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Global Near Range Blind Spot LiDAR Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Near Range Blind Spot LiDAR market size is expected to reach $ 1301 million by 2032, rising at a market growth of 15.0% CAGR during the forecast period (2026-2032).

In 2025, global Near Range Blind Spot LiDAR production reached approximately 1,880 K Units, with an average global market price of around 250 US$/Unit.

Near Range Blind Spot LiDAR is a compact, automotive-grade solid-state or hybrid solid-state sensor dedicated to detecting close-quarters blind zones around the vehicle, such as side and rear areas that cannot be fully covered by long-range LiDAR, cameras, or radar. It delivers high-resolution, real-time 3D perception at close distances, identifies nearby vehicles, pedestrians, cyclists, and obstacles, and supports safe lane changing, parking, low-speed maneuvering, and urban driving. Designed for wide field of view, high reliability, and low cost, it serves as a key supplementary perception device for eliminating sensing blind spots and improving driving safety.

The demand for near range blind spot LiDAR is mainly driven by the upgrading of automotive safety regulations and the rapid iteration of ADAS and autonomous driving systems, as its wide field of view and close-range high precision effectively compensate for the sensing blind spots of conventional sensors and provide essential safety redundancy. With continuous cost reduction from technological optimization and mass production, its application has expanded from high-end intelligent models to mainstream passenger vehicles and commercial vehicles, while growing demand from autonomous delivery vehicles and low-speed intelligent equipment further expands market space. Business opportunities focus on the localization and cost reduction of core components, the development of multi-sensor fusion solutions, and scenario-based product

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customization, all of which will provide sustained growth momentum for the industry.

This report studies the global Near Range Blind Spot LiDAR production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Near Range Blind Spot LiDAR and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Near Range Blind Spot LiDAR that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Near Range Blind Spot LiDAR total production and demand, 2021-2032, (Units)

Global Near Range Blind Spot LiDAR total production value, 2021-2032, (USD Million)

Global Near Range Blind Spot LiDAR production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Near Range Blind Spot LiDAR consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Near Range Blind Spot LiDAR domestic production, consumption, key domestic manufacturers and share

Global Near Range Blind Spot LiDAR production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Near Range Blind Spot LiDAR production by Installation Position, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Near Range Blind Spot LiDAR production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Near Range Blind Spot LiDAR market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key

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companies covered as a part of this study include Hesai Tech, RoboSense, LeiShen Intelligence System, Velodyne, Seyond, Cepton, Continental, LiangDao Automotive Technology, VanJee, 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 Near Range Blind Spot LiDAR market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Units) and average price (US$/Unit) by manufacturer, by Installation Position, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Near Range Blind Spot LiDAR Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Near Range Blind Spot LiDAR Market, Segmentation by Installation Position:

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Rear Bumper Corner

Front Fender Corner

Side Mirror / Door Beltline

Global Near Range Blind Spot LiDAR Market, Segmentation by Sensing Range:

Ultra-Short Range

Short Range

Medium Range

Global Near Range Blind Spot LiDAR Market, Segmentation by Field Of View:

Ultra-Wide Horizontal FOV

Wide Vertical FOV

Dual-Layer / Multi-Zone FOV

Global Near Range Blind Spot LiDAR Market, Segmentation by Application:

Passenger Cars

Commercial Vehicles

Companies Profiled:

Hesai Tech

RoboSense

LeiShen Intelligence System

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Velodyne

Seyond

Cepton

Continental

LiangDao Automotive Technology

VanJee

Key Questions Answered:

1. How big is the global Near Range Blind Spot LiDAR market?
2. What is the demand of the global Near Range Blind Spot LiDAR market?
3. What is the year over year growth of the global Near Range Blind Spot LiDAR market?
4. What is the production and production value of the global Near Range Blind Spot LiDAR market?
5. Who are the key producers in the global Near Range Blind Spot LiDAR market?
6. What are the growth factors driving the market demand?

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