

Silicon Based Photo-detector Market, Global Outlook and Forecast 2022-2028

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Abstracts

This report contains market size and forecasts of Silicon Based Photo-detector in global, including the following market information:

Global Silicon Based Photo-detector Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Silicon Based Photo-detector Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Silicon Based Photo-detector companies in 2021 (%)

The global Silicon Based Photo-detector market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Silicon Drift Detectors (SDDs) Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Silicon Based Photo-detector include Hamamatsu, SensL, KETEK GmbH, Excelitas, Cremat Inc, First Sensor, AdvanSiD, Broadcom and ON Semiconductor, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Silicon Based Photo-detector manufacturers, suppliers, distributors and industry experts on this industry,

involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Silicon Based Photo-detector Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Silicon Based Photo-detector Market Segment Percentages, by Type, 2021 (%)

Silicon Drift Detectors (SDDs)

Silicon PhotoMultipliers (SiPMs)

Global Silicon Based Photo-detector Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Silicon Based Photo-detector Market Segment Percentages, by Application, 2021 (%)

Nuclear Medicine / Medical Imaging

High Energy Physics

Security & Safety

DNA Sequencing / Flow Cytometry

Biological Sensors

LIDAR / Image Ranging

Analytical Instruments

Electron Microscopy - SEM

Others

Global Silicon Based Photo-detector Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (K Units)

Global Silicon Based Photo-detector Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Silicon Based Photo-detector revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Silicon Based Photo-detector revenues share in global market, 2021
(%)

Key companies Silicon Based Photo-detector sales in global market, 2017-2022
(Estimated), (K Units)

Key companies Silicon Based Photo-detector sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Hamamatsu

SensL

KETEK GmbH

Excelitas

Cremat Inc

First Sensor

AdvanSiD

Broadcom

ON Semiconductor

Thermo Fisher

Hitachi High-Technologies

AMETEK

Burker

Oxford Instruments

RaySpec

PNDetector

Mirion Technologies

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