

# Global Vehicle-mounted OPA LiDAR Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Vehicle-mounted OPA LiDAR market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

OPA (phased array) lidar is a type of lidar that uses optical phase control array technology to achieve laser scanning. The OPA transmitter is composed of multiple independently controllable transmitting and receiving units. Changing the voltage loaded on them can change the characteristics of the light waves emitted by each unit, and then by adjusting the phase relationship between the emitted light waves, mutual enhancement can be achieved in a certain direction. Interference produces a directional, high-intensity beam.

This report studies the global Vehicle-mounted OPA LiDAR production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Vehicle-mounted OPA LiDAR, 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 Vehicle-mounted OPA LiDAR that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Vehicle-mounted OPA LiDAR total production and demand, 2018-2029, (K Units)

Global Vehicle-mounted OPA LiDAR total production value, 2018-2029, (USD Million)

Global Vehicle-mounted OPA LiDAR production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Vehicle-mounted OPA LiDAR consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Vehicle-mounted OPA LiDAR domestic production, consumption, key domestic manufacturers and share

Global Vehicle-mounted OPA LiDAR production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Vehicle-mounted OPA LiDAR production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Vehicle-mounted OPA LiDAR production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Vehicle-mounted OPA LiDAR 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 Quanergy, VanJee Technology Co Ltd, RoboSense, Litrtech, Scantinel, Analog Photonics, Guo Ke Guang Xin Technology, Luminwave and Shanghai Xiangdian Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Vehicle-mounted OPA LiDAR 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 Vehicle-mounted OPA LiDAR Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Vehicle-mounted OPA LiDAR Market, Segmentation by Type

FMCW Ranging Type

ToF Ranging Type

## Global Vehicle-mounted OPA LiDAR Market, Segmentation by Application

Commercial Vehicle

Passenger Car

### Companies Profiled:

Quanergy

VanJee Technology Co Ltd

RoboSense

Litrtech

Scantinel

Analog Photonics

Guo Ke Guang Xin Technology

Luminwave

Shanghai Xiangdian Technology

Xenomatrix

### Key Questions Answered

1. How big is the global Vehicle-mounted OPA LiDAR market?
2. What is the demand of the global Vehicle-mounted OPA LiDAR market?
3. What is the year over year growth of the global Vehicle-mounted OPA LiDAR market?

4. What is the production and production value of the global Vehicle-mounted OPA LiDAR market?
  
5. Who are the key producers in the global Vehicle-mounted OPA LiDAR market?

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