

Global Shortwave Infrared Continuous Zoom Lens Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G8CC91DD3864EN.html>

Date: August 2026

Pages: 130

Price: US\$ 3,480.00 (Single User License)

ID: G8CC91DD3864EN

Abstracts

According to our (Global Info Research) latest study, the global Shortwave Infrared Continuous Zoom Lens market size was valued at US\$ 275 million in 2025 and is forecast to a readjusted size of US\$ 355 million by 2032 with a CAGR of 3.3% during review period.

In 2025, the global production of shortwave infrared continuous zoom lenses reached 215,400 units, with an average selling price of \$1,240 per unit. The global annual production capacity for shortwave infrared continuous zoom lenses was approximately 285,000 units, and the gross margin was approximately 26.7%. A shortwave infrared continuous zoom lens is a lens component used in shortwave infrared imaging systems, enabling smooth and continuous zoom over a certain focal length range to accommodate different distances and resolution requirements. The SWIR band typically refers to the imaging range of approximately 1.0-2.5 micrometers (μm), with common materials including InGaAs and others that have good transmittance in this band. The upstream industry chain for shortwave infrared continuous zoom lenses includes optical glass and crystals, optical components and sub-assemblies, and mechanical and actuation components; the midstream consists of shortwave infrared continuous zoom lens manufacturers; and the downstream is primarily the military, aerospace, and industrial sectors.

Currently, the market for shortwave infrared continuous zoom lenses is at a stage where continuous technological breakthroughs coexist with steadily growing demand from high-end applications. In fields such as military reconnaissance, aerospace observation, and premium industrial inspection, these lenses have become critical imaging components due to their ability to achieve flexible focal length adjustment within the shortwave

infrared band. With ongoing advances in optical design, precision manufacturing, and coating technologies, the environmental adaptability, imaging clarity, and zoom stability of these products have been significantly improved, driving their adoption in an increasing number of complex scenarios. At the same time, industry players continue to increase R&D investment, gradually enriching product varieties and functional grades, while the competitive landscape becomes increasingly diverse. Overall, the market is moving toward greater specialization, customization, and higher value-added development.

This report is a detailed and comprehensive analysis for global Shortwave Infrared Continuous Zoom Lens market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Shortwave Infrared Continuous Zoom Lens market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Shortwave Infrared Continuous Zoom Lens market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Shortwave Infrared Continuous Zoom Lens market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Shortwave Infrared Continuous Zoom Lens market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Shortwave Infrared Continuous Zoom Lens

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Shortwave Infrared Continuous Zoom Lens market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Ophir Optronics, Northern Night Vision Technology Research Institute Group, LEAD IR, QUANHOM, Clear Align, JIR, MKS Inc., Teledyne FLIR, RICOM, WAVE OPTICS, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Shortwave Infrared Continuous Zoom Lens market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Narrow-Band Continuous Zoom Lens

Wide-Band Continuous Zoom Lens

Market segment by Focal Length Range

?100mm

100?300mm

300?600mm

?600mm

Market segment by Focal Adjustment Method

Manual

Electric

Market segment by Application

Military

Aerospace

Industrial

Security & Surveillance

Others

Major players covered

Ophir Optronics

Northern Night Vision Technology Research Institute Group

LEAD IR

QUANHOM

Clear Align

JIR

MKS Inc.

Teledyne FLIR

RICOM

WAVE OPTICS

Tamron

Goyo

Kowa

Myutron

LENSTECHS

Umicore

VOT

Nanjing Cngeir Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Shortwave Infrared Continuous Zoom Lens product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Shortwave Infrared Continuous Zoom Lens, with price, sales quantity, revenue, and global market share of Shortwave Infrared Continuous Zoom Lens from 2021 to 2026.

Chapter 3, the Shortwave Infrared Continuous Zoom Lens competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Shortwave Infrared Continuous Zoom Lens breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Shortwave Infrared Continuous Zoom Lens market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Shortwave Infrared Continuous Zoom Lens.

