

Global Long-Wave Infrared Continuous Zoom Lens Market Growth 2026-2032

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Abstracts

The global Long-Wave Infrared Continuous Zoom Lens market size is predicted to grow from US\$ 222 million in 2025 to US\$ 295 million in 2032; it is expected to grow at a CAGR of 3.5% from 2026 to 2032.

In 2025, the global production of long-wave infrared continuous zoom lenses reached 158,800 units, with an average selling price of US\$1,430 per unit. The global annual production capacity of long-wave infrared continuous zoom lenses is approximately 200,000 units, with a gross profit margin of approximately 27.3%. A long-wave infrared continuous zoom lens is a lens component used in long-wave infrared imaging systems, enabling smooth and continuous zoom within a certain focal length range to adapt to the imaging needs of targets at different distances. Long-wave infrared typically refers to the thermal imaging band with wavelengths in the range of 8–14 micrometers (μm). The upstream of the long-wave infrared continuous zoom lens industry chain includes lens materials, coating materials, and optical coupling elements; the midstream consists of long-wave infrared continuous zoom lens manufacturers; and the downstream mainly includes industries such as security monitoring, military, and medical.

United States market for Long-Wave Infrared Continuous Zoom Lens is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Long-Wave Infrared Continuous Zoom Lens is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Long-Wave Infrared Continuous Zoom Lens is estimated to increase

from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Long-Wave Infrared Continuous Zoom Lens players cover Ophir Optronics, Northern Night Vision Technology Research Institute Group, LEAD IR, QUANHOM, Clear Align, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the “Long-Wave Infrared Continuous Zoom Lens Industry Forecast” looks at past sales and reviews total world Long-Wave Infrared Continuous Zoom Lens sales in 2025, providing a comprehensive analysis by region and market sector of projected Long-Wave Infrared Continuous Zoom Lens sales for 2026 through 2032. With Long-Wave Infrared Continuous Zoom Lens sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Long-Wave Infrared Continuous Zoom Lens industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Long-Wave Infrared Continuous Zoom Lens 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 Long-Wave Infrared Continuous Zoom Lens.

This report presents a comprehensive overview, market shares, and growth opportunities of Long-Wave Infrared Continuous Zoom Lens market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Germanium Lens

Cyanide Glass Lens

Zinc Selenide Lens

Segmentation by Zoom Method:

Electric

Manual

Segmentation by Athermidation-Free Design:

Athermidation-Free Lens

Non-athermidation-Free Lens

Segmentation by Application:

Security Monitoring

Military

Industrial

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.

Ophir Optronics

Northern Night Vision Technology Research Institute Group

LEAD IR

QUANHOM

Clear Align

JIR

MKS Instruments

Teledyne FLIR

RICOM

WAVE OPTICS

Tamron

Goyo

Kowa

Myutron

LENSTECHS

Umicore

VOT

Nanjing Cngeir Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Long-Wave Infrared Continuous Zoom Lens market?

What factors are driving Long-Wave Infrared Continuous Zoom Lens market growth, globally and by region?

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

How do Long-Wave Infrared Continuous Zoom Lens market opportunities vary by end market size?

How does Long-Wave Infrared Continuous Zoom Lens break out by Type, by Application?

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