

Automotive Camera Market Size, Trends, Analysis, and Outlook by Type (Front View camera, Rear view camera, Surround view camera), Vehicle (Passenger cars, Light Commercial Vehicle, Heavy Commercial Vehicle), EV Vehicle (Battery Electric Vehicle, Plug-in Electric Vehicle, Fuel Cell Electric Vehicle), Technology (Digital, Infrared, Thermal), by Country, Segment, and Companies, 2024-2030

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Abstracts

The global Automotive Brake System market size is poised to register 5.74% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Automotive Brake System market 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).

The Automotive Brake System Market is poised for profound evolution until 2030, driven by several key trends and drivers. With an increasing focus on vehicle safety, performance, and sustainability, there's a growing demand for advanced brake systems that offer improved stopping power, efficiency, and reduced environmental impact. This demand is further fueled by regulatory mandates worldwide, pushing for the adoption of advanced braking technologies to enhance vehicle safety standards. In addition, as the automotive industry continues to embrace electrification and autonomous driving, there's a shift toward brake-by-wire systems and regenerative braking technology to

optimize energy efficiency and support autonomous driving functions. Further, the rise of electric and hybrid vehicles is driving innovation in brake system materials and designs to accommodate the unique requirements of these powertrains while ensuring reliable performance and longevity. Furthermore, the integration of smart sensors, artificial intelligence, and connectivity features in brake systems is anticipated to enable predictive maintenance, real-time monitoring, and adaptive braking control, enhancing .

Automotive Brake System 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 Brake System market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Automotive Brake System 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 Brake System industry.

Key market trends defining the global Automotive Brake System 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 Brake System Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Automotive Brake System 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 Brake System companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Automotive Brake System industry
Leading Automotive Brake System 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 Brake System companies.

Automotive Brake System Market Study- Strategic Analysis Review

The Automotive Brake System 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 Brake System Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Automotive Brake System 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 Brake System 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 Brake System 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 Brake System market segments. Similarly, Strong end-user demand is encouraging Canadian Automotive Brake System companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico

Automotive Brake System market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Automotive Brake System 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 Brake System 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 Brake System 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 Brake System 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 Brake System in Asia Pacific. In particular, China, India, and South East Asian Automotive Brake System 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 Brake System 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 Brake System 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 Brake

System market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Automotive Brake System.

Automotive Brake System Market Company Profiles

The global Automotive Brake System 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 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.

Recent Automotive Brake System Market Developments

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

Automotive Brake System 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:

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

Geographical Segmentation:
North America (3 markets)
Europe (6 markets)
Asia Pacific (6 markets)
Latin America (3 markets)
Middle East Africa (5 markets)

Companies
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.
Formats Available: Excel, PDF, and PPT

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 - Rear view camera
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Vehicle

Passenger cars

Light Commercial Vehicle

Heavy Commercial Vehicle

EV Vehicle

Battery Electric Vehicle

Plug-in Electric Vehicle

Fuel Cell Electric Vehicle

Technology

Digital

Infrared

Thermal

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- Mobileye N.V.
- Robert Bosch GmbH
- Valeo S.A.
- Veoneer Inc
- ZF Friedrichshafen AG

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