Chapter 14 and 15, to describe Shortwave Infrared Continuous Zoom Lens sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Shortwave Infrared Continuous Zoom Lens Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Narrow-Band Continuous Zoom Lens

1.3.3 Wide-Band Continuous Zoom Lens

1.4 Market Analysis by Focal Length Range

1.4.1 Overview: Global Shortwave Infrared Continuous Zoom Lens Consumption Value by Focal Length Range: 2021 Versus 2025 Versus 2032

1.4.2 <100mm

1.4.3 100-300mm

1.4.4 300-600mm

1.4.5 >600mm

1.5 Market Analysis by Focal Adjustment Method

1.5.1 Overview: Global Shortwave Infrared Continuous Zoom Lens Consumption Value by Focal Adjustment Method: 2021 Versus 2025 Versus 2032

1.5.2 Manual

1.5.3 Electric

1.6 Market Analysis by Application

1.6.1 Overview: Global Shortwave Infrared Continuous Zoom Lens Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Military

1.6.3 Aerospace

1.6.4 Industrial

1.6.5 Security & Surveillance

1.6.6 Others

1.7 Global Shortwave Infrared Continuous Zoom Lens Market Size & Forecast

1.7.1 Global Shortwave Infrared Continuous Zoom Lens Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Shortwave Infrared Continuous Zoom Lens Sales Quantity (2021-2032)

1.7.3 Global Shortwave Infrared Continuous Zoom Lens Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Ophir Optronics

2.1.1 Ophir Optronics Details

2.1.2 Ophir Optronics Major Business

2.1.3 Ophir Optronics Shortwave Infrared Continuous Zoom Lens Product and Services

2.1.4 Ophir Optronics Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Ophir Optronics Recent Developments/Updates

2.2 Northern Night Vision Technology Research Institute Group

2.2.1 Northern Night Vision Technology Research Institute Group Details

2.2.2 Northern Night Vision Technology Research Institute Group Major Business

2.2.3 Northern Night Vision Technology Research Institute Group Shortwave Infrared Continuous Zoom Lens Product and Services

2.2.4 Northern Night Vision Technology Research Institute Group Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Northern Night Vision Technology Research Institute Group Recent Developments/Updates

