

Global Online Monitoring IR Thermal Imagers Market Growth 2026-2032

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Abstracts

The global Online Monitoring IR Thermal Imagers market size is predicted to grow from US\$ 1813 million in 2025 to US\$ 2464 million in 2032; it is expected to grow at a CAGR of 4.6% from 2026 to 2032.

The Online Monitoring IR Thermal Imager is a device that utilizes infrared thermography technology to detect the infrared radiation of a target object. Through signal processing, photoelectric conversion, and other means, it converts the temperature distribution of the target object into a visible image. This camera allows for 365?24-hour real-time monitoring of the target, providing data visualization images of its operating status. This enables quick and clear understanding of the dynamic characteristics and operational status of the monitored object.

United States market for Online Monitoring IR Thermal Imagers 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 Online Monitoring IR Thermal Imagers 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 Online Monitoring IR Thermal Imagers is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Online Monitoring IR Thermal Imagers players cover Teledyne FLIR, Lockheed Martin, L3Harris Technologies, Testo, Exosens, 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 "Online Monitoring IR Thermal Imagers Industry Forecast" looks at past sales and reviews total world Online Monitoring IR Thermal Imagers sales in 2025, providing a comprehensive analysis by region and market sector of projected Online Monitoring IR Thermal Imagers sales for 2026 through 2032. With Online Monitoring IR Thermal Imagers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Online Monitoring IR Thermal Imagers industry.

This Insight Report provides a comprehensive analysis of the global Online Monitoring IR Thermal Imagers 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 Online Monitoring IR Thermal Imagers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Online Monitoring IR Thermal Imagers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Online Monitoring IR Thermal Imagers 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 Online Monitoring IR Thermal Imagers.

This report presents a comprehensive overview, market shares, and growth opportunities of Online Monitoring IR Thermal Imagers market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Short Wave

Medium Wave

Long Wave

Segmentation by Application:

Military

Industrial Inspection

Security Monitoring

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.

Teledyne FLIR

Lockheed Martin

L3Harris Technologies

Testo

Exosens

IRcam

Shape Optics

Fluke Corporation

IRay Technology Co., Ltd.

DALI TECHNOLOGY

GUIDE INFRARED

HIKIVISION

Wuhan Joho Technology Co., Ltd.

HJK IR

LEAD IR

YOSEE INFRARED

Shandong Sheenrun Optics & Electronics Co., Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Online Monitoring IR Thermal Imagers market?

What factors are driving Online Monitoring IR Thermal Imagers market growth, globally and by region?

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

How do Online Monitoring IR Thermal Imagers market opportunities vary by end market size?

How does Online Monitoring IR Thermal Imagers break out by Type, by Application?

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 Online Monitoring IR Thermal Imagers Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Online Monitoring IR Thermal Imagers by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Online Monitoring IR Thermal Imagers by Country/Region, 2021, 2025 & 2032
- 2.2 Online Monitoring IR Thermal Imagers Segment by Type
 - 2.2.1 Short Wave
 - 2.2.2 Medium Wave
 - 2.2.3 Long Wave
 - 2.2.4 Online Monitoring IR Thermal Imagers Sales by Type
 - 2.2.4.1 Global Online Monitoring IR Thermal Imagers Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Online Monitoring IR Thermal Imagers Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Online Monitoring IR Thermal Imagers Sale Price by Type (2021-2026)
- 2.3 Online Monitoring IR Thermal Imagers Segment by Application
 - 2.3.1 Military
 - 2.3.2 Industrial Inspection
 - 2.3.3 Security Monitoring
 - 2.3.4 Others
 - 2.3.5 Online Monitoring IR Thermal Imagers Sales by Application
 - 2.3.5.1 Global Online Monitoring IR Thermal Imagers Sale Market Share by Application (2021-2026)

2.3.5.2 Global Online Monitoring IR Thermal Imagers Revenue and Market Share by Application (2021-2026)

2.3.5.3 Global Online Monitoring IR Thermal Imagers Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Online Monitoring IR Thermal Imagers Breakdown Data by Company

