

Photonic Sensors and Detectors: Technologies and Global Markets

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Abstracts

Report Scope:

The scope of the report includes an overview of the global photonic sensors and detectors market as well as the analysis of global market trends, with data from 2020 and 2021, the latter considered the base year, as well as estimates for 2022 through 2027, with projections of CAGR in the forecast period. Revenue forecasts for this period are segmented based on photonic sensor type, photonic detector type, application, and geography.

The report also includes a discussion of technological, regulatory and competitive elements as well as economic trends affecting the market. It also explains the major drivers and regional dynamics of the global photonics and sensors market and current trends within the industry. The report concludes with detailed profiles of the major vendors in the global market.

Report Includes:

54 data tables and 25 additional tables

Detailed overview and an up-to-date analysis of the global markets for the photonic sensors and detectors within the industry

Analyses of the global market trends, with historic market revenue data for 2021, estimates for 2022, forecasts for 2023 and 2025, and projections of compound annual growth rates (CAGRs) through 2027

Estimation of the actual market size and revenue forecast for the photonic sensors and detectors market in USD million values, and their corresponding market share analysis by type, application, and region

In-depth information (facts and figures) concerning the major factors influencing the progress of the market (benefits, and industry-specific challenges) with respect to specific growth trends, upcoming technologies, prospects, and contributions to the overall market

Review of the patents issued on photonic sensors and detectors as well as the technological trends and new developments in the global market over a brief period

Identification of the leading industry players and analysis of the company competitive landscape based on their recent developments, solution offerings, financial performance, patent portfolios, and segmental revenues

Detailed company profiles of the top photonic sensors and detectors providers, including Analog Devices Inc., Coherent Inc., Infineon Technologies AG, MKS Instruments Inc., Hamamatsu Photonics K.K., and Omron Corp.

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BANNER ENGINEERING CORP.

BANPIL PHOTONICS

BAUMER HOLDING AG

BROADCOM LTD.

COHERENT INC. (II-VI INC.)

HAMAMATSU PHOTONICS K.K.

INFINEON TECHNOLOGIES AG

IPG PHOTONICS CORP.

LUNA INNOVATIONS INC.

M2 OPTICS INC.

MKS INSTRUMENTS INC.

NEWPORT CORP. (MKS INSTRUMENTS INC.)

OMRON CORP.

PHOTONIC SOLUTIONS LTD.

POLYTEC GMBH

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