

Global Optical Lenses for Infrared Equipment Market Growth 2023-2029

https://marketpublishers.com/r/GBC638ADCFEFEN.html

Date: March 2023

Pages: 100

Price: US\$ 3,660.00 (Single User License)

ID: GBC638ADCFEFEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Optical Lenses for Infrared Equipment market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Optical Lenses for Infrared Equipment is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Optical Lenses for Infrared Equipment is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Optical Lenses for Infrared Equipment is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Optical Lenses for Infrared Equipment players cover Umicore, Edmund Optics, Sumitomo Electric Industries, Ltd., RP Photonics, Teledyne, Sunny Optical Technology (Group) Company Limited, Opto Engineering, TAMRON Co.,Ltd. and Ophir Optronics Solutions Ltd., etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

Optical Lenses for Infrared Equipment,s it uses a special optical glass material and the latest optical design methods to eliminate the focal plane shift between visible and infrared light, so that light from the visible to the infrared region can be imaged in the same focal plane, making both images clear. In addition, IR infrared lenses also use a



special multi-layer coating technology to increase the transmission rate of infrared light, so cameras with IR lenses can monitor farther and better at night than cameras with ordinary lenses.

LPI (LP Information)' newest research report, the "Optical Lenses for Infrared Equipment Industry Forecast" looks at past sales and reviews total world Optical Lenses for Infrared Equipment sales in 2022, providing a comprehensive analysis by region and market sector of projected Optical Lenses for Infrared Equipment sales for 2023 through 2029. With Optical Lenses for Infrared Equipment sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Optical Lenses for Infrared Equipment industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Optical Lenses for Infrared Equipment 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 Optical Lenses for Infrared Equipment.

This report presents a comprehensive overview, market shares, and growth opportunities of Optical Lenses for Infrared Equipment market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Fixed Focus



Manual Focusing		
Motorised Focus		
Other		
Segmentation by application		
Mechanical Engineering		
Automotive		
Aeronautics		
Marine		
Oil And Gas		
Chemical Industrial		
Medical		
Electrical		
This report also splits the market by region:		
Americas		
United States		
Canada		
Mexico		
Brazil		

APAC



(China
	Japan
I	Korea
:	Southeast Asia
1	India
,	Australia
Europe	
(Germany
İ	France
Į	UK
I	Italy
I	Russia
Middle I	East & Africa
I	Egypt
;	South Africa
1	Israel
-	Turkey
(GCC Countries

The below companies that are profiled have been selected based on inputs gathered



from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Umicore

Edmund Optics

Sumitomo Electric Industries, Ltd.

RP Photonics

Teledyne

Sunny Optical Technology (Group) Company Limited

Opto Engineering

TAMRON Co.,Ltd.

Ophir Optronics Solutions Ltd.

North Night Vision Technology Research Institute Group Co., Ltd

LightPath Technologies

Phenix Optics Company Limited

Key Questions Addressed in this Report

What is the 10-year outlook for the global Optical Lenses for Infrared Equipment market?

What factors are driving Optical Lenses for Infrared Equipment market growth, globally and by region?

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

How do Optical Lenses for Infrared Equipment market opportunities vary by end market



size?

How does Optical Lenses for Infrared Equipment break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?



Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Optical Lenses for Infrared Equipment Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Optical Lenses for Infrared Equipment by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Optical Lenses for Infrared Equipment by Country/Region, 2018, 2022 & 2029
- 2.2 Optical Lenses for Infrared Equipment Segment by Type
 - 2.2.1 Fixed Focus
 - 2.2.2 Manual Focusing
 - 2.2.3 Motorised Focus
 - 2.2.4 Other
- 2.3 Optical Lenses for Infrared Equipment Sales by Type
- 2.3.1 Global Optical Lenses for Infrared Equipment Sales Market Share by Type (2018-2023)
- 2.3.2 Global Optical Lenses for Infrared Equipment Revenue and Market Share by Type (2018-2023)
- 2.3.3 Global Optical Lenses for Infrared Equipment Sale Price by Type (2018-2023)
- 2.4 Optical Lenses for Infrared Equipment Segment by Application
 - 2.4.1 Mechanical Engineering
 - 2.4.2 Automotive
 - 2.4.3 Aeronautics
 - 2.4.4 Marine
 - 2.4.5 Oil And Gas
 - 2.4.6 Chemical Industrial