2.3 LEAD IR

2.3.1 LEAD IR Details

2.3.2 LEAD IR Major Business

2.3.3 LEAD IR Shortwave Infrared Continuous Zoom Lens Product and Services

2.3.4 LEAD IR Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 LEAD IR Recent Developments/Updates

2.4 QUANHOM

2.4.1 QUANHOM Details

2.4.2 QUANHOM Major Business

2.4.3 QUANHOM Shortwave Infrared Continuous Zoom Lens Product and Services

2.4.4 QUANHOM Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 QUANHOM Recent Developments/Updates

2.5 Clear Align

2.5.1 Clear Align Details

2.5.2 Clear Align Major Business

2.5.3 Clear Align Shortwave Infrared Continuous Zoom Lens Product and Services

2.5.4 Clear Align Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Clear Align Recent Developments/Updates

2.6 JIR

2.6.1 JIR Details

2.6.2 JIR Major Business

2.6.3 JIR Shortwave Infrared Continuous Zoom Lens Product and Services

2.6.4 JIR Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 JIR Recent Developments/Updates

2.7 MKS Inc.

2.7.1 MKS Inc. Details

2.7.2 MKS Inc. Major Business

2.7.3 MKS Inc. Shortwave Infrared Continuous Zoom Lens Product and Services

2.7.4 MKS Inc. Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 MKS Inc. Recent Developments/Updates

2.8 Teledyne FLIR

2.8.1 Teledyne FLIR Details

2.8.2 Teledyne FLIR Major Business

2.8.3 Teledyne FLIR Shortwave Infrared Continuous Zoom Lens Product and Services

2.8.4 Teledyne FLIR Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Teledyne FLIR Recent Developments/Updates

2.9 RICOM

2.9.1 RICOM Details

2.9.2 RICOM Major Business

2.9.3 RICOM Shortwave Infrared Continuous Zoom Lens Product and Services

2.9.4 RICOM Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 RICOM Recent Developments/Updates

2.10 WAVE OPTICS

2.10.1 WAVE OPTICS Details

2.10.2 WAVE OPTICS Major Business

2.10.3 WAVE OPTICS Shortwave Infrared Continuous Zoom Lens Product and Services

2.10.4 WAVE OPTICS Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 WAVE OPTICS Recent Developments/Updates

2.11 Tamron

2.11.1 Tamron Details

2.11.2 Tamron Major Business

- 2.11.3 Tamron Shortwave Infrared Continuous Zoom Lens Product and Services
- 2.11.4 Tamron Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.11.5 Tamron Recent Developments/Updates
- 2.12 Goyo
 - 2.12.1 Goyo Details
 - 2.12.2 Goyo Major Business
 - 2.12.3 Goyo Shortwave Infrared Continuous Zoom Lens Product and Services
 - 2.12.4 Goyo Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.12.5 Goyo Recent Developments/Updates
- 2.13 Kowa
 - 2.13.1 Kowa Details
 - 2.13.2 Kowa Major Business
 - 2.13.3 Kowa Shortwave Infrared Continuous Zoom Lens Product and Services
 - 2.13.4 Kowa Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.13.5 Kowa Recent Developments/Updates
- 2.14 Myutron
 - 2.14.1 Myutron Details
 - 2.14.2 Myutron Major Business
 - 2.14.3 Myutron Shortwave Infrared Continuous Zoom Lens Product and Services
 - 2.14.4 Myutron Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.14.5 Myutron Recent Developments/Updates
- 2.15 LENSTECHS
 - 2.15.1 LENSTECHS Details
 - 2.15.2 LENSTECHS Major Business
 - 2.15.3 LENSTECHS Shortwave Infrared Continuous Zoom Lens Product and Services
 - 2.15.4 LENSTECHS Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.15.5 LENSTECHS Recent Developments/Updates
- 2.16 Umicore
 - 2.16.1 Umicore Details
 - 2.16.2 Umicore Major Business
 - 2.16.3 Umicore Shortwave Infrared Continuous Zoom Lens Product and Services
 - 2.16.4 Umicore Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.16.5 Umicore Recent Developments/Updates

2.17 VOT

2.17.1 VOT Details

2.17.2 VOT Major Business

2.17.3 VOT Shortwave Infrared Continuous Zoom Lens Product and Services

2.17.4 VOT Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.17.5 VOT Recent Developments/Updates

2.18 Nanjing Cngeir Technology

2.18.1 Nanjing Cngeir Technology Details

2.18.2 Nanjing Cngeir Technology Major Business

2.18.3 Nanjing Cngeir Technology Shortwave Infrared Continuous Zoom Lens Product and Services

2.18.4 Nanjing Cngeir Technology Shortwave Infrared Continuous Zoom Lens Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.18.5 Nanjing Cngeir Technology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SHORTWAVE INFRARED CONTINUOUS ZOOM LENS BY MANUFACTURER

3.1 Global Shortwave Infrared Continuous Zoom Lens Sales Quantity by Manufacturer (2021-2026)

3.2 Global Shortwave Infrared Continuous Zoom Lens Revenue by Manufacturer (2021-2026)

3.3 Global Shortwave Infrared Continuous Zoom Lens Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Shortwave Infrared Continuous Zoom Lens by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Shortwave Infrared Continuous Zoom Lens Manufacturer Market Share in 2025

3.4.3 Top 6 Shortwave Infrared Continuous Zoom Lens Manufacturer Market Share in 2025

3.5 Shortwave Infrared Continuous Zoom Lens Market: Overall Company Footprint Analysis

3.5.1 Shortwave Infrared Continuous Zoom Lens Market: Region Footprint

3.5.2 Shortwave Infrared Continuous Zoom Lens Market: Company Product Type Footprint

3.5.3 Shortwave Infrared Continuous Zoom Lens Market: Company Product Application Footprint

- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Shortwave Infrared Continuous Zoom Lens Market Size by Region
 - 4.1.1 Global Shortwave Infrared Continuous Zoom Lens Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Shortwave Infrared Continuous Zoom Lens Consumption Value by Region (2021-2032)
 - 4.1.3 Global Shortwave Infrared Continuous Zoom Lens Average Price by Region (2021-2032)
- 4.2 North America Shortwave Infrared Continuous Zoom Lens Consumption Value (2021-2032)
- 4.3 Europe Shortwave Infrared Continuous Zoom Lens Consumption Value (2021-2032)
- 4.4 Asia-Pacific Shortwave Infrared Continuous Zoom Lens Consumption Value (2021-2032)
- 4.5 South America Shortwave Infrared Continuous Zoom Lens Consumption Value (2021-2032)
- 4.6 Middle East & Africa Shortwave Infrared Continuous Zoom Lens Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Shortwave Infrared Continuous Zoom Lens Sales Quantity by Type (2021-2032)
- 5.2 Global Shortwave Infrared Continuous Zoom Lens Consumption Value by Type (2021-2032)
- 5.3 Global Shortwave Infrared Continuous Zoom Lens Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Shortwave Infrared Continuous Zoom Lens Sales Quantity by Application (2021-2032)
- 6.2 Global Shortwave Infrared Continuous Zoom Lens Consumption Value by Application (2021-2032)
- 6.3 Global Shortwave Infrared Continuous Zoom Lens Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Shortwave Infrared Continuous Zoom Lens Sales Quantity by Type (2021-2032)

