

Global Automotive Instrument Cluster Market Size study & Forecast, by Technology (Analog, Digital, Hybrid), by Vehicle Type (Passenger Car, Commercial Vehicle) and Regional Analysis, 2023-2030

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Abstracts

Global Automotive Instrument Cluster Market is valued at approximately USD 9497.41 million in 2022 and is anticipated to grow with a healthy growth rate of more than 3% over the forecast period 2023-2030. An automotive instrument cluster, also known as a dashboard or gauge cluster, is a collection of instruments and displays located on the vehicle's dashboard, directly in front of the driver. It provides essential information about the vehicle's status, performance, and various other parameters to the driver. The Automotive Instrument Cluster market is expanding because of factors such as a surge in demand for electric vehicles and the growing adoption of advanced driver assistance systems. The instrument cluster typically consists of analog or digital gauges, indicators, warning lights, and a central display screen. Its importance has progressively increased during the forecast period 2023-2030.

The instrument cluster provides real-time data on the battery's state of charge and remaining range, essential for EV drivers to plan their journeys and manage charging effectively. According to Statista, the global electric vehicle industry is projected to reach up to USD 1.4 trillion by 2027 at a significant compound annual growth rate of more than 19.19 % between the years 2022 and 2027. Furthermore, battery-electric car sales reached 7.3 million in 2022, up from 4.6 million in 2021. Another important factor that drives the Automotive Instrument Cluster market is the increasing adoption of the Advanced Driver Assistance System. ADAS features utilize the instrument cluster to display relevant information and alerts to the driver. The instrument cluster acts as a visual interface to convey real-time data and warnings generated by the ADAS. In addition, as per Statista, the advanced driving assistance systems sector generated

USD 27.29 billion worldwide in 2020. By 2028, the global ADAS industry is expected to expand to almost USD 58.59 billion. Moreover, the rising adoption of new and advanced display systems and rising technological advancements in the Automotive Instrument Cluster are anticipated to create lucrative growth opportunities for the market over the forecast period. However, high maintenance costs and risks of cyberattacks on digital services stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Automotive Instrument Cluster Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the increasing demand for passenger and commercial vehicles in the region. Furthermore, Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as increasing adoption of advanced technologies and development in the automotive industry and the growing presence of key market players in the region.

Major market player included in this report are:

Continental AG (Germany)

Mentor Graphics Corporation (U.S)

Visteon Corporation (U.S)

Delphi Technologies LLC (U.S)

Qualcomm Incorporated (U.S)

Robert Bosch GmbH (Germany)

Denso Corporation (Japan)

Alpine Electronics, Inc. (Japan)

Japan Display Inc. (Japan)

Innolux Corporation (Taiwan)

Recent Developments in the Market:

Global Automotive Instrument Cluster Market Size study & Forecast, by Technology (Analog, Digital, Hybrid), by...

In January 2023, Visteon and Qualcomm Technologies collaborate for the development of a high-performance cockpit domain controller that allows global automakers to build next-generation cockpits. The SmartCore platform is also fully upgradeable over the air and has an integrated, white-labeled app store with curated apps to provide a highly personalised and regionalized experience for drivers worldwide. With new models using four or more cameras outdoors and up to two cameras within the cabin, SmartCore adds advanced vision processing capabilities to provide surround vision, driver monitoring, and remote surveillance via a smartphone app.

Global Automotive Instrument Cluster Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Technology, Vehicle Type, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it

also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology

Analog

Digital

Hybrid

By Vehicle Type

Passenger car

Commercial vehicle

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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