- 2.4.7 Medical
- 2.4.8 Electrical
- 2.5 Optical Lenses for Infrared Equipment Sales by Application
- 2.5.1 Global Optical Lenses for Infrared Equipment Sale Market Share by Application (2018-2023)
- 2.5.2 Global Optical Lenses for Infrared Equipment Revenue and Market Share by Application (2018-2023)
- 2.5.3 Global Optical Lenses for Infrared Equipment Sale Price by Application (2018-2023)

3 GLOBAL OPTICAL LENSES FOR INFRARED EQUIPMENT BY COMPANY

- 3.1 Global Optical Lenses for Infrared Equipment Breakdown Data by Company
- 3.1.1 Global Optical Lenses for Infrared Equipment Annual Sales by Company (2018-2023)
- 3.1.2 Global Optical Lenses for Infrared Equipment Sales Market Share by Company (2018-2023)
- 3.2 Global Optical Lenses for Infrared Equipment Annual Revenue by Company (2018-2023)
 - 3.2.1 Global Optical Lenses for Infrared Equipment Revenue by Company (2018-2023)
- 3.2.2 Global Optical Lenses for Infrared Equipment Revenue Market Share by Company (2018-2023)
- 3.3 Global Optical Lenses for Infrared Equipment Sale Price by Company
- 3.4 Key Manufacturers Optical Lenses for Infrared Equipment Producing Area Distribution, Sales Area, Product Type
- 3.4.1 Key Manufacturers Optical Lenses for Infrared Equipment Product Location Distribution
- 3.4.2 Players Optical Lenses for Infrared Equipment Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR OPTICAL LENSES FOR INFRARED EQUIPMENT BY GEOGRAPHIC REGION

4.1 World Historic Optical Lenses for Infrared Equipment Market Size by Geographic Region (2018-2023)



- 4.1.1 Global Optical Lenses for Infrared Equipment Annual Sales by Geographic Region (2018-2023)
- 4.1.2 Global Optical Lenses for Infrared Equipment Annual Revenue by Geographic Region (2018-2023)
- 4.2 World Historic Optical Lenses for Infrared Equipment Market Size by Country/Region (2018-2023)
- 4.2.1 Global Optical Lenses for Infrared Equipment Annual Sales by Country/Region (2018-2023)
- 4.2.2 Global Optical Lenses for Infrared Equipment Annual Revenue by Country/Region (2018-2023)
- 4.3 Americas Optical Lenses for Infrared Equipment Sales Growth
- 4.4 APAC Optical Lenses for Infrared Equipment Sales Growth
- 4.5 Europe Optical Lenses for Infrared Equipment Sales Growth
- 4.6 Middle East & Africa Optical Lenses for Infrared Equipment Sales Growth

5 AMERICAS

- 5.1 Americas Optical Lenses for Infrared Equipment Sales by Country
 - 5.1.1 Americas Optical Lenses for Infrared Equipment Sales by Country (2018-2023)
- 5.1.2 Americas Optical Lenses for Infrared Equipment Revenue by Country (2018-2023)
- 5.2 Americas Optical Lenses for Infrared Equipment Sales by Type
- 5.3 Americas Optical Lenses for Infrared Equipment Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Optical Lenses for Infrared Equipment Sales by Region
- 6.1.1 APAC Optical Lenses for Infrared Equipment Sales by Region (2018-2023)
- 6.1.2 APAC Optical Lenses for Infrared Equipment Revenue by Region (2018-2023)
- 6.2 APAC Optical Lenses for Infrared Equipment Sales by Type
- 6.3 APAC Optical Lenses for Infrared Equipment Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia



- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Optical Lenses for Infrared Equipment by Country
- 7.1.1 Europe Optical Lenses for Infrared Equipment Sales by Country (2018-2023)
- 7.1.2 Europe Optical Lenses for Infrared Equipment Revenue by Country (2018-2023)
- 7.2 Europe Optical Lenses for Infrared Equipment Sales by Type
- 7.3 Europe Optical Lenses for Infrared Equipment Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Optical Lenses for Infrared Equipment by Country
- 8.1.1 Middle East & Africa Optical Lenses for Infrared Equipment Sales by Country (2018-2023)
- 8.1.2 Middle East & Africa Optical Lenses for Infrared Equipment Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Optical Lenses for Infrared Equipment Sales by Type
- 8.3 Middle East & Africa Optical Lenses for Infrared Equipment Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS



- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Optical Lenses for Infrared Equipment
- 10.3 Manufacturing Process Analysis of Optical Lenses for Infrared Equipment
- 10.4 Industry Chain Structure of Optical Lenses for Infrared Equipment

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Optical Lenses for Infrared Equipment Distributors
- 11.3 Optical Lenses for Infrared Equipment Customer

12 WORLD FORECAST REVIEW FOR OPTICAL LENSES FOR INFRARED EQUIPMENT BY GEOGRAPHIC REGION

- 12.1 Global Optical Lenses for Infrared Equipment Market Size Forecast by Region
- 12.1.1 Global Optical Lenses for Infrared Equipment Forecast by Region (2024-2029)
- 12.1.2 Global Optical Lenses for Infrared Equipment Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Optical Lenses for Infrared Equipment Forecast by Type
- 12.7 Global Optical Lenses for Infrared Equipment Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 Umicore
 - 13.1.1 Umicore Company Information
- 13.1.2 Umicore Optical Lenses for Infrared Equipment Product Portfolios and Specifications
- 13.1.3 Umicore Optical Lenses for Infrared Equipment Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.1.4 Umicore Main Business Overview
 - 13.1.5 Umicore Latest Developments
- 13.2 Edmund Optics



- 13.2.1 Edmund Optics Company Information
- 13.2.2 Edmund Optics Optical Lenses for Infrared Equipment Product Portfolios and Specifications
- 13.2.3 Edmund Optics Optical Lenses for Infrared Equipment Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.2.4 Edmund Optics Main Business Overview
 - 13.2.5 Edmund Optics Latest Developments
- 13.3 Sumitomo Electric Industries, Ltd.
 - 13.3.1 Sumitomo Electric Industries, Ltd. Company Information
- 13.3.2 Sumitomo Electric Industries, Ltd. Optical Lenses for Infrared Equipment Product Portfolios and Specifications
- 13.3.3 Sumitomo Electric Industries, Ltd. Optical Lenses for Infrared Equipment Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.3.4 Sumitomo Electric Industries, Ltd. Main Business Overview
- 13.3.5 Sumitomo Electric Industries, Ltd. Latest Developments
- 13.4 RP Photonics
 - 13.4.1 RP Photonics Company Information
- 13.4.2 RP Photonics Optical Lenses for Infrared Equipment Product Portfolios and Specifications
- 13.4.3 RP Photonics Optical Lenses for Infrared Equipment Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.4.4 RP Photonics Main Business Overview
 - 13.4.5 RP Photonics Latest Developments
- 13.5 Teledyne
 - 13.5.1 Teledyne Company Information
- 13.5.2 Teledyne Optical Lenses for Infrared Equipment Product Portfolios and Specifications
- 13.5.3 Teledyne Optical Lenses for Infrared Equipment Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.5.4 Teledyne Main Business Overview
 - 13.5.5 Teledyne Latest Developments
- 13.6 Sunny Optical Technology (Group) Company Limited
 - 13.6.1 Sunny Optical Technology (Group) Company Limited Company Information
- 13.6.2 Sunny Optical Technology (Group) Company Limited Optical Lenses for Infrared Equipment Product Portfolios and Specifications
- 13.6.3 Sunny Optical Technology (Group) Company Limited Optical Lenses for Infrared Equipment Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.6.4 Sunny Optical Technology (Group) Company Limited Main Business Overview
 - 13.6.5 Sunny Optical Technology (Group) Company Limited Latest Developments