7.2 North America Shortwave Infrared Continuous Zoom Lens Sales Quantity by Application (2021-2032)

7.3 North America Shortwave Infrared Continuous Zoom Lens Market Size by Country

7.3.1 North America Shortwave Infrared Continuous Zoom Lens Sales Quantity by Country (2021-2032)

7.3.2 North America Shortwave Infrared Continuous Zoom Lens Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Shortwave Infrared Continuous Zoom Lens Sales Quantity by Type (2021-2032)

8.2 Europe Shortwave Infrared Continuous Zoom Lens Sales Quantity by Application (2021-2032)

8.3 Europe Shortwave Infrared Continuous Zoom Lens Market Size by Country

8.3.1 Europe Shortwave Infrared Continuous Zoom Lens Sales Quantity by Country (2021-2032)

8.3.2 Europe Shortwave Infrared Continuous Zoom Lens Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Shortwave Infrared Continuous Zoom Lens Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Shortwave Infrared Continuous Zoom Lens Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Shortwave Infrared Continuous Zoom Lens Market Size by Region

9.3.1 Asia-Pacific Shortwave Infrared Continuous Zoom Lens Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Shortwave Infrared Continuous Zoom Lens Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Shortwave Infrared Continuous Zoom Lens Sales Quantity by Type (2021-2032)

10.2 South America Shortwave Infrared Continuous Zoom Lens Sales Quantity by Application (2021-2032)

10.3 South America Shortwave Infrared Continuous Zoom Lens Market Size by Country
10.3.1 South America Shortwave Infrared Continuous Zoom Lens Sales Quantity by Country (2021-2032)

10.3.2 South America Shortwave Infrared Continuous Zoom Lens Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Shortwave Infrared Continuous Zoom Lens Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Shortwave Infrared Continuous Zoom Lens Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Shortwave Infrared Continuous Zoom Lens Market Size by Country

11.3.1 Middle East & Africa Shortwave Infrared Continuous Zoom Lens Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Shortwave Infrared Continuous Zoom Lens Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

- 11.3.4 Egypt Market Size and Forecast (2021-2032)
- 11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
- 11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

- 12.1 Shortwave Infrared Continuous Zoom Lens Market Drivers
- 12.2 Shortwave Infrared Continuous Zoom Lens Market Restraints
- 12.3 Shortwave Infrared Continuous Zoom Lens Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Shortwave Infrared Continuous Zoom Lens and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Shortwave Infrared Continuous Zoom Lens
- 13.3 Shortwave Infrared Continuous Zoom Lens Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Shortwave Infrared Continuous Zoom Lens Typical Distributors
- 14.3 Shortwave Infrared Continuous Zoom Lens Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Non-Metallic Strength Member Consumption Value by Material, (USD Million), 2021 & 2025 & 2032

Table 2. Global Non-Metallic Strength Member Consumption Value by Surface Structure, (USD Million), 2021 & 2025 & 2032

Table 3. Global Non-Metallic Strength Member Consumption Value by Diameter Range, (USD Million), 2021 & 2025 & 2032

Table 4. Global Non-Metallic Strength Member Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Wuxi Dingrong Composite Material Technology Co.Ltd Basic Information, Manufacturing Base and Competitors

Table 6. Wuxi Dingrong Composite Material Technology Co.Ltd Major Business

Table 7. Wuxi Dingrong Composite Material Technology Co.Ltd Non-Metallic Strength Member Product and Services

Table 8. Wuxi Dingrong Composite Material Technology Co.Ltd Non-Metallic Strength Member Sales Quantity (Million Meters), Average Price (US\$/K Meter), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Wuxi Dingrong Composite Material Technology Co.Ltd Recent Developments/Updates

Table 10. Jiangsu Hongbo Communication Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 11. Jiangsu Hongbo Communication Technology Co., Ltd. Major Business

Table 12. Jiangsu Hongbo Communication Technology Co., Ltd. Non-Metallic Strength Member Product and Services

Table 13. Jiangsu Hongbo Communication Technology Co., Ltd. Non-Metallic Strength Member Sales Quantity (Million Meters), Average Price (US\$/K Meter), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Jiangsu Hongbo Communication Technology Co., Ltd. Recent Developments/Updates

Table 15. Granite Falls Composites Basic Information, Manufacturing Base and Competitors

Table 16. Granite Falls Composites Major Business

Table 17. Granite Falls Composites Non-Metallic Strength Member Product and Services

Table 18. Granite Falls Composites Non-Metallic Strength Member Sales Quantity (Million Meters), Average Price (US\$/K Meter), Revenue (USD Million), Gross Margin

and Market Share (2021-2026)