3.1.1 Global Online Monitoring IR Thermal Imagers Annual Sales by Company (2021-2026)

3.1.2 Global Online Monitoring IR Thermal Imagers Sales Market Share by Company (2021-2026)

3.2 Global Online Monitoring IR Thermal Imagers Annual Revenue by Company (2021-2026)

3.2.1 Global Online Monitoring IR Thermal Imagers Revenue by Company (2021-2026)

3.2.2 Global Online Monitoring IR Thermal Imagers Revenue Market Share by Company (2021-2026)

3.3 Global Online Monitoring IR Thermal Imagers Sale Price by Company

3.4 Key Manufacturers Online Monitoring IR Thermal Imagers Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Online Monitoring IR Thermal Imagers Product Location Distribution

3.4.2 Players Online Monitoring IR Thermal Imagers Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR ONLINE MONITORING IR THERMAL IMAGERS BY GEOGRAPHIC REGION

4.1 World Historic Online Monitoring IR Thermal Imagers Market Size by Geographic Region (2021-2026)

4.1.1 Global Online Monitoring IR Thermal Imagers Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Online Monitoring IR Thermal Imagers Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Online Monitoring IR Thermal Imagers Market Size by Country/Region (2021-2026)

4.2.1 Global Online Monitoring IR Thermal Imagers Annual Sales by Country/Region (2021-2026)

4.2.2 Global Online Monitoring IR Thermal Imagers Annual Revenue by Country/Region (2021-2026)

4.3 Americas Online Monitoring IR Thermal Imagers Sales Growth

4.4 APAC Online Monitoring IR Thermal Imagers Sales Growth

4.5 Europe Online Monitoring IR Thermal Imagers Sales Growth

4.6 Middle East & Africa Online Monitoring IR Thermal Imagers Sales Growth

5 AMERICAS

5.1 Americas Online Monitoring IR Thermal Imagers Sales by Country

5.1.1 Americas Online Monitoring IR Thermal Imagers Sales by Country (2021-2026)

5.1.2 Americas Online Monitoring IR Thermal Imagers Revenue by Country (2021-2026)

5.2 Americas Online Monitoring IR Thermal Imagers Sales by Type (2021-2026)

5.3 Americas Online Monitoring IR Thermal Imagers Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Online Monitoring IR Thermal Imagers Sales by Region

6.1.1 APAC Online Monitoring IR Thermal Imagers Sales by Region (2021-2026)

6.1.2 APAC Online Monitoring IR Thermal Imagers Revenue by Region (2021-2026)

6.2 APAC Online Monitoring IR Thermal Imagers Sales by Type (2021-2026)

6.3 APAC Online Monitoring IR Thermal Imagers Sales by Application (2021-2026)

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 Online Monitoring IR Thermal Imagers by Country

7.1.1 Europe Online Monitoring IR Thermal Imagers Sales by Country (2021-2026)

7.1.2 Europe Online Monitoring IR Thermal Imagers Revenue by Country (2021-2026)

7.2 Europe Online Monitoring IR Thermal Imagers Sales by Type (2021-2026)

7.3 Europe Online Monitoring IR Thermal Imagers Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Online Monitoring IR Thermal Imagers by Country

8.1.1 Middle East & Africa Online Monitoring IR Thermal Imagers Sales by Country (2021-2026)

8.1.2 Middle East & Africa Online Monitoring IR Thermal Imagers Revenue by Country (2021-2026)

8.2 Middle East & Africa Online Monitoring IR Thermal Imagers Sales by Type (2021-2026)

8.3 Middle East & Africa Online Monitoring IR Thermal Imagers Sales by Application (2021-2026)

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 Online Monitoring IR Thermal Imagers
- 10.3 Manufacturing Process Analysis of Online Monitoring IR Thermal Imagers
- 10.4 Industry Chain Structure of Online Monitoring IR Thermal Imagers