- 13.7 Opto Engineering
 - 13.7.1 Opto Engineering Company Information
- 13.7.2 Opto Engineering Optical Lenses for Infrared Equipment Product Portfolios and Specifications
- 13.7.3 Opto Engineering Optical Lenses for Infrared Equipment Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.7.4 Opto Engineering Main Business Overview
 - 13.7.5 Opto Engineering Latest Developments
- 13.8 TAMRON Co.,Ltd.
- 13.8.1 TAMRON Co., Ltd. Company Information
- 13.8.2 TAMRON Co.,Ltd. Optical Lenses for Infrared Equipment Product Portfolios and Specifications
- 13.8.3 TAMRON Co.,Ltd. Optical Lenses for Infrared Equipment Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.8.4 TAMRON Co., Ltd. Main Business Overview
 - 13.8.5 TAMRON Co., Ltd. Latest Developments
- 13.9 Ophir Optronics Solutions Ltd.
 - 13.9.1 Ophir Optronics Solutions Ltd. Company Information
- 13.9.2 Ophir Optronics Solutions Ltd. Optical Lenses for Infrared Equipment Product Portfolios and Specifications
- 13.9.3 Ophir Optronics Solutions Ltd. Optical Lenses for Infrared Equipment Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.9.4 Ophir Optronics Solutions Ltd. Main Business Overview
 - 13.9.5 Ophir Optronics Solutions Ltd. Latest Developments
- 13.10 North Night Vision Technology Research Institute Group Co., Ltd
- 13.10.1 North Night Vision Technology Research Institute Group Co., Ltd Company Information
- 13.10.2 North Night Vision Technology Research Institute Group Co., Ltd Optical Lenses for Infrared Equipment Product Portfolios and Specifications
- 13.10.3 North Night Vision Technology Research Institute Group Co., Ltd Optical Lenses for Infrared Equipment Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.10.4 North Night Vision Technology Research Institute Group Co., Ltd Main Business Overview
- 13.10.5 North Night Vision Technology Research Institute Group Co., Ltd Latest Developments
- 13.11 LightPath Technologies
 - 13.11.1 LightPath Technologies Company Information
- 13.11.2 LightPath Technologies Optical Lenses for Infrared Equipment Product Portfolios and Specifications



- 13.11.3 LightPath Technologies Optical Lenses for Infrared Equipment Sales,
- Revenue, Price and Gross Margin (2018-2023)
 - 13.11.4 LightPath Technologies Main Business Overview
 - 13.11.5 LightPath Technologies Latest Developments
- 13.12 Phenix Optics Company Limited
 - 13.12.1 Phenix Optics Company Limited Company Information
- 13.12.2 Phenix Optics Company Limited Optical Lenses for Infrared Equipment
- Product Portfolios and Specifications
- 13.12.3 Phenix Optics Company Limited Optical Lenses for Infrared Equipment Sales,
- Revenue, Price and Gross Margin (2018-2023)
 - 13.12.4 Phenix Optics Company Limited Main Business Overview
 - 13.12.5 Phenix Optics Company Limited Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION



List Of Tables

LIST OF TABLES

Table 1. Optical Lenses for Infrared Equipment Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Optical Lenses for Infrared Equipment Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Fixed Focus

Table 4. Major Players of Manual Focusing

Table 5. Major Players of Motorised Focus

Table 6. Major Players of Other

Table 7. Global Optical Lenses for Infrared Equipment Sales by Type (2018-2023) & (Units)

Table 8. Global Optical Lenses for Infrared Equipment Sales Market Share by Type (2018-2023)

Table 9. Global Optical Lenses for Infrared Equipment Revenue by Type (2018-2023) & (\$ million)

Table 10. Global Optical Lenses for Infrared Equipment Revenue Market Share by Type (2018-2023)

Table 11. Global Optical Lenses for Infrared Equipment Sale Price by Type (2018-2023) & (US\$/Unit)

Table 12. Global Optical Lenses for Infrared Equipment Sales by Application (2018-2023) & (Units)

Table 13. Global Optical Lenses for Infrared Equipment Sales Market Share by Application (2018-2023)

Table 14. Global Optical Lenses for Infrared Equipment Revenue by Application (2018-2023)

Table 15. Global Optical Lenses for Infrared Equipment Revenue Market Share by Application (2018-2023)

Table 16. Global Optical Lenses for Infrared Equipment Sale Price by Application (2018-2023) & (US\$/Unit)

Table 17. Global Optical Lenses for Infrared Equipment Sales by Company (2018-2023) & (Units)

Table 18. Global Optical Lenses for Infrared Equipment Sales Market Share by Company (2018-2023)

Table 19. Global Optical Lenses for Infrared Equipment Revenue by Company (2018-2023) (\$ Millions)

Table 20. Global Optical Lenses for Infrared Equipment Revenue Market Share by



Company (2018-2023)

Table 21. Global Optical Lenses for Infrared Equipment Sale Price by Company (2018-2023) & (US\$/Unit)

Table 22. Key Manufacturers Optical Lenses for Infrared Equipment Producing Area Distribution and Sales Area

Table 23. Players Optical Lenses for Infrared Equipment Products Offered

Table 24. Optical Lenses for Infrared Equipment Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 25. New Products and Potential Entrants

