

# Global Solid-State Short-Range Lidar Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G52035538467EN.html>

Date: October 2025

Pages: 115

Price: US\$ 3,132.00 (Single User License)

ID: G52035538467EN

## Abstracts

According to our (Global Info Research) latest study, the global Solid-State Short-Range Lidar market size was valued at US\$ 336 million in 2024 and is forecast to a readjusted size of USD 581 million by 2031 with a CAGR of 8.2% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Solid-state short-range LiDAR is a type of LiDAR designed for short-range high-precision detection and scanning. Its main feature is that it adopts a solid-state design without the mechanical rotating parts commonly found in traditional LiDARs. This technology uses semiconductors or other optical scanning methods to transmit and receive laser beams, and has the advantages of high reliability, compact size and low power consumption.

This report is a detailed and comprehensive analysis for global Solid-State Short-Range Lidar market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

## Key Features:

Global Solid-State Short-Range Lidar market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Solid-State Short-Range Lidar market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Solid-State Short-Range Lidar market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Solid-State Short-Range Lidar market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Solid-State Short-Range Lidar
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Solid-State Short-Range Lidar market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Velodyne, Quanergy, LeddarTech, ABAX Sensing, Continental, ibeo, Ouster, Hesai Technology, RoboSense, LiangDao, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

Solid-State Short-Range Lidar market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

## Market segment by Type

Power Consumption: 5-10 W

Power Consumption: 10-15 W

Others

## Market segment by Application

Automotives

Drones

Robotics

Industrial

Others

## Major players covered

Velodyne

Quanergy

LeddarTech

ABAX Sensing

Continental

ibeo

Ouster

Hesai Technology

RoboSense

LiangDao

LeiShen Intelligent System

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Solid-State Short-Range Lidar product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Solid-State Short-Range Lidar, with price, sales quantity, revenue, and global market share of Solid-State Short-Range Lidar from 2020 to 2025.

Chapter 3, the Solid-State Short-Range Lidar competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Solid-State Short-Range Lidar breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020

to 2025.and Solid-State Short-Range Lidar market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Solid-State Short-Range Lidar.

Chapter 14 and 15, to describe Solid-State Short-Range Lidar sales channel, distributors, customers, research findings and conclusion.

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