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Online Monitoring IR Thermal Imagers Distributors
- 11.3 Online Monitoring IR Thermal Imagers Customer

12 WORLD FORECAST REVIEW FOR ONLINE MONITORING IR THERMAL IMAGERS BY GEOGRAPHIC REGION

- 12.1 Global Online Monitoring IR Thermal Imagers Market Size Forecast by Region
 - 12.1.1 Global Online Monitoring IR Thermal Imagers Forecast by Region (2027-2032)
 - 12.1.2 Global Online Monitoring IR Thermal Imagers Annual Revenue Forecast by Region (2027-2032)
- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Online Monitoring IR Thermal Imagers Forecast by Type (2027-2032)
- 12.7 Global Online Monitoring IR Thermal Imagers Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

- 13.1 Teledyne FLIR
 - 13.1.1 Teledyne FLIR Company Information
 - 13.1.2 Teledyne FLIR Online Monitoring IR Thermal Imagers Product Portfolios and Specifications
 - 13.1.3 Teledyne FLIR Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.1.4 Teledyne FLIR Main Business Overview
 - 13.1.5 Teledyne FLIR Latest Developments
- 13.2 Lockheed Martin
 - 13.2.1 Lockheed Martin Company Information
 - 13.2.2 Lockheed Martin Online Monitoring IR Thermal Imagers Product Portfolios and

Specifications

13.2.3 Lockheed Martin Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Lockheed Martin Main Business Overview

13.2.5 Lockheed Martin Latest Developments

13.3 L3Harris Technologies

13.3.1 L3Harris Technologies Company Information

13.3.2 L3Harris Technologies Online Monitoring IR Thermal Imagers Product

Portfolios and Specifications

13.3.3 L3Harris Technologies Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 L3Harris Technologies Main Business Overview

13.3.5 L3Harris Technologies Latest Developments

13.4 Testo

13.4.1 Testo Company Information

13.4.2 Testo Online Monitoring IR Thermal Imagers Product Portfolios and

Specifications

13.4.3 Testo Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Testo Main Business Overview

13.4.5 Testo Latest Developments

13.5 Exosens

13.5.1 Exosens Company Information

13.5.2 Exosens Online Monitoring IR Thermal Imagers Product Portfolios and

Specifications

13.5.3 Exosens Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Exosens Main Business Overview

13.5.5 Exosens Latest Developments

13.6 IRcam

13.6.1 IRcam Company Information

13.6.2 IRcam Online Monitoring IR Thermal Imagers Product Portfolios and

Specifications

13.6.3 IRcam Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 IRcam Main Business Overview

13.6.5 IRcam Latest Developments

13.7 Shape Optics

13.7.1 Shape Optics Company Information

13.7.2 Shape Optics Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

13.7.3 Shape Optics Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Shape Optics Main Business Overview

13.7.5 Shape Optics Latest Developments

13.8 Fluke Corporation

13.8.1 Fluke Corporation Company Information

13.8.2 Fluke Corporation Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

13.8.3 Fluke Corporation Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Fluke Corporation Main Business Overview

13.8.5 Fluke Corporation Latest Developments

13.9 IRay Technology Co., Ltd.

13.9.1 IRay Technology Co., Ltd. Company Information

13.9.2 IRay Technology Co., Ltd. Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

13.9.3 IRay Technology Co., Ltd. Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 IRay Technology Co., Ltd. Main Business Overview