Table 19. Granite Falls Composites Recent Developments/Updates

Table 20. FIBER-LINE Basic Information, Manufacturing Base and Competitors

Table 21. FIBER-LINE Major Business

Table 22. FIBER-LINE Non-Metallic Strength Member Product and Services

Table 23. FIBER-LINE Non-Metallic Strength Member Sales Quantity (Million Meters), Average Price (US\$/K Meter), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. FIBER-LINE Recent Developments/Updates

Table 25. Roblon Basic Information, Manufacturing Base and Competitors

Table 26. Roblon Major Business

Table 27. Roblon Non-Metallic Strength Member Product and Services

Table 28. Roblon Non-Metallic Strength Member Sales Quantity (Million Meters), Average Price (US\$/K Meter), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Roblon Recent Developments/Updates

Table 30. JRD Basic Information, Manufacturing Base and Competitors

Table 31. JRD Major Business

Table 32. JRD Non-Metallic Strength Member Product and Services

Table 33. JRD Non-Metallic Strength Member Sales Quantity (Million Meters), Average Price (US\$/K Meter), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. JRD Recent Developments/Updates

Table 35. Hubei Yulong Group Jinli New Materials Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 36. Hubei Yulong Group Jinli New Materials Co., Ltd Major Business

Table 37. Hubei Yulong Group Jinli New Materials Co., Ltd Non-Metallic Strength Member Product and Services

Table 38. Hubei Yulong Group Jinli New Materials Co., Ltd Non-Metallic Strength Member Sales Quantity (Million Meters), Average Price (US\$/K Meter), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Hubei Yulong Group Jinli New Materials Co., Ltd Recent Developments/Updates

Table 40. ONE WORLD Cable Materials Co., LtdONE WORLD Cable Materials Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 41. ONE WORLD Cable Materials Co., LtdONE WORLD Cable Materials Co., Ltd Major Business

Table 42. ONE WORLD Cable Materials Co., LtdONE WORLD Cable Materials Co., Ltd Non-Metallic Strength Member Product and Services

Table 43. ONE WORLD Cable Materials Co., LtdONE WORLD Cable Materials Co., Ltd Non-Metallic Strength Member Sales Quantity (Million Meters), Average Price (US\$/K Meter), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. ONE WORLD Cable Materials Co., LtdONE WORLD Cable Materials Co., Ltd Recent Developments/Updates

Table 45. Wuxi Kreno Industry Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 46. Wuxi Kreno Industry Co., Ltd Major Business

Table 47. Wuxi Kreno Industry Co., Ltd Non-Metallic Strength Member Product and Services

Table 48. Wuxi Kreno Industry Co., Ltd Non-Metallic Strength Member Sales Quantity (Million Meters), Average Price (US\$/K Meter), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Wuxi Kreno Industry Co., Ltd Recent Developments/Updates

Table 50. JIANGSU DMIS Basic Information, Manufacturing Base and Competitors

Table 51. JIANGSU DMIS Major Business

Table 52. JIANGSU DMIS Non-Metallic Strength Member Product and Services

Table 53. JIANGSU DMIS Non-Metallic Strength Member Sales Quantity (Million Meters), Average Price (US\$/K Meter), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. JIANGSU DMIS Recent Developments/Updates

Table 55. HTL Limited Basic Information, Manufacturing Base and Competitors

Table 56. HTL Limited Major Business

Table 57. HTL Limited Non-Metallic Strength Member Product and Services

Table 58. HTL Limited Non-Metallic Strength Member Sales Quantity (Million Meters), Average Price (US\$/K Meter), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. HTL Limited Recent Developments/Updates

Table 60. Global Non-Metallic Strength Member Sales Quantity by Manufacturer (2021-2026) & (Million Meters)

Table 61. Global Non-Metallic Strength Member Revenue by Manufacturer (2021-2026) & (USD Million)

Table 62. Global Non-Metallic Strength Member Average Price by Manufacturer (2021-2026) & (US\$/K Meter)

Table 63. Market Position of Manufacturers in Non-Metallic Strength Member, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 64. Head Office and Non-Metallic Strength Member Production Site of Key Manufacturer

Table 65. Non-Metallic Strength Member Market: Company Product Type Footprint

Table 66. Non-Metallic Strength Member Market: Company Product Application Footprint

Table 67. Non-Metallic Strength Member New Market Entrants and Barriers to Market Entry

Table 68. Non-Metallic Strength Member Mergers, Acquisition, Agreements, and Collaborations

Table 69. Global Non-Metallic Strength Member Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 70. Global Non-Metallic Strength Member Sales Quantity by Region (2021-2026) & (Million Meters)

Table 71. Global Non-Metallic Strength Member Sales Quantity by Region (2027-2032) & (Million Meters)

