

Global Infrared Single Photon Detectors Market Growth 2025-2031

<https://marketpublishers.com/r/GFB3D58E00D0EN.html>

Date: April 2025

Pages: 95

Price: US\$ 3,660.00 (Single User License)

ID: GFB3D58E00D0EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Infrared Single Photon Detectors market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

United States market for Infrared Single Photon Detectors is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Infrared Single Photon Detectors is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Infrared Single Photon Detectors is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Infrared Single Photon Detectors players cover Scontel, Single Quantum, Photon Spot, Quantum Opus, ID Quantique, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Infrared Single Photon Detectors Industry Forecast" looks at past sales and reviews total world Infrared Single Photon Detectors sales in 2024, providing a comprehensive analysis by region and market sector of projected Infrared Single Photon Detectors sales for 2025 through 2031. With Infrared Single Photon Detectors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Infrared Single Photon Detectors industry.

This Insight Report provides a comprehensive analysis of the global Infrared Single Photon Detectors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Infrared Single Photon Detectors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Infrared Single Photon Detectors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Infrared Single Photon Detectors and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Infrared Single Photon Detectors.

This report presents a comprehensive overview, market shares, and growth opportunities of Infrared Single Photon Detectors market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Less than 0.6 cps

Above 0.6 cps

Segmentation by Application:

Quantum Communication

Quantum Computation

Other Application

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Scontel

Single Quantum

Photon Spot

Quantum Opus

ID Quantique

Photec

Key Questions Addressed in this Report

What is the 10-year outlook for the global Infrared Single Photon Detectors market?

What factors are driving Infrared Single Photon Detectors market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Infrared Single Photon Detectors market opportunities vary by end market size?

How does Infrared Single Photon Detectors break out by Type, by Application?

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