

Global Optical Phased Array LiDAR Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Optical Phased Array LiDAR market size is expected to reach \$ 160.1 million by 2029, rising at a market growth of 4.9% CAGR during the forecast period (2023-2029).

Optical Phased Array LiDAR is a lidar system implemented using optical phased array technology. Traditional lidar systems use mechanical rotating mirrors or electronic scanners to change the direction of the laser beam to scan and measure the environment. Optical phased array lidar uses a fully electronic method to control and adjust the direction of the laser beam by adjusting optical elements (such as gratings or waveguides) in the array.

This report studies the global Optical Phased Array LiDAR production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Optical Phased Array 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 Optical Phased Array LiDAR that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Optical Phased Array LiDAR total production and demand, 2018-2029, (K Units)

Global Optical Phased Array LiDAR total production value, 2018-2029, (USD Million)

Global Optical Phased Array LiDAR production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Optical Phased Array LiDAR consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Optical Phased Array LiDAR domestic production, consumption, key domestic manufacturers and share

Global Optical Phased Array LiDAR production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Optical Phased Array LiDAR production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Optical Phased Array LiDAR production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Optical Phased Array 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 AEye Inc., Neptec Technologies Corp., Quanergy, RoboSense, Xenomatix, Analog Photonics, VanJee Technology Co Ltd, Luminwave and Litratech, 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 Optical Phased Array 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 Optical Phased Array LiDAR Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Optical Phased Array LiDAR Market, Segmentation by Type

FMCW Ranging Type

ToF Ranging Type

Global Optical Phased Array LiDAR Market, Segmentation by Application

Automobile

Industrial

Others

Companies Profiled:

AEye Inc.

Neptec Technologies Corp.

Quanergy

RoboSense

Xenomatrix

Analog Photonics

VanJee Technology Co Ltd

Luminwave

Litrtech

Velodyne

Key Questions Answered

1. How big is the global Optical Phased Array LiDAR market?
2. What is the demand of the global Optical Phased Array LiDAR market?
3. What is the year over year growth of the global Optical Phased Array LiDAR market?
4. What is the production and production value of the global Optical Phased Array LiDAR market?
5. Who are the key producers in the global Optical Phased Array LiDAR market?

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