Table 72. Global Non-Metallic Strength Member Consumption Value by Region (2021-2026) & (USD Million)

Table 73. Global Non-Metallic Strength Member Consumption Value by Region (2027-2032) & (USD Million)

Table 74. Global Non-Metallic Strength Member Average Price by Region (2021-2026) & (US\$/K Meter)

Table 75. Global Non-Metallic Strength Member Average Price by Region (2027-2032) & (US\$/K Meter)

Table 76. Global Non-Metallic Strength Member Sales Quantity by Material (2021-2026) & (Million Meters)

Table 77. Global Non-Metallic Strength Member Sales Quantity by Material (2027-2032) & (Million Meters)

Table 78. Global Non-Metallic Strength Member Consumption Value by Material (2021-2026) & (USD Million)

Table 79. Global Non-Metallic Strength Member Consumption Value by Material (2027-2032) & (USD Million)

Table 80. Global Non-Metallic Strength Member Average Price by Material (2021-2026) & (US\$/K Meter)

Table 81. Global Non-Metallic Strength Member Average Price by Material (2027-2032) & (US\$/K Meter)

Table 82. Global Non-Metallic Strength Member Sales Quantity by Application (2021-2026) & (Million Meters)

Table 83. Global Non-Metallic Strength Member Sales Quantity by Application (2027-2032) & (Million Meters)

Table 84. Global Non-Metallic Strength Member Consumption Value by Application (2021-2026) & (USD Million)

Table 85. Global Non-Metallic Strength Member Consumption Value by Application

(2027-2032) & (USD Million)

Table 86. Global Non-Metallic Strength Member Average Price by Application

(2021-2026) & (US\$/K Meter)

Table 87. Global Non-Metallic Strength Member Average Price by Application

(2027-2032) & (US\$/K Meter)

Table 88. North America Non-Metallic Strength Member Sales Quantity by Material

(2021-2026) & (Million Meters)

Table 89. North America Non-Metallic Strength Member Sales Quantity by Material

(2027-2032) & (Million Meters)

Table 90. North America Non-Metallic Strength Member Sales Quantity by Application

(2021-2026) & (Million Meters)

Table 91. North America Non-Metallic Strength Member Sales Quantity by Application

(2027-2032) & (Million Meters)

Table 92. North America Non-Metallic Strength Member Sales Quantity by Country

(2021-2026) & (Million Meters)

Table 93. North America Non-Metallic Strength Member Sales Quantity by Country

(2027-2032) & (Million Meters)

Table 94. North America Non-Metallic Strength Member Consumption Value by Country

(2021-2026) & (USD Million)

Table 95. North America Non-Metallic Strength Member Consumption Value by Country

(2027-2032) & (USD Million)

Table 96. Europe Non-Metallic Strength Member Sales Quantity by Material

(2021-2026) & (Million Meters)

Table 97. Europe Non-Metallic Strength Member Sales Quantity by Material

(2027-2032) & (Million Meters)

Table 98. Europe Non-Metallic Strength Member Sales Quantity by Application

(2021-2026) & (Million Meters)

Table 99. Europe Non-Metallic Strength Member Sales Quantity by Application

(2027-2032) & (Million Meters)

Table 100. Europe Non-Metallic Strength Member Sales Quantity by Country

(2021-2026) & (Million Meters)

Table 101. Europe Non-Metallic Strength Member Sales Quantity by Country

(2027-2032) & (Million Meters)

Table 102. Europe Non-Metallic Strength Member Consumption Value by Country

(2021-2026) & (USD Million)

Table 103. Europe Non-Metallic Strength Member Consumption Value by Country

(2027-2032) & (USD Million)

Table 104. Asia-Pacific Non-Metallic Strength Member Sales Quantity by Material

(2021-2026) & (Million Meters)

Table 105. Asia-Pacific Non-Metallic Strength Member Sales Quantity by Material (2027-2032) & (Million Meters)

Table 106. Asia-Pacific Non-Metallic Strength Member Sales Quantity by Application (2021-2026) & (Million Meters)

Table 107. Asia-Pacific Non-Metallic Strength Member Sales Quantity by Application (2027-2032) & (Million Meters)

Table 108. Asia-Pacific Non-Metallic Strength Member Sales Quantity by Region (2021-2026) & (Million Meters)

Table 109. Asia-Pacific Non-Metallic Strength Member Sales Quantity by Region (2027-2032) & (Million Meters)

Table 110. Asia-Pacific Non-Metallic Strength Member Consumption Value by Region (2021-2026) & (USD Million)

Table 111. Asia-Pacific Non-Metallic Strength Member Consumption Value by Region (2027-2032) & (USD Million)