13.9.5 IRay Technology Co., Ltd. Latest Developments

13.10 DALI TECHNOLOGY

13.10.1 DALI TECHNOLOGY Company Information

13.10.2 DALI TECHNOLOGY Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

13.10.3 DALI TECHNOLOGY Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 DALI TECHNOLOGY Main Business Overview

13.10.5 DALI TECHNOLOGY Latest Developments

13.11 GUIDE INFRARED

13.11.1 GUIDE INFRARED Company Information

13.11.2 GUIDE INFRARED Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

13.11.3 GUIDE INFRARED Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 GUIDE INFRARED Main Business Overview

13.11.5 GUIDE INFRARED Latest Developments

13.12 HIKIVISION

- 13.12.1 HIKIVISION Company Information
- 13.12.2 HIKIVISION Online Monitoring IR Thermal Imagers Product Portfolios and Specifications
- 13.12.3 HIKIVISION Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.12.4 HIKIVISION Main Business Overview
- 13.12.5 HIKIVISION Latest Developments
- 13.13 Wuhan Joho Technology Co., Ltd.
- 13.13.1 Wuhan Joho Technology Co., Ltd. Company Information
- 13.13.2 Wuhan Joho Technology Co., Ltd. Online Monitoring IR Thermal Imagers Product Portfolios and Specifications
- 13.13.3 Wuhan Joho Technology Co., Ltd. Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.13.4 Wuhan Joho Technology Co., Ltd. Main Business Overview
- 13.13.5 Wuhan Joho Technology Co., Ltd. Latest Developments
- 13.14 HJK IR
- 13.14.1 HJK IR Company Information
- 13.14.2 HJK IR Online Monitoring IR Thermal Imagers Product Portfolios and Specifications
- 13.14.3 HJK IR Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.14.4 HJK IR Main Business Overview
- 13.14.5 HJK IR Latest Developments
- 13.15 LEAD IR
- 13.15.1 LEAD IR Company Information
- 13.15.2 LEAD IR Online Monitoring IR Thermal Imagers Product Portfolios and Specifications
- 13.15.3 LEAD IR Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.15.4 LEAD IR Main Business Overview
- 13.15.5 LEAD IR Latest Developments
- 13.16 YOSEE INFRARED
- 13.16.1 YOSEE INFRARED Company Information
- 13.16.2 YOSEE INFRARED Online Monitoring IR Thermal Imagers Product Portfolios and Specifications
- 13.16.3 YOSEE INFRARED Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.16.4 YOSEE INFRARED Main Business Overview
- 13.16.5 YOSEE INFRARED Latest Developments

13.17 Shandong Sheenrun Optics & Electronics Co., Ltd.

13.17.1 Shandong Sheenrun Optics & Electronics Co., Ltd. Company Information

13.17.2 Shandong Sheenrun Optics & Electronics Co., Ltd. Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

13.17.3 Shandong Sheenrun Optics & Electronics Co., Ltd. Online Monitoring IR Thermal Imagers Sales, Revenue, Price and Gross Margin (2021-2026)

13.17.4 Shandong Sheenrun Optics & Electronics Co., Ltd. Main Business Overview

13.17.5 Shandong Sheenrun Optics & Electronics Co., Ltd. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Online Monitoring IR Thermal Imagers Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Online Monitoring IR Thermal Imagers Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Short Wave

Table 4. Major Players of Medium Wave

Table 5. Major Players of Long Wave

Table 6. Global Online Monitoring IR Thermal Imagers Sales by Type (2021-2026) & (Units)

Table 7. Global Online Monitoring IR Thermal Imagers Sales Market Share by Type (2021-2026)

Table 8. Global Online Monitoring IR Thermal Imagers Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Online Monitoring IR Thermal Imagers Revenue Market Share by Type (2021-2026)

Table 10. Global Online Monitoring IR Thermal Imagers Sale Price by Type (2021-2026) & (US\$/Unit)

Table 11. Global Online Monitoring IR Thermal Imagers Sale by Application (2021-2026) & (Units)

Table 12. Global Online Monitoring IR Thermal Imagers Sale Market Share by Application (2021-2026)

Table 13. Global Online Monitoring IR Thermal Imagers Revenue by Application (2021-2026) & (\$ million)

Table 14. Global Online Monitoring IR Thermal Imagers Revenue Market Share by Application (2021-2026)

Table 15. Global Online Monitoring IR Thermal Imagers Sale Price by Application (2021-2026) & (US\$/Unit)

Table 16. Global Online Monitoring IR Thermal Imagers Sales by Company (2021-2026) & (Units)

Table 17. Global Online Monitoring IR Thermal Imagers Sales Market Share by Company (2021-2026)