Table 26. Mergers & Acquisitions, Expansion

Table 27. Global Optical Lenses for Infrared Equipment Sales by Geographic Region (2018-2023) & (Units)

Table 28. Global Optical Lenses for Infrared Equipment Sales Market Share Geographic Region (2018-2023)

Table 29. Global Optical Lenses for Infrared Equipment Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 30. Global Optical Lenses for Infrared Equipment Revenue Market Share by Geographic Region (2018-2023)

Table 31. Global Optical Lenses for Infrared Equipment Sales by Country/Region (2018-2023) & (Units)

Table 32. Global Optical Lenses for Infrared Equipment Sales Market Share by Country/Region (2018-2023)

Table 33. Global Optical Lenses for Infrared Equipment Revenue by Country/Region (2018-2023) & (\$ millions)

Table 34. Global Optical Lenses for Infrared Equipment Revenue Market Share by Country/Region (2018-2023)

Table 35. Americas Optical Lenses for Infrared Equipment Sales by Country (2018-2023) & (Units)

Table 36. Americas Optical Lenses for Infrared Equipment Sales Market Share by Country (2018-2023)

Table 37. Americas Optical Lenses for Infrared Equipment Revenue by Country (2018-2023) & (\$ Millions)

Table 38. Americas Optical Lenses for Infrared Equipment Revenue Market Share by Country (2018-2023)

Table 39. Americas Optical Lenses for Infrared Equipment Sales by Type (2018-2023) & (Units)

Table 40. Americas Optical Lenses for Infrared Equipment Sales by Application (2018-2023) & (Units)

Table 41. APAC Optical Lenses for Infrared Equipment Sales by Region (2018-2023) &



(Units)

Table 42. APAC Optical Lenses for Infrared Equipment Sales Market Share by Region (2018-2023)

Table 43. APAC Optical Lenses for Infrared Equipment Revenue by Region (2018-2023) & (\$ Millions)

Table 44. APAC Optical Lenses for Infrared Equipment Revenue Market Share by Region (2018-2023)

Table 45. APAC Optical Lenses for Infrared Equipment Sales by Type (2018-2023) & (Units)

Table 46. APAC Optical Lenses for Infrared Equipment Sales by Application (2018-2023) & (Units)

Table 47. Europe Optical Lenses for Infrared Equipment Sales by Country (2018-2023) & (Units)

Table 48. Europe Optical Lenses for Infrared Equipment Sales Market Share by Country (2018-2023)

Table 49. Europe Optical Lenses for Infrared Equipment Revenue by Country (2018-2023) & (\$ Millions)

Table 50. Europe Optical Lenses for Infrared Equipment Revenue Market Share by Country (2018-2023)

Table 51. Europe Optical Lenses for Infrared Equipment Sales by Type (2018-2023) & (Units)

Table 52. Europe Optical Lenses for Infrared Equipment Sales by Application (2018-2023) & (Units)

Table 53. Middle East & Africa Optical Lenses for Infrared Equipment Sales by Country (2018-2023) & (Units)

Table 54. Middle East & Africa Optical Lenses for Infrared Equipment Sales Market Share by Country (2018-2023)

Table 55. Middle East & Africa Optical Lenses for Infrared Equipment Revenue by Country (2018-2023) & (\$ Millions)

Table 56. Middle East & Africa Optical Lenses for Infrared Equipment Revenue Market Share by Country (2018-2023)

Table 57. Middle East & Africa Optical Lenses for Infrared Equipment Sales by Type (2018-2023) & (Units)

Table 58. Middle East & Africa Optical Lenses for Infrared Equipment Sales by Application (2018-2023) & (Units)

Table 59. Key Market Drivers & Growth Opportunities of Optical Lenses for Infrared Equipment

Table 60. Key Market Challenges & Risks of Optical Lenses for Infrared Equipment Table 61. Key Industry Trends of Optical Lenses for Infrared Equipment



