

Global Forward Facing ADAS Camera Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Forward Facing ADAS Camera market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

In recent years, the installation rate of automotive ADAS advanced driver assistance systems is growing rapidly. Five departments including the Ministry of Transport of China jointly released the 'Intelligent Connected Vehicle Technology Roadmap 2.0', proposing the development goal of autonomous driving: the sales volume of L2 and L3 new vehicles will reach 50% in 2025, and the sales volume of L2 and L3 new vehicles will reach 50% in 2030. More than 70%, L4 accounted for 20%. Europe, the United States and Japan have also formulated relevant strategic plans to support research in the field of autonomous driving. In terms of regulations, South Korea is the first country in the world to formulate safety standards for L3 autonomous driving and formulate commercialization standards. Global support policies and landing standards work together to escort the development of intelligent driving.

Looking at major manufacturers, a number of L2+ and above smart models will be launched in 2022, and the world will usher in the transition from L2 to L3/L4. ADAS basically focuses on L2-L3 level autonomous driving. In order to realize these functions, only car perception In the system, the number of cameras used is basically more than five. Technology companies and auto parts suppliers will continue to invest in research and development to promote continuous innovation and improvement of forward-facing ADAS camera technology, including higher resolution, wider field of view, enhanced low-light performance, and more advanced artificial intelligence algorithm etc. At the same time, consumers' demand for car safety and driving convenience is increasing. As a key technology for providing higher-level driving assistance, forward-facing ADAS cameras will receive more attention and demand from consumers.

The forward-facing ADAS camera is an important sensor used in automotive advanced driver assistance systems (ADAS). It is located at the front of the vehicle and monitors road and traffic conditions in real time, providing visual information and assistance functions to the driver. It uses high-resolution image sensors and advanced computer vision algorithms to identify and track vehicles, pedestrians, traffic signs and road markings on the road. Its features include collision warning, adaptive cruise control, lane keeping assist, pedestrian and bicycle detection, traffic sign recognition, and road departure warning, among others.

This report studies the global Forward Facing ADAS Camera production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Forward Facing ADAS Camera, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Forward Facing ADAS Camera that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Forward Facing ADAS Camera total production and demand, 2018-2029, (K Units)

Global Forward Facing ADAS Camera total production value, 2018-2029, (USD Million)

Global Forward Facing ADAS Camera production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Forward Facing ADAS Camera consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Forward Facing ADAS Camera domestic production, consumption, key domestic manufacturers and share

Global Forward Facing ADAS Camera production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Forward Facing ADAS Camera production by Type, production, value, CAGR,

2018-2029, (USD Million) & (K Units)

Global Forward Facing ADAS Camera production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Forward Facing ADAS Camera market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mobileye, Veoneer Inc., Aptiv, Bosch, Continental, Denso Corporation, Hella, LG and Magna International Inc., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Forward Facing ADAS Camera market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Forward Facing ADAS Camera Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Forward Facing ADAS Camera Market, Segmentation by Type

Monocular

Binocular

Global Forward Facing ADAS Camera Market, Segmentation by Application

Passenger Car

Commercial Vehicle

Others

Companies Profiled:

Mobileye

Veoneer Inc.

Aptiv

Bosch

Continental

Denso Corporation

Hella

LG

Magna International Inc.

ZF Friedrichshafen

Panasonic Corporation

Renesas Electronics Corporation

Hangzhou Hikvision Digital Technology Co.,Ltd.

Huizhou Desay SV Automotive Co.,Ltd.

Hangzhou Hopechart IoT Technology Co., Ltd.

Neusoft Corporation

ANHUI TATFOOK TECHNOLOGY CO., LTD

Zhejiang SUNNY Smartlead TECHNOLOGIES Co., Ltd.

Shenzhen Hangsheng Electronics Co.,Ltd.

Ningbo Yak Technology Industrial Co.,Ltd.

Key Questions Answered

1. How big is the global Forward Facing ADAS Camera market?
2. What is the demand of the global Forward Facing ADAS Camera market?
3. What is the year over year growth of the global Forward Facing ADAS Camera market?
4. What is the production and production value of the global Forward Facing ADAS Camera market?
5. Who are the key producers in the global Forward Facing ADAS Camera market?

6. What are the growth factors driving the market demand?

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