Table 18. Global Online Monitoring IR Thermal Imagers Revenue by Company (2021-2026) & (\$ millions)

Table 19. Global Online Monitoring IR Thermal Imagers Revenue Market Share by Company (2021-2026)

Table 20. Global Online Monitoring IR Thermal Imagers Sale Price by Company (2021-2026) & (US\$/Unit)

Table 21. Key Manufacturers Online Monitoring IR Thermal Imagers Producing Area Distribution and Sales Area

Table 22. Players Online Monitoring IR Thermal Imagers Products Offered

Table 23. Online Monitoring IR Thermal Imagers Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Online Monitoring IR Thermal Imagers Sales by Geographic Region (2021-2026) & (Units)

Table 27. Global Online Monitoring IR Thermal Imagers Sales Market Share Geographic Region (2021-2026)

Table 28. Global Online Monitoring IR Thermal Imagers Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 29. Global Online Monitoring IR Thermal Imagers Revenue Market Share by Geographic Region (2021-2026)

Table 30. Global Online Monitoring IR Thermal Imagers Sales by Country/Region (2021-2026) & (Units)

Table 31. Global Online Monitoring IR Thermal Imagers Sales Market Share by Country/Region (2021-2026)

Table 32. Global Online Monitoring IR Thermal Imagers Revenue by Country/Region (2021-2026) & (\$ millions)

Table 33. Global Online Monitoring IR Thermal Imagers Revenue Market Share by Country/Region (2021-2026)

Table 34. Americas Online Monitoring IR Thermal Imagers Sales by Country (2021-2026) & (Units)

Table 35. Americas Online Monitoring IR Thermal Imagers Sales Market Share by Country (2021-2026)

Table 36. Americas Online Monitoring IR Thermal Imagers Revenue by Country (2021-2026) & (\$ millions)

Table 37. Americas Online Monitoring IR Thermal Imagers Sales by Type (2021-2026) & (Units)

Table 38. Americas Online Monitoring IR Thermal Imagers Sales by Application (2021-2026) & (Units)

Table 39. APAC Online Monitoring IR Thermal Imagers Sales by Region (2021-2026) & (Units)

Table 40. APAC Online Monitoring IR Thermal Imagers Sales Market Share by Region (2021-2026)

Table 41. APAC Online Monitoring IR Thermal Imagers Revenue by Region
(2021-2026) & (\$ millions)

Table 42. APAC Online Monitoring IR Thermal Imagers Sales by Type (2021-2026) &
(Units)

Table 43. APAC Online Monitoring IR Thermal Imagers Sales by Application
(2021-2026) & (Units)

Table 44. Europe Online Monitoring IR Thermal Imagers Sales by Country (2021-2026)
& (Units)

Table 45. Europe Online Monitoring IR Thermal Imagers Revenue by Country
(2021-2026) & (\$ millions)

Table 46. Europe Online Monitoring IR Thermal Imagers Sales by Type (2021-2026) &
(Units)

Table 47. Europe Online Monitoring IR Thermal Imagers Sales by Application
(2021-2026) & (Units)

Table 48. Middle East & Africa Online Monitoring IR Thermal Imagers Sales by Country
(2021-2026) & (Units)

Table 49. Middle East & Africa Online Monitoring IR Thermal Imagers Revenue Market
Share by Country (2021-2026)

Table 50. Middle East & Africa Online Monitoring IR Thermal Imagers Sales by Type
(2021-2026) & (Units)

Table 51. Middle East & Africa Online Monitoring IR Thermal Imagers Sales by
Application (2021-2026) & (Units)

Table 52. Key Market Drivers & Growth Opportunities of Online Monitoring IR Thermal
Imagers

Table 53. Key Market Challenges & Risks of Online Monitoring IR Thermal Imagers

Table 54. Key Industry Trends of Online Monitoring IR Thermal Imagers

Table 55. Online Monitoring IR Thermal Imagers Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Online Monitoring IR Thermal Imagers Distributors List

