

# Global Infrared Sensor Card Market Growth 2025-2031

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## Abstracts

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The global Infrared Sensor Card 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.

When working with laser beams in non-visible spectral regions (i.e., with infrared light), it is often essential to have some way of making beam positions and beam profiles visible. A low-cost way of doing this is using infrared sensor cards or detector cards. Such a tool – often made of a plastic (e.g. polyester) with the size of a credit card or larger – has a photosensitive area which emits visible light (or in some cases changes its color) when it is hit by laser light in a certain wavelength region. It therefore becomes possible e.g. to follow the path of a laser beam and to check whether it hits optical components at the desired positions.

United States market for Infrared Sensor Card 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 Sensor Card 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 Sensor Card 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 Sensor Card players cover AZURE Photonics, HC Photonics, Altos Photonics, Data Optics, Edmund Optics, 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 Sensor Card Industry

Forecast” looks at past sales and reviews total world Infrared Sensor Card sales in 2024, providing a comprehensive analysis by region and market sector of projected Infrared Sensor Card sales for 2025 through 2031. With Infrared Sensor Card sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Infrared Sensor Card industry.

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

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

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

#### Segmentation by Type:

IR

NIR

UV

VIS

#### Segmentation by Application:

Vision

Photonic Devices

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.

AZURE Photonics

HC Photonics

Altos Photonics

Data Optics

Edmund Optics

EKSMA Optics

Global Laser

HAM Kristall-Technologie Andreas Maier

International Crystal

Metrolux optische Messtechnik

Newport

Scintacor

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Infrared Sensor Card market?

What factors are driving Infrared Sensor Card market growth, globally and by region?

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

How do Infrared Sensor Card market opportunities vary by end market size?

How does Infrared Sensor Card break out by Type, by Application?

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