

# **Automotive Brake System Market Size, Trends, Analysis, and Outlook by Brake (Disc Brake, Drum Brake), Technology (Anti-lock braking system (ABS), Electronic Stability Control (ESC), Traction Control System (TSC), Electronic Brakeforce Distribution (EBD), Automatic Emergency Braking (AEB)), Actuation, Hydraulic, Pneumatic), Component (Master Cylinders, Brake Pads, Brake Shoes, Brake Calipers, Brake Disc Rotors), Vehicle (Passenger Cars, Light Commercial Vehicles (LCVs), Trucks, Buses), by Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Automotive Dashboard Camera market size is poised to register 10.85% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Automotive Dashboard Camera market by Product (Single Channel, Dual Channel), Component (Lens, Battery, Gravity Sensor, Microphone, GPS, Others), Quality (Standard Definition (SD), High Definition (HD), Full High Definition (Full HD), Ultra-High Definition (4K)), Vehicle (Passenger Vehicle, Light Commercial Vehicle, Heavy Commercial Vehicle).

The Automotive Dashboard Camera Market is poised for significant transformation until 2030, driven by several prominent trends and drivers. With a growing emphasis on road safety and accident prevention, there's a rising demand for dashboard cameras equipped with advanced features such as collision detection, lane departure warnings, and night vision capabilities. This surge in demand is further fueled by insurance companies offering incentives for drivers who install dashboard cameras to monitor their

driving behavior and provide evidence in case of accidents. Further, the integration of artificial intelligence and machine learning algorithms into dashboard camera systems is anticipated to enable enhanced functionality, including real-time analysis of road conditions and predictive maintenance alerts. In addition, as autonomous vehicle technology advances and connected car ecosystems evolve, dashboard cameras are expected to play a crucial role in providing data for vehicle-to-vehicle communication and enhancing situational awareness of autonomous driving systems. Furthermore, the proliferation of ride-hailing services and shared mobility platforms is driving the adoption of dashboard cameras for fleet management and passenger safety monitoring. .

### Automotive Dashboard Camera Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Automotive Dashboard Camera market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Automotive Dashboard Camera survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Automotive Dashboard Camera industry.

### Key market trends defining the global Automotive Dashboard Camera demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Automotive Dashboard Camera Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Automotive Dashboard Camera industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Automotive Dashboard Camera companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Automotive Dashboard Camera industry

Leading Automotive Dashboard Camera companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Automotive Dashboard Camera companies.

#### Automotive Dashboard Camera Market Study- Strategic Analysis Review

The Automotive Dashboard Camera market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions- Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

#### Automotive Dashboard Camera Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Automotive Dashboard Camera industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

#### Automotive Dashboard Camera Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

#### North America Automotive Dashboard Camera Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user

industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Automotive Dashboard Camera market segments. Similarly, Strong end-user demand is encouraging Canadian Automotive Dashboard Camera companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Automotive Dashboard Camera market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe Automotive Dashboard Camera Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities**

The German industry remains the major market for companies in the European Automotive Dashboard Camera industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Automotive Dashboard Camera market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

**Asia Pacific Automotive Dashboard Camera Market Size Outlook- an attractive hub for opportunities for both local and global companies**

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Automotive Dashboard Camera in Asia Pacific. In particular, China, India, and South East Asian Automotive Dashboard Camera markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

**Latin America Automotive Dashboard Camera Market Size Outlook- Continued urbanization and rising income levels**

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued

urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Automotive Dashboard Camera Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Automotive Dashboard Camera market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Automotive Dashboard Camera.

#### Automotive Dashboard Camera Market Company Profiles

The global Automotive Dashboard Camera market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are ABEO Technology Co. Ltd, Anker Technology UK Ltd, Apeman International Co. Ltd, AUKEY Inc, Cedar Electronics Holdings LLC, DOD Tech, Garmin Ltd, Harman International Industries Inc, HP Inc, JVCKENWOOD Corp, MiTAC Holdings Corp, Nexar Ltd, Nextbase, Panasonic Holdings Corp, PAPAGO Inc.

#### Recent Automotive Dashboard Camera Market Developments

The global Automotive Dashboard Camera market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

#### Automotive Dashboard Camera Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

## Case Scenarios- Low, Base, High

### Market Segmentation:

Product

Single Channel

Dual Channel

Component

Lens

Battery

Gravity Sensor

Microphone

GPS

Others

Quality

Standard Definition (SD)

High Definition (HD)

Full High Definition (Full HD)

Ultra-High Definition (4K)

Vehicle

Passenger Vehicle

Light Commercial Vehicle

Heavy Commercial Vehicle

### Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

### Companies

ABEO Technology Co. Ltd

Anker Technology UK Ltd

Apeman International Co. Ltd

AUKEY Inc

Cedar Electronics Holdings LLC

DOD Tech

Garmin Ltd

Harman International Industries Inc

HP Inc

JVCKENWOOD Corp

MiTAC Holdings Corp

Nexar Ltd

Nextbase

Panasonic Holdings Corp

PAPAGO Inc.

Formats Available: Excel, PDF, and PPT



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Technology

Anti-lock braking system (ABS)

Electronic Stability Control (ESC)

Traction Control System (TSC)

Electronic Brakeforce Distribution (EBD)

Automatic Emergency Braking (AEB)

Actuation

Hydraulic

Pneumatic

Component

Master Cylinders

Brake Pads

Brake Shoes

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Vehicle

Passenger Cars

Light Commercial Vehicles (LCVs)

Trucks

Buses

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Advics Co. Ltd

AISIN CORP

Akebono Brake Industry Co. Ltd

Brembo S.p.A

Haldex AB

Hitachi Astemo Ltd

Nissin Kogyo Co. Ltd

Robert Bosch GmbH

The Webco Company

ZF Friedrichshafen AG

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