Table 58. Online Monitoring IR Thermal Imagers Customer List

Table 59. Global Online Monitoring IR Thermal Imagers Sales Forecast by Region
(2027-2032) & (Units)

Table 60. Global Online Monitoring IR Thermal Imagers Revenue Forecast by Region
(2027-2032) & (\$ millions)

Table 61. Americas Online Monitoring IR Thermal Imagers Sales Forecast by Country
(2027-2032) & (Units)

Table 62. Americas Online Monitoring IR Thermal Imagers Annual Revenue Forecast
by Country (2027-2032) & (\$ millions)

Table 63. APAC Online Monitoring IR Thermal Imagers Sales Forecast by Region

(2027-2032) & (Units)

Table 64. APAC Online Monitoring IR Thermal Imagers Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 65. Europe Online Monitoring IR Thermal Imagers Sales Forecast by Country (2027-2032) & (Units)

Table 66. Europe Online Monitoring IR Thermal Imagers Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 67. Middle East & Africa Online Monitoring IR Thermal Imagers Sales Forecast by Country (2027-2032) & (Units)

Table 68. Middle East & Africa Online Monitoring IR Thermal Imagers Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 69. Global Online Monitoring IR Thermal Imagers Sales Forecast by Type (2027-2032) & (Units)

Table 70. Global Online Monitoring IR Thermal Imagers Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 71. Global Online Monitoring IR Thermal Imagers Sales Forecast by Application (2027-2032) & (Units)

Table 72. Global Online Monitoring IR Thermal Imagers Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 73. Teledyne FLIR Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 74. Teledyne FLIR Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 75. Teledyne FLIR Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 76. Teledyne FLIR Main Business

Table 77. Teledyne FLIR Latest Developments

Table 78. Lockheed Martin Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 79. Lockheed Martin Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 80. Lockheed Martin Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 81. Lockheed Martin Main Business

Table 82. Lockheed Martin Latest Developments

Table 83. L3Harris Technologies Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 84. L3Harris Technologies Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 85. L3Harris Technologies Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 86. L3Harris Technologies Main Business

Table 87. L3Harris Technologies Latest Developments

Table 88. Testo Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 89. Testo Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 90. Testo Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. Testo Main Business

Table 92. Testo Latest Developments

Table 93. Exosens Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 94. Exosens Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 95. Exosens Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. Exosens Main Business

Table 97. Exosens Latest Developments

Table 98. IRcam Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 99. IRcam Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 100. IRcam Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 101. IRcam Main Business

Table 102. IRcam Latest Developments

Table 103. Shape Optics Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 104. Shape Optics Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 105. Shape Optics Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 106. Shape Optics Main Business

Table 107. Shape Optics Latest Developments

Table 108. Fluke Corporation Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 109. Fluke Corporation Online Monitoring IR Thermal Imagers Product Portfolios

and Specifications

Table 110. Fluke Corporation Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 111. Fluke Corporation Main Business

Table 112. Fluke Corporation Latest Developments

Table 113. IRay Technology Co., Ltd. Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 114. IRay Technology Co., Ltd. Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 115. IRay Technology Co., Ltd. Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 116. IRay Technology Co., Ltd. Main Business

Table 117. IRay Technology Co., Ltd. Latest Developments

Table 118. DALI TECHNOLOGY Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 119. DALI TECHNOLOGY Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 120. DALI TECHNOLOGY Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 121. DALI TECHNOLOGY Main Business

Table 122. DALI TECHNOLOGY Latest Developments

Table 123. GUIDE INFRARED Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 124. GUIDE INFRARED Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 125. GUIDE INFRARED Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 126. GUIDE INFRARED Main Business

Table 127. GUIDE INFRARED Latest Developments

Table 128. HIKIVISION Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 129. HIKIVISION Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 130. HIKIVISION Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 131. HIKIVISION Main Business

Table 132. HIKIVISION Latest Developments

Table 133. Wuhan Joho Technology Co., Ltd. Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 134. Wuhan Joho Technology Co., Ltd. Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 135. Wuhan Joho Technology Co., Ltd. Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 136. Wuhan Joho Technology Co., Ltd. Main Business