- Table 62. Optical Lenses for Infrared Equipment Raw Material
- Table 63. Key Suppliers of Raw Materials
- Table 64. Optical Lenses for Infrared Equipment Distributors List
- Table 65. Optical Lenses for Infrared Equipment Customer List
- Table 66. Global Optical Lenses for Infrared Equipment Sales Forecast by Region (2024-2029) & (Units)
- Table 67. Global Optical Lenses for Infrared Equipment Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 68. Americas Optical Lenses for Infrared Equipment Sales Forecast by Country (2024-2029) & (Units)
- Table 69. Americas Optical Lenses for Infrared Equipment Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 70. APAC Optical Lenses for Infrared Equipment Sales Forecast by Region (2024-2029) & (Units)
- Table 71. APAC Optical Lenses for Infrared Equipment Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 72. Europe Optical Lenses for Infrared Equipment Sales Forecast by Country (2024-2029) & (Units)
- Table 73. Europe Optical Lenses for Infrared Equipment Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 74. Middle East & Africa Optical Lenses for Infrared Equipment Sales Forecast by Country (2024-2029) & (Units)
- Table 75. Middle East & Africa Optical Lenses for Infrared Equipment Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 76. Global Optical Lenses for Infrared Equipment Sales Forecast by Type (2024-2029) & (Units)
- Table 77. Global Optical Lenses for Infrared Equipment Revenue Forecast by Type (2024-2029) & (\$ Millions)
- Table 78. Global Optical Lenses for Infrared Equipment Sales Forecast by Application (2024-2029) & (Units)
- Table 79. Global Optical Lenses for Infrared Equipment Revenue Forecast by Application (2024-2029) & (\$ Millions)
- Table 80. Umicore Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors
- Table 81. Umicore Optical Lenses for Infrared Equipment Product Portfolios and Specifications
- Table 82. Umicore Optical Lenses for Infrared Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 83. Umicore Main Business



Table 84. Umicore Latest Developments

Table 85. Edmund Optics Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors

Table 86. Edmund Optics Optical Lenses for Infrared Equipment Product Portfolios and Specifications

Table 87. Edmund Optics Optical Lenses for Infrared Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 88. Edmund Optics Main Business

Table 89. Edmund Optics Latest Developments

Table 90. Sumitomo Electric Industries, Ltd. Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors

Table 91. Sumitomo Electric Industries, Ltd. Optical Lenses for Infrared Equipment Product Portfolios and Specifications

Table 92. Sumitomo Electric Industries, Ltd. Optical Lenses for Infrared Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 93. Sumitomo Electric Industries, Ltd. Main Business

Table 94. Sumitomo Electric Industries, Ltd. Latest Developments

Table 95. RP Photonics Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors

Table 96. RP Photonics Optical Lenses for Infrared Equipment Product Portfolios and Specifications

Table 97. RP Photonics Optical Lenses for Infrared Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 98. RP Photonics Main Business

Table 99. RP Photonics Latest Developments

Table 100. Teledyne Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors

Table 101. Teledyne Optical Lenses for Infrared Equipment Product Portfolios and Specifications

Table 102. Teledyne Optical Lenses for Infrared Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 103. Teledyne Main Business

Table 104. Teledyne Latest Developments

Table 105. Sunny Optical Technology (Group) Company Limited Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors

Table 106. Sunny Optical Technology (Group) Company Limited Optical Lenses for Infrared Equipment Product Portfolios and Specifications

Table 107. Sunny Optical Technology (Group) Company Limited Optical Lenses for



Infrared Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 108. Sunny Optical Technology (Group) Company Limited Main Business

Table 109. Sunny Optical Technology (Group) Company Limited Latest Developments

Table 110. Opto Engineering Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors

Table 111. Opto Engineering Optical Lenses for Infrared Equipment Product Portfolios and Specifications

Table 112. Opto Engineering Optical Lenses for Infrared Equipment Sales (Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 113. Opto Engineering Main Business

Table 114. Opto Engineering Latest Developments

Table 115. TAMRON Co.,Ltd. Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors

Table 116. TAMRON Co.,Ltd. Optical Lenses for Infrared Equipment Product Portfolios and Specifications

Table 117. TAMRON Co., Ltd. Optical Lenses for Infrared Equipment Sales (Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 118. TAMRON Co.,Ltd. Main Business

Table 119. TAMRON Co.,Ltd. Latest Developments

Table 120. Ophir Optronics Solutions Ltd. Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors

Table 121. Ophir Optronics Solutions Ltd. Optical Lenses for Infrared Equipment Product Portfolios and Specifications

Table 122. Ophir Optronics Solutions Ltd. Optical Lenses for Infrared Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 123. Ophir Optronics Solutions Ltd. Main Business

Table 124. Ophir Optronics Solutions Ltd. Latest Developments

Table 125. North Night Vision Technology Research Institute Group Co., Ltd Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors

