 Degree of Rivalry
- 15.2.5 Threat of Substitutes
- 15.3 Key Indicators for Demand
- 15.4 Key Indicators for Price
- 16 Competitive Landscape
 - 16.1 Market Structure
 - 16.2 Company Profiles
 - 16.2.1 Continental AG
 - 16.2.1.1 Company Overview
 - 16.2.1.2 Product Portfolio
 - 16.2.1.3 Demographic Reach and Achievements
 - 16.2.1.4 Certifications
 - 16.2.2 Robert Bosch GmbH
 - 16.2.2.1 Company Overview
 - 16.2.2.2 Product Portfolio
 - 16.2.2.3 Demographic Reach and Achievements
 - 16.2.2.4 Certifications
 - 16.2.3 HELLA GmbH & Co. KGaA
 - 16.2.3.1 Company Overview
 - 16.2.3.2 Product Portfolio
 - 16.2.3.3 Demographic Reach and Achievements
 - 16.2.3.4 Certifications
 - 16.2.4 Denso Corporation
 - 16.2.4.1 Company Overview
 - 16.2.4.2 Product Portfolio
 - 16.2.4.3 Demographic Reach and Achievements
 - 16.2.4.4 Certifications
 - 16.2.5 Magna International Inc.
 - 16.2.5.1 Company Overview
 - 16.2.5.2 Product Portfolio
 - 16.2.5.3 Demographic Reach and Achievements
 - 16.2.5.4 Certifications
 - 16.2.6 VALEO Group
 - 16.2.6.1 Company Overview
 - 16.2.6.2 Product Portfolio
 - 16.2.6.3 Demographic Reach and Achievements
 - 16.2.6.4 Certifications
 - 16.2.7 Panasonic Corporation
 - 16.2.7.1 Company Overview
 - 16.2.7.2 Product Portfolio
 - 16.2.7.3 Demographic Reach and Achievements
 - 16.2.7.4 Certifications
 - 16.2.8 ZF Friedrichshafen AG
 - 16.2.8.1 Company Overview
 - 16.2.8.2 Product Portfolio
 - 16.2.8.3 Demographic Reach and Achievements
 - 16.2.8.4 Certifications

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- 16.2.9 Brigade Electronics Group Plc
 - 16.2.9.1 Company Overview
 - 16.2.9.2 Product Portfolio
 - 16.2.9.3 Demographic Reach and Achievements
 - 16.2.9.4 Certifications
- 16.2.10 Others

17 Key Trends and Developments in the Market

List of Key Figures and Tables

1. Global Automotive Camera Market: Key Industry Highlights, 2018 and 2032
2. United Kingdom Automotive Camera Market: Key Industry Highlights, 2018 and 2032
3. United Kingdom Automotive Camera Historical Market: Breakup by Type (USD Million), 2018-2023
4. United Kingdom Automotive Camera Market Forecast: Breakup by Type (USD Million), 2024-2032
5. United Kingdom Automotive Camera Historical Market: Breakup by Technology (USD Million), 2018-2023
6. United Kingdom Automotive Camera Market Forecast: Breakup by Technology (USD Million), 2024-2032
7. United Kingdom Automotive Camera Historical Market: Breakup by Vehicle Type (USD Million), 2018-2023
8. United Kingdom Automotive Camera Market Forecast: Breakup by Vehicle Type (USD Million), 2024-2032
9. United Kingdom Automotive Camera Historical Market: Breakup by Application (USD Million), 2018-2023
10. United Kingdom Automotive Camera Market Forecast: Breakup by Application (USD Million), 2024-2032
11. United Kingdom Automotive Camera Historical Market: Breakup by Sales Channel (USD Million), 2018-2023
12. United Kingdom Automotive Camera Market Forecast: Breakup by Sales Channel (USD Million), 2024-2032
13. United Kingdom Automotive Camera Market Structure

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