Table 112. South America Non-Metallic Strength Member Sales Quantity by Material (2021-2026) & (Million Meters)

Table 113. South America Non-Metallic Strength Member Sales Quantity by Material (2027-2032) & (Million Meters)

Table 114. South America Non-Metallic Strength Member Sales Quantity by Application (2021-2026) & (Million Meters)

Table 115. South America Non-Metallic Strength Member Sales Quantity by Application (2027-2032) & (Million Meters)

Table 116. South America Non-Metallic Strength Member Sales Quantity by Country (2021-2026) & (Million Meters)

Table 117. South America Non-Metallic Strength Member Sales Quantity by Country (2027-2032) & (Million Meters)

Table 118. South America Non-Metallic Strength Member Consumption Value by Country (2021-2026) & (USD Million)

Table 119. South America Non-Metallic Strength Member Consumption Value by Country (2027-2032) & (USD Million)

Table 120. Middle East & Africa Non-Metallic Strength Member Sales Quantity by Material (2021-2026) & (Million Meters)

Table 121. Middle East & Africa Non-Metallic Strength Member Sales Quantity by Material (2027-2032) & (Million Meters)

Table 122. Middle East & Africa Non-Metallic Strength Member Sales Quantity by Application (2021-2026) & (Million Meters)

Table 123. Middle East & Africa Non-Metallic Strength Member Sales Quantity by Application (2027-2032) & (Million Meters)

Table 124. Middle East & Africa Non-Metallic Strength Member Sales Quantity by

Country (2021-2026) & (Million Meters)

Table 125. Middle East & Africa Non-Metallic Strength Member Sales Quantity by

Country (2027-2032) & (Million Meters)

Table 126. Middle East & Africa Non-Metallic Strength Member Consumption Value by

Country (2021-2026) & (USD Million)

Table 127. Middle East & Africa Non-Metallic Strength Member Consumption Value by

Country (2027-2032) & (USD Million)

Table 128. Non-Metallic Strength Member Raw Material

Table 129. Key Manufacturers of Non-Metallic Strength Member Raw Materials

Table 130. Non-Metallic Strength Member Typical Distributors

Table 131. Non-Metallic Strength Member Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Non-Metallic Strength Member Picture

Figure 2. Global Non-Metallic Strength Member Revenue by Material, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Non-Metallic Strength Member Revenue Market Share by Material in 2025

Figure 4. GFRP Strength Member Examples

Figure 5. KFRP Strength Member Examples

Figure 6. Hybrid Strength Member Examples

Figure 7. Others Examples

Figure 8. Global Non-Metallic Strength Member Revenue by Surface Structure, (USD Million), 2021 & 2025 & 2032

Figure 9. Global Non-Metallic Strength Member Revenue Market Share by Surface Structure in 2025

Figure 10. Bare Rod Type Examples

Figure 11. Coated Rod Type Examples

Figure 12. Others Examples

Figure 13. Global Non-Metallic Strength Member Revenue by Diameter Range, (USD Million), 2021 & 2025 & 2032

Figure 14. Global Non-Metallic Strength Member Revenue Market Share by Diameter Range in 2025

Figure 15. Micro-Diameter(≤ 1.0 mm) Examples

Figure 16. Small-Diameter($>1.0-2.0$ mm) Examples

Figure 17. Medium-Diameter($>2.0-4.0$ mm) Examples

Figure 18. Large-Diameter(>4.0 mm) Examples

Figure 19. Global Non-Metallic Strength Member Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 20. Global Non-Metallic Strength Member Revenue Market Share by Application in 2025

Figure 21. Telecommunication Network Examples

Figure 22. Data Center and Enterprise Examples

Figure 23. Transportation Communication Examples

Figure 24. Industrial and Special Environment Examples

Figure 25. Others Examples

Figure 26. Global Non-Metallic Strength Member Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 27. Global Non-Metallic Strength Member Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 28. Global Non-Metallic Strength Member Sales Quantity (2021-2032) & (Million Meters)

Figure 29. Global Non-Metallic Strength Member Price (2021-2032) & (US\$/K Meter)

Figure 30. Global Non-Metallic Strength Member Sales Quantity Market Share by Manufacturer in 2025

Figure 31. Global Non-Metallic Strength Member Revenue Market Share by Manufacturer in 2025

Figure 32. Producer Shipments of Non-Metallic Strength Member by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 33. Top 3 Non-Metallic Strength Member Manufacturer (Revenue) Market Share in 2025

Figure 34. Top 6 Non-Metallic Strength Member Manufacturer (Revenue) Market Share in 2025