Table 126. North Night Vision Technology Research Institute Group Co., Ltd Optical Lenses for Infrared Equipment Product Portfolios and Specifications

Table 127. North Night Vision Technology Research Institute Group Co., Ltd Optical Lenses for Infrared Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 128. North Night Vision Technology Research Institute Group Co., Ltd Main Business

Table 129. North Night Vision Technology Research Institute Group Co., Ltd Latest



Developments

Table 130. LightPath Technologies Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors

Table 131. LightPath Technologies Optical Lenses for Infrared Equipment Product Portfolios and Specifications

Table 132. LightPath Technologies Optical Lenses for Infrared Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 133. LightPath Technologies Main Business

Table 134. LightPath Technologies Latest Developments

Table 135. Phenix Optics Company Limited Basic Information, Optical Lenses for Infrared Equipment Manufacturing Base, Sales Area and Its Competitors

Table 136. Phenix Optics Company Limited Optical Lenses for Infrared Equipment Product Portfolios and Specifications

Table 137. Phenix Optics Company Limited Optical Lenses for Infrared Equipment Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 138. Phenix Optics Company Limited Main Business

Table 139. Phenix Optics Company Limited Latest Developments



List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Optical Lenses for Infrared Equipment
- Figure 2. Optical Lenses for Infrared Equipment Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Optical Lenses for Infrared Equipment Sales Growth Rate 2018-2029 (Units)
- Figure 7. Global Optical Lenses for Infrared Equipment Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Optical Lenses for Infrared Equipment Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Fixed Focus
- Figure 10. Product Picture of Manual Focusing
- Figure 11. Product Picture of Motorised Focus
- Figure 12. Product Picture of Other
- Figure 13. Global Optical Lenses for Infrared Equipment Sales Market Share by Type in 2022
- Figure 14. Global Optical Lenses for Infrared Equipment Revenue Market Share by Type (2018-2023)
- Figure 15. Optical Lenses for Infrared Equipment Consumed in Mechanical Engineering
- Figure 16. Global Optical Lenses for Infrared Equipment Market: Mechanical Engineering (2018-2023) & (Units)
- Figure 17. Optical Lenses for Infrared Equipment Consumed in Automotive
- Figure 18. Global Optical Lenses for Infrared Equipment Market: Automotive (2018-2023) & (Units)
- Figure 19. Optical Lenses for Infrared Equipment Consumed in Aeronautics
- Figure 20. Global Optical Lenses for Infrared Equipment Market: Aeronautics (2018-2023) & (Units)
- Figure 21. Optical Lenses for Infrared Equipment Consumed in Marine
- Figure 22. Global Optical Lenses for Infrared Equipment Market: Marine (2018-2023) & (Units)
- Figure 23. Optical Lenses for Infrared Equipment Consumed in Oil And Gas
- Figure 24. Global Optical Lenses for Infrared Equipment Market: Oil And Gas (2018-2023) & (Units)
- Figure 25. Optical Lenses for Infrared Equipment Consumed in Chemical Industrial



- Figure 26. Global Optical Lenses for Infrared Equipment Market: Chemical Industrial (2018-2023) & (Units)
- Figure 27. Optical Lenses for Infrared Equipment Consumed in Medical
- Figure 28. Global Optical Lenses for Infrared Equipment Market: Medical (2018-2023) & (Units)
- Figure 29. Optical Lenses for Infrared Equipment Consumed in Electrical
- Figure 30. Global Optical Lenses for Infrared Equipment Market: Electrical (2018-2023) & (Units)
- Figure 31. Global Optical Lenses for Infrared Equipment Sales Market Share by Application (2022)
- Figure 32. Global Optical Lenses for Infrared Equipment Revenue Market Share by Application in 2022
- Figure 33. Optical Lenses for Infrared Equipment Sales Market by Company in 2022 (Units)
- Figure 34. Global Optical Lenses for Infrared Equipment Sales Market Share by Company in 2022
- Figure 35. Optical Lenses for Infrared Equipment Revenue Market by Company in 2022 (\$ Million)
- Figure 36. Global Optical Lenses for Infrared Equipment Revenue Market Share by Company in 2022
- Figure 37. Global Optical Lenses for Infrared Equipment Sales Market Share by Geographic Region (2018-2023)
- Figure 38. Global Optical Lenses for Infrared Equipment Revenue Market Share by Geographic Region in 2022
- Figure 39. Americas Optical Lenses for Infrared Equipment Sales 2018-2023 (Units)
- Figure 40. Americas Optical Lenses for Infrared Equipment Revenue 2018-2023 (\$ Millions)
- Figure 41. APAC Optical Lenses for Infrared Equipment Sales 2018-2023 (Units)
- Figure 42. APAC Optical Lenses for Infrared Equipment Revenue 2018-2023 (\$ Millions)
- Figure 43. Europe Optical Lenses for Infrared Equipment Sales 2018-2023 (Units)
- Figure 44. Europe Optical Lenses for Infrared Equipment Revenue 2018-2023 (\$ Millions)
- Figure 45. Middle East & Africa Optical Lenses for Infrared Equipment Sales 2018-2023 (Units)
- Figure 46. Middle East & Africa Optical Lenses for Infrared Equipment Revenue 2018-2023 (\$ Millions)
- Figure 47. Americas Optical Lenses for Infrared Equipment Sales Market Share by Country in 2022



