

# Global ToF Single-line Lidar Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global ToF Single-line Lidar market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The workflow of ToF single-line lidars is as follows: launch, launch time record, reflection, reception, receive time record, time difference calculation, distance calculation. Compared with traditional multi-line lidars, ToF single-line lidars have the following characteristics: simplified hardware, real-time performance, and low power consumption. It can achieve high-precision distance measurement of target objects and provide important data support for environment perception and obstacle detection.

The ToF single-line lidar is a lidar system that works on the principle of ToF. It achieves the distance measurement by sending pulsed laser light and measuring the time from when the laser light is emitted to when it is received.

This report studies the global ToF Single-line Lidar production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for ToF Single-line 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 ToF Single-line Lidar that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global ToF Single-line Lidar total production and demand, 2018-2029, (Units)

Global ToF Single-line Lidar total production value, 2018-2029, (USD Million)

Global ToF Single-line Lidar production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global ToF Single-line Lidar consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: ToF Single-line Lidar domestic production, consumption, key domestic manufacturers and share

Global ToF Single-line Lidar production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global ToF Single-line Lidar production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global ToF Single-line Lidar production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global ToF Single-line 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 SICK, Hokuyo, Slamtec, Hikvision, SMIT, Shandong Free Optics, Richbeam, Shanghai Siminics and Shenzhen Leishen, 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 ToF Single-line 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 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 ToF Single-line Lidar Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global ToF Single-line Lidar Market, Segmentation by Type

Industrial Grade

Vehicle Grade

### Global ToF Single-line Lidar Market, Segmentation by Application

Industrial

Automotive

Aerospace

Medical

Electronics

Others

#### Companies Profiled:

SICK

Hokuyo

Slamtec

Hikvision

SMIT

Shandong Free Optics

Richbeam

Shanghai Siminics

Shenzhen Leishen

Shenzhen Litra Technology

Ningbo Osight Photoelectric Technology

Neuvition

#### Key Questions Answered

1. How big is the global ToF Single-line Lidar market?
2. What is the demand of the global ToF Single-line Lidar market?
3. What is the year over year growth of the global ToF Single-line Lidar market?

4. What is the production and production value of the global ToF Single-line Lidar market?
5. Who are the key producers in the global ToF Single-line Lidar market?
6. What are the growth factors driving the market demand?

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