Figure 35. Global Non-Metallic Strength Member Sales Quantity Market Share by Region (2021-2032)

Figure 36. Global Non-Metallic Strength Member Consumption Value Market Share by Region (2021-2032)

Figure 37. North America Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 38. Europe Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 39. Asia-Pacific Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 40. South America Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 41. Middle East & Africa Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 42. Global Non-Metallic Strength Member Sales Quantity Market Share by Material (2021-2032)

Figure 43. Global Non-Metallic Strength Member Consumption Value Market Share by Material (2021-2032)

Figure 44. Global Non-Metallic Strength Member Average Price by Material (2021-2032) & (US\$/K Meter)

Figure 45. Global Non-Metallic Strength Member Sales Quantity Market Share by Application (2021-2032)

Figure 46. Global Non-Metallic Strength Member Revenue Market Share by Application (2021-2032)

Figure 47. Global Non-Metallic Strength Member Average Price by Application (2021-2032) & (US\$/K Meter)

Figure 48. North America Non-Metallic Strength Member Sales Quantity Market Share by Material (2021-2032)

Figure 49. North America Non-Metallic Strength Member Sales Quantity Market Share by Application (2021-2032)

Figure 50. North America Non-Metallic Strength Member Sales Quantity Market Share by Country (2021-2032)

Figure 51. North America Non-Metallic Strength Member Consumption Value Market Share by Country (2021-2032)

Figure 52. United States Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 53. Canada Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 54. Mexico Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 55. Europe Non-Metallic Strength Member Sales Quantity Market Share by Material (2021-2032)

Figure 56. Europe Non-Metallic Strength Member Sales Quantity Market Share by Application (2021-2032)

Figure 57. Europe Non-Metallic Strength Member Sales Quantity Market Share by Country (2021-2032)

Figure 58. Europe Non-Metallic Strength Member Consumption Value Market Share by Country (2021-2032)

Figure 59. Germany Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 60. France Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 61. United Kingdom Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 62. Russia Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 63. Italy Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 64. Asia-Pacific Non-Metallic Strength Member Sales Quantity Market Share by Material (2021-2032)

Figure 65. Asia-Pacific Non-Metallic Strength Member Sales Quantity Market Share by Application (2021-2032)

Figure 66. Asia-Pacific Non-Metallic Strength Member Sales Quantity Market Share by

Region (2021-2032)

Figure 67. Asia-Pacific Non-Metallic Strength Member Consumption Value Market Share by Region (2021-2032)

Figure 68. China Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 69. Japan Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 70. South Korea Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 71. India Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 72. Southeast Asia Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 73. Australia Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 74. South America Non-Metallic Strength Member Sales Quantity Market Share by Material (2021-2032)

Figure 75. South America Non-Metallic Strength Member Sales Quantity Market Share by Application (2021-2032)

Figure 76. South America Non-Metallic Strength Member Sales Quantity Market Share by Country (2021-2032)

Figure 77. South America Non-Metallic Strength Member Consumption Value Market Share by Country (2021-2032)

Figure 78. Brazil Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 79. Argentina Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 80. Middle East & Africa Non-Metallic Strength Member Sales Quantity Market Share by Material (2021-2032)

Figure 81. Middle East & Africa Non-Metallic Strength Member Sales Quantity Market Share by Application (2021-2032)

Figure 82. Middle East & Africa Non-Metallic Strength Member Sales Quantity Market Share by Country (2021-2032)

Figure 83. Middle East & Africa Non-Metallic Strength Member Consumption Value Market Share by Country (2021-2032)

Figure 84. Turkey Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 85. Egypt Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 86. Saudi Arabia Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 87. South Africa Non-Metallic Strength Member Consumption Value (2021-2032) & (USD Million)

Figure 88. Non-Metallic Strength Member Market Drivers

Figure 89. Non-Metallic Strength Member Market Restraints

Figure 90. Non-Metallic Strength Member Market Trends

Figure 91. Porters Five Forces Analysis

Figure 92. Manufacturing Cost Structure Analysis of Non-Metallic Strength Member in 2025

Figure 93. Manufacturing Process Analysis of Non-Metallic Strength Member

Figure 94. Non-Metallic Strength Member Industrial Chain

Figure 95. Sales Channel: Direct to End-User vs Distributors

Figure 96. Direct Channel Pros & Cons

Figure 97. Indirect Channel Pros & Cons

Figure 98. Methodology

Figure 99. Research Process and Data Source

I would like to order

Product name: Global Shortwave Infrared Continuous Zoom Lens Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G8CC91DD3864EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G8CC91DD3864EN.html>