

Global Side View Camera System Market Size Study & Forecast, By Camera Type (Single Camera System, Multi Camera System) By Component (Camera, ECU, Display) By Vehicle Type (Passenger Vehicle, Commercial Vehicle) and Regional Analysis, 2023-2030

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Abstracts

Global Side View Camera System Market is valued at approximately USD xx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xx% over the forecast period 2023-2030. Side View Camera System refers to a setup in vehicles where cameras are installed on the sides of the vehicle, typically near the exterior mirrors or on the sides of the vehicle body. These cameras capture real-time video footage of the surroundings adjacent to the vehicle, providing the driver with enhanced visibility of blind spots and areas that may not be easily seen through traditional rearview or side mirrors. The Side View Camera System market is expanding because of factors such as the rising number of road accidents and increasing interest in autonomous vehicles. Side View Camera System are increasingly being incorporated into modern vehicles as part of advanced driver assistance systems (ADAS) to enhance overall safety and reduce the risk of accidents caused by blind spots. As a result, the demand for Side View Camera System has progressively increased in the global market during the forecast period 2023-2030.

Road accidents often occur when drivers fail to see obstacles or vehicles in their blind spots. Side view camera system can help mitigate this risk by providing real-time video feeds of adjacent lanes, allowing drivers to make safer lane changes and maneuvers. According to the World Health Organization, road traffic injuries claim the lives of a significant number of children and young adults, emerging as the primary cause of

death for individuals aged 5-29 years. Each year, approximately 1.3 million people lose their lives due to road traffic crashes. Furthermore, Side view camera system provides drivers with a comprehensive view of their surroundings, including blind spots. This enhanced visibility can help drivers detect pedestrians, cyclists, or other vehicles, thus reducing the likelihood of accidents caused by obscured vision. Another important factor that drives the Side View Camera System market is the increasing interest in autonomous vehicles. Side-view cameras can seamlessly integrate with autonomous driving systems to provide real-time data about the vehicle's surroundings. This integration enhances the vehicle's ability to make informed decisions such as lane changes, merging into traffic, and navigating complex road conditions. In addition, as per Statista, in 2022, the global market for autonomous vehicles accounts for 17,000 units, and the market is expected to grow to approximately 127,000 units by the year 2030. Moreover, the growing adoption of driver assistance systems in luxury cars and technological advancements associated with advanced safety features is anticipated to create a lucrative growth opportunity for the market over the forecast period. However, stringent automotive safety regulations and high cost of implementation are going to impede overall market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Side View Camera System Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Europe dominated the market in 2022 owing to the increase in demand for safety and comfort features in cars in the region. Consumers are increasingly attracted to vehicles equipped with advanced technology. Side View Camera System represents a cutting-edge feature that adds to the overall appeal of a vehicle, especially among tech-savvy buyers. The region's dominant performance is anticipated to propel the overall demand for Side View Camera System. Furthermore, Asia Pacific is expected to grow fastest during the forecast period, owing to factors such as the growing adoption of driver assistance systems in the region. Autonomous vehicles need comprehensive situational awareness to navigate effectively. Side-view cameras offer a wider field of view compared to traditional side mirrors, reducing blind spots and providing more detailed information about nearby objects and traffic conditions.

Major market players included in this report are:

Hyundai Mobis Co., Ltd

Continental AG

Valeo SA

Mitsubishi Electric Corporation.

Magna International Inc.

Robert Bosch GmbH

Denso Corporation

Stoneridge, Inc.

Panasonic Corporation

Samsung Electronics Co., Ltd.

Recent Developments in the Market:

In August 2023, QuadBoss, a renowned brand of UTV accessories, unveiled its most recent innovation: the QuadBoss 360° camera system. This first-to-market auxiliary camera system gives side-by-side users a bird's-eye perspective of their surroundings, making navigation easier and safer in any terrain. The QuadBoss 360° camera system employs four high-definition Sony cameras mounted on each side of the UTV to record a 360° panoramic image of its surroundings. The feeds from each camera are combined to create a seamless composite image that provides a comprehensive perspective of everything going on around the vehicle. This is an excellent choice for off-road enthusiasts who desire a clear view of their surroundings while navigating challenging terrain.

Global Side View Camera System 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 - Camera type, Component, Vehicle type, Region

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

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

The objective of the study is to define the market sizes of different segments & countries in recent years and to forecast the values for 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 to detailed information about the crucial aspects such as driving factors & challenges that will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Camera type

Single Camera System

Multi Camera System

By Component

Camera

ECU

Display

By Vehicle type

Passenger Vehicle

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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