

Global SWIR (Short Wavelength Infrared) Lenses Market Growth 2025-2031

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Abstracts

The global SWIR (Short Wavelength Infrared) Lenses 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.

SWIR (Short Wave Infrared) Lenses are specifically designed for Machine Vision applications in NIR and SWIR etc fields.

United States market for SWIR (Short Wavelength Infrared) Lenses 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 SWIR (Short Wavelength Infrared) Lenses 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 SWIR (Short Wavelength Infrared) Lenses is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key SWIR (Short Wavelength Infrared) Lenses players cover Shibuya Optical Co, SPACE inc, Opto Engineering, Shanghai Optics Inc, Navitar, 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 “SWIR (Short Wavelength Infrared) Lenses Industry Forecast” looks at past sales and reviews total world SWIR (Short Wavelength Infrared) Lenses sales in 2024, providing a comprehensive analysis by region and market sector of projected SWIR (Short Wavelength Infrared) Lenses sales for 2025 through 2031. With SWIR (Short Wavelength Infrared) Lenses sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world SWIR (Short Wavelength Infrared) Lenses industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for SWIR (Short Wavelength Infrared) Lenses 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 SWIR (Short Wavelength Infrared) Lenses.

This report presents a comprehensive overview, market shares, and growth opportunities of SWIR (Short Wavelength Infrared) Lenses market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

25mm Focal Lengths

35mm Focal Lengths

50mm Focal Lengths

Others

Segmentation by Application:

Security

Solar Cell Inspection

Night Vision Imaging

Manufacturing

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.

Shibuya Optical Co

SPACE inc

Opto Engineering

Shanghai Optics Inc

Navitar

FLIR

Edmund Optics Inc

Stemmer Imaging

DIOPTIC GmbH

IRCAM GmbH

Alkor Technologies

Computar

Key Questions Addressed in this Report

What is the 10-year outlook for the global SWIR (Short Wavelength Infrared) Lenses market?

What factors are driving SWIR (Short Wavelength Infrared) Lenses market growth, globally and by region?

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

How do SWIR (Short Wavelength Infrared) Lenses market opportunities vary by end market size?

How does SWIR (Short Wavelength Infrared) Lenses break out by Type, by Application?

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