

MARKETS FOR LIDAR AND 3D SENSING – NOVEMBER 2022

The market is set for growth, but US investors lose interest



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Abstract

This report analyzes the new business opportunity for suppliers of optical components in the market for automotive lidars and 3D depth sensors used in smartphones and other applications. It offers a summary of recent progress in development of autonomous driving solutions enabled by Level 4 and 5 lidars as well as ADAS based on Level 2/3 technology.

It reviews different lidar and 3D sensing technologies and the optics required, with a focus on vertical-cavity surface-emitting laser (VCSEL) arrays.

The report includes historical data on shipments of these products in 2017-2022 and forecast for 2023-2027. It offers an analysis of the leading vendors and discusses likely future developments in the supply chain.

It includes profiles of the leading lidar and VCSEL array suppliers as well as manufacturers of electric vehicles in China, actively deploying lidars.

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LightCounting is a market research company focused on the in-depth study of high speed interconnects for the datacom, telecom, and consumer communications markets. Our research covers the whole supply chain from optical and semiconductor components, to modules, sub-systems and their applications in telecom and datacom systems.

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