

Global Photonic Infrared Sensors Market Growth 2025-2031

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Abstracts

The global Photonic Infrared Sensors 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.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

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

Global key Photonic Infrared Sensors players cover Sofradir, Excelitas Technologies Corp., Hamamatsu Photonic, Nippon Ceramic, Senba Sensing Technology Co., Ltd., 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 "Photonic Infrared Sensors Industry Forecast" looks at past sales and reviews total world Photonic Infrared Sensors sales in 2024, providing a comprehensive analysis by region and market sector of projected Photonic Infrared Sensors sales for 2025 through 2031. With Photonic

Infrared Sensors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Photonic Infrared Sensors industry.

This Insight Report provides a comprehensive analysis of the global Photonic Infrared Sensors 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 Photonic Infrared Sensors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Photonic Infrared Sensors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Photonic Infrared Sensors 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 Photonic Infrared Sensors.

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

Segmentation by Type:

Short Wave Infrared

Mid Wave Infrared

Long Wave Infrared

Segmentation by Application:

Military

Automotive

Smart Home

Medical

Others

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.

Sofradir

Excelitas Technologies Corp.

Hamamatsu Photonic

Nippon Ceramic

Senba Sensing Technology Co., Ltd.

Yantai Raytron Technology Co., Ltd.

North GuangWei

Infra TEC GmbH

Panasonic

Omron

Murata

Heimann Sensor GmbH

Key Questions Addressed in this Report

What is the 10-year outlook for the global Photonic Infrared Sensors market?

What factors are driving Photonic Infrared Sensors market growth, globally and by region?

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

How do Photonic Infrared Sensors market opportunities vary by end market size?

How does Photonic Infrared Sensors break out by Type, by Application?

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