Figure 48. Americas Optical Lenses for Infrared Equipment Revenue Market Share by Country in 2022

Figure 49. Americas Optical Lenses for Infrared Equipment Sales Market Share by Type (2018-2023)

Figure 50. Americas Optical Lenses for Infrared Equipment Sales Market Share by Application (2018-2023)

Figure 51. United States Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 52. Canada Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 53. Mexico Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Brazil Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 55. APAC Optical Lenses for Infrared Equipment Sales Market Share by Region in 2022

Figure 56. APAC Optical Lenses for Infrared Equipment Revenue Market Share by Regions in 2022

Figure 57. APAC Optical Lenses for Infrared Equipment Sales Market Share by Type (2018-2023)

Figure 58. APAC Optical Lenses for Infrared Equipment Sales Market Share by Application (2018-2023)

Figure 59. China Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 60. Japan Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 61. South Korea Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Southeast Asia Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 63. India Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 64. Australia Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 65. China Taiwan Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 66. Europe Optical Lenses for Infrared Equipment Sales Market Share by Country in 2022

Figure 67. Europe Optical Lenses for Infrared Equipment Revenue Market Share by



Country in 2022

Figure 68. Europe Optical Lenses for Infrared Equipment Sales Market Share by Type (2018-2023)

Figure 69. Europe Optical Lenses for Infrared Equipment Sales Market Share by Application (2018-2023)

Figure 70. Germany Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 71. France Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 72. UK Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 73. Italy Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 74. Russia Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 75. Middle East & Africa Optical Lenses for Infrared Equipment Sales Market Share by Country in 2022

Figure 76. Middle East & Africa Optical Lenses for Infrared Equipment Revenue Market Share by Country in 2022

Figure 77. Middle East & Africa Optical Lenses for Infrared Equipment Sales Market Share by Type (2018-2023)

Figure 78. Middle East & Africa Optical Lenses for Infrared Equipment Sales Market Share by Application (2018-2023)

Figure 79. Egypt Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 80. South Africa Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 81. Israel Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 82. Turkey Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 83. GCC Country Optical Lenses for Infrared Equipment Revenue Growth 2018-2023 (\$ Millions)

Figure 84. Manufacturing Cost Structure Analysis of Optical Lenses for Infrared Equipment in 2022

Figure 85. Manufacturing Process Analysis of Optical Lenses for Infrared Equipment

Figure 86. Industry Chain Structure of Optical Lenses for Infrared Equipment

Figure 87. Channels of Distribution

Figure 88. Global Optical Lenses for Infrared Equipment Sales Market Forecast by



Region (2024-2029)

Figure 89. Global Optical Lenses for Infrared Equipment Revenue Market Share Forecast by Region (2024-2029)

Figure 90. Global Optical Lenses for Infrared Equipment Sales Market Share Forecast by Type (2024-2029)

Figure 91. Global Optical Lenses for Infrared Equipment Revenue Market Share Forecast by Type (2024-2029)

Figure 92. Global Optical Lenses for Infrared Equipment Sales Market Share Forecast by Application (2024-2029)

Figure 93. Global Optical Lenses for Infrared Equipment Revenue Market Share Forecast by Application (2024-2029)



I would like to order

Product name: Global Optical Lenses for Infrared Equipment Market Growth 2023-2029

Product link: https://marketpublishers.com/r/GBC638ADCFEFEN.html

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GBC638ADCFEFEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last Haine.	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970