Table 137. Wuhan Joho Technology Co., Ltd. Latest Developments

Table 138. HJK IR Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 139. HJK IR Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 140. HJK IR Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 141. HJK IR Main Business

Table 142. HJK IR Latest Developments

Table 143. LEAD IR Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 144. LEAD IR Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 145. LEAD IR Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 146. LEAD IR Main Business

Table 147. LEAD IR Latest Developments

Table 148. YOSEE INFRARED Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 149. YOSEE INFRARED Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 150. YOSEE INFRARED Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 151. YOSEE INFRARED Main Business

Table 152. YOSEE INFRARED Latest Developments

Table 153. Shandong Sheenrun Optics & Electronics Co., Ltd. Basic Information, Online Monitoring IR Thermal Imagers Manufacturing Base, Sales Area and Its Competitors

Table 154. Shandong Sheenrun Optics & Electronics Co., Ltd. Online Monitoring IR Thermal Imagers Product Portfolios and Specifications

Table 155. Shandong Sheenrun Optics & Electronics Co., Ltd. Online Monitoring IR Thermal Imagers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 156. Shandong Sheenrun Optics & Electronics Co., Ltd. Main Business

Table 157. Shandong Sheenrun Optics & Electronics Co., Ltd. Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Online Monitoring IR Thermal Imagers
- Figure 2. Online Monitoring IR Thermal Imagers Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Online Monitoring IR Thermal Imagers Sales Growth Rate 2021-2032 (Units)
- Figure 7. Global Online Monitoring IR Thermal Imagers Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Online Monitoring IR Thermal Imagers Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Online Monitoring IR Thermal Imagers Sales Market Share by Country/Region (2025)
- Figure 10. Online Monitoring IR Thermal Imagers Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Short Wave
- Figure 12. Product Picture of Medium Wave
- Figure 13. Product Picture of Long Wave
- Figure 14. Global Online Monitoring IR Thermal Imagers Sales Market Share by Type in 2026
- Figure 15. Global Online Monitoring IR Thermal Imagers Revenue Market Share by Type (2021-2026)
- Figure 16. Online Monitoring IR Thermal Imagers Consumed in Military
- Figure 17. Global Online Monitoring IR Thermal Imagers Market: Military (2021-2026) & (Units)
- Figure 18. Online Monitoring IR Thermal Imagers Consumed in Industrial Inspection
- Figure 19. Global Online Monitoring IR Thermal Imagers Market: Industrial Inspection (2021-2026) & (Units)
- Figure 20. Online Monitoring IR Thermal Imagers Consumed in Security Monitoring
- Figure 21. Global Online Monitoring IR Thermal Imagers Market: Security Monitoring (2021-2026) & (Units)
- Figure 22. Online Monitoring IR Thermal Imagers Consumed in Others
- Figure 23. Global Online Monitoring IR Thermal Imagers Market: Others (2021-2026) & (Units)
- Figure 24. Global Online Monitoring IR Thermal Imagers Sale Market Share by

Application (2025)

Figure 25. Global Online Monitoring IR Thermal Imagers Revenue Market Share by Application in 2026

Figure 26. Online Monitoring IR Thermal Imagers Sales by Company in 2026 (Units)

Figure 27. Global Online Monitoring IR Thermal Imagers Sales Market Share by Company in 2026

Figure 28. Online Monitoring IR Thermal Imagers Revenue by Company in 2026 (\$ millions)

Figure 29. Global Online Monitoring IR Thermal Imagers Revenue Market Share by Company in 2026

Figure 30. Global Online Monitoring IR Thermal Imagers Sales Market Share by Geographic Region (2021-2026)

Figure 31. Global Online Monitoring IR Thermal Imagers Revenue Market Share by Geographic Region in 2026

Figure 32. Americas Online Monitoring IR Thermal Imagers Sales 2021-2026 (Units)

Figure 33. Americas Online Monitoring IR Thermal Imagers Revenue 2021-2026 (\$ millions)

Figure 34. APAC Online Monitoring IR Thermal Imagers Sales 2021-2026 (Units)

Figure 35. APAC Online Monitoring IR Thermal Imagers Revenue 2021-2026 (\$ millions)

Figure 36. Europe Online Monitoring IR Thermal Imagers Sales 2021-2026 (Units)

Figure 37. Europe Online Monitoring IR Thermal Imagers Revenue 2021-2026 (\$ millions)

Figure 38. Middle East & Africa Online Monitoring IR Thermal Imagers Sales 2021-2026 (Units)

Figure 39. Middle East & Africa Online Monitoring IR Thermal Imagers Revenue 2021-2026 (\$ millions)

Figure 40. Americas Online Monitoring IR Thermal Imagers Sales Market Share by Country in 2026

Figure 41. Americas Online Monitoring IR Thermal Imagers Revenue Market Share by Country (2021-2026)

Figure 42. Americas Online Monitoring IR Thermal Imagers Sales Market Share by Type (2021-2026)

Figure 43. Americas Online Monitoring IR Thermal Imagers Sales Market Share by Application (2021-2026)

Figure 44. United States Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 45. Canada Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 46. Mexico Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 47. Brazil Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 48. APAC Online Monitoring IR Thermal Imagers Sales Market Share by Region in 2026

Figure 49. APAC Online Monitoring IR Thermal Imagers Revenue Market Share by Region (2021-2026)

Figure 50. APAC Online Monitoring IR Thermal Imagers Sales Market Share by Type (2021-2026)

Figure 51. APAC Online Monitoring IR Thermal Imagers Sales Market Share by Application (2021-2026)

Figure 52. China Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 53. Japan Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 54. South Korea Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 55. Southeast Asia Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 56. India Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 57. Australia Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 58. China Taiwan Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 59. Europe Online Monitoring IR Thermal Imagers Sales Market Share by Country in 2026

Figure 60. Europe Online Monitoring IR Thermal Imagers Revenue Market Share by Country (2021-2026)

Figure 61. Europe Online Monitoring IR Thermal Imagers Sales Market Share by Type (2021-2026)

Figure 62. Europe Online Monitoring IR Thermal Imagers Sales Market Share by Application (2021-2026)

Figure 63. Germany Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 64. France Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 65. UK Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$

millions)

Figure 66. Italy Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 67. Russia Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 68. Middle East & Africa Online Monitoring IR Thermal Imagers Sales Market Share by Country (2021-2026)

Figure 69. Middle East & Africa Online Monitoring IR Thermal Imagers Sales Market Share by Type (2021-2026)

Figure 70. Middle East & Africa Online Monitoring IR Thermal Imagers Sales Market Share by Application (2021-2026)

Figure 71. Egypt Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 72. South Africa Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 73. Israel Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 74. Turkey Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 75. GCC Countries Online Monitoring IR Thermal Imagers Revenue Growth 2021-2026 (\$ millions)

Figure 76. Manufacturing Cost Structure Analysis of Online Monitoring IR Thermal Imagers in 2026

Figure 77. Manufacturing Process Analysis of Online Monitoring IR Thermal Imagers

Figure 78. Industry Chain Structure of Online Monitoring IR Thermal Imagers

Figure 79. Channels of Distribution

Figure 80. Global Online Monitoring IR Thermal Imagers Sales Market Forecast by Region (2027-2032)

Figure 81. Global Online Monitoring IR Thermal Imagers Revenue Market Share Forecast by Region (2027-2032)

Figure 82. Global Online Monitoring IR Thermal Imagers Sales Market Share Forecast by Type (2027-2032)

Figure 83. Global Online Monitoring IR Thermal Imagers Revenue Market Share Forecast by Type (2027-2032)

Figure 84. Global Online Monitoring IR Thermal Imagers Sales Market Share Forecast by Application (2027-2032)

Figure 85. Global Online Monitoring IR Thermal Imagers Revenue Market Share Forecast by Application (2027-2032)

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