

Global Cooled Infrared Sensors Market Growth 2025-2031

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Abstracts

The global Cooled Infrared Sensors market size is predicted to grow from US\$ 246 million in 2025 to US\$ 343 million in 2031; it is expected to grow at a CAGR of 5.7% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

An infrared sensor is an electronic instrument that is used to sense certain characteristics of its surroundings.

Infrared sensors detect and measure infrared radiation, finding applications in various industries such as automotive, aerospace, and consumer electronics. Factors driving market growth include increasing demand for security and surveillance systems, advancements in sensor technology, and the rising adoption of automation in various sectors. The market is competitive, with several key players offering a wide range of infrared sensors. However, challenges such as high cost, limited detection range, and complex integration requirements may hinder market growth. Nonetheless, the infrared sensors market holds promising opportunities, driven by the increasing need for non-contact temperature measurement, gesture recognition, and night vision applications.

LP Information, Inc. (LPI) ' newest research report, the "Cooled Infrared Sensors Industry Forecast" looks at past sales and reviews total world Cooled Infrared Sensors sales in 2024, providing a comprehensive analysis by region and market sector of projected Cooled Infrared Sensors sales for 2025 through 2031. With Cooled Infrared Sensors sales broken down by region, market sector and sub-sector, this report

provides a detailed analysis in US\$ millions of the world Cooled Infrared Sensors industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Cooled Infrared Sensors 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 Cooled Infrared Sensors.

This report presents a comprehensive overview, market shares, and growth opportunities of Cooled Infrared Sensors market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Thermal

Quantum

Segmentation by Application:

Consumer Electronics

Aerospace and Defense

Mining

Oil and Gas

Other

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.

Murata Manufacturing

Hamamatsu Photonics

Excelitas Technologie

Teledyne

Raytheon

InfraTec GmbH

FLIR Systems

Nippon Avionics

Honeywell International

Texas Instruments

Key Questions Addressed in this Report

What is the 10-year outlook for the global Cooled Infrared Sensors market?

What factors are driving Cooled Infrared Sensors market growth, globally and by region?

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

How do Cooled Infrared Sensors market opportunities vary by end market size?

How does Cooled Infrared Sensors 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 Cooled Infrared Sensors Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Cooled Infrared Sensors by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Cooled Infrared Sensors by Country/Region, 2020, 2024 & 2031
- 2.2 Cooled Infrared Sensors Segment by Type
 - 2.2.1 Thermal
 - 2.2.2 Quantum
- 2.3 Cooled Infrared Sensors Sales by Type
 - 2.3.1 Global Cooled Infrared Sensors Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Cooled Infrared Sensors Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Cooled Infrared Sensors Sale Price by Type (2020-2025)
- 2.4 Cooled Infrared Sensors Segment by Application
 - 2.4.1 Consumer Electronics
 - 2.4.2 Aerospace and Defense
 - 2.4.3 Mining
 - 2.4.4 Oil and Gas
 - 2.4.5 Other
- 2.5 Cooled Infrared Sensors Sales by Application
 - 2.5.1 Global Cooled Infrared Sensors Sale Market Share by Application (2020-2025)
 - 2.5.2 Global Cooled Infrared Sensors Revenue and Market Share by Application (2020-2025)

2.5.3 Global Cooled Infrared Sensors Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Cooled Infrared Sensors Breakdown Data by Company

3.1.1 Global Cooled Infrared Sensors Annual Sales by Company (2020-2025)

3.1.2 Global Cooled Infrared Sensors Sales Market Share by Company (2020-2025)

3.2 Global Cooled Infrared Sensors Annual Revenue by Company (2020-2025)

3.2.1 Global Cooled Infrared Sensors Revenue by Company (2020-2025)

3.2.2 Global Cooled Infrared Sensors Revenue Market Share by Company (2020-2025)

3.3 Global Cooled Infrared Sensors Sale Price by Company

3.4 Key Manufacturers Cooled Infrared Sensors Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Cooled Infrared Sensors Product Location Distribution

3.4.2 Players Cooled Infrared Sensors Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR COOLED INFRARED SENSORS BY GEOGRAPHIC REGION

4.1 World Historic Cooled Infrared Sensors Market Size by Geographic Region (2020-2025)

4.1.1 Global Cooled Infrared Sensors Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Cooled Infrared Sensors Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Cooled Infrared Sensors Market Size by Country/Region (2020-2025)

4.2.1 Global Cooled Infrared Sensors Annual Sales by Country/Region (2020-2025)

4.2.2 Global Cooled Infrared Sensors Annual Revenue by Country/Region (2020-2025)

4.3 Americas Cooled Infrared Sensors Sales Growth

4.4 APAC Cooled Infrared Sensors Sales Growth

4.5 Europe Cooled Infrared Sensors Sales Growth

4.6 Middle East & Africa Cooled Infrared Sensors Sales Growth

5 AMERICAS

5.1 Americas Cooled Infrared Sensors Sales by Country

5.1.1 Americas Cooled Infrared Sensors Sales by Country (2020-2025)

5.1.2 Americas Cooled Infrared Sensors Revenue by Country (2020-2025)

5.2 Americas Cooled Infrared Sensors Sales by Type (2020-2025)

5.3 Americas Cooled Infrared Sensors Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Cooled Infrared Sensors Sales by Region

6.1.1 APAC Cooled Infrared Sensors Sales by Region (2020-2025)

6.1.2 APAC Cooled Infrared Sensors Revenue by Region (2020-2025)

6.2 APAC Cooled Infrared Sensors Sales by Type (2020-2025)

6.3 APAC Cooled Infrared Sensors Sales by Application (2020-2025)

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 Cooled Infrared Sensors by Country

7.1.1 Europe Cooled Infrared Sensors Sales by Country (2020-2025)

7.1.2 Europe Cooled Infrared Sensors Revenue by Country (2020-2025)

7.2 Europe Cooled Infrared Sensors Sales by Type (2020-2025)

7.3 Europe Cooled Infrared Sensors Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Cooled Infrared Sensors by Country

8.1.1 Middle East & Africa Cooled Infrared Sensors Sales by Country (2020-2025)

8.1.2 Middle East & Africa Cooled Infrared Sensors Revenue by Country (2020-2025)

8.2 Middle East & Africa Cooled Infrared Sensors Sales by Type (2020-2025)

8.3 Middle East & Africa Cooled Infrared Sensors Sales by Application (2020-2025)

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 Cooled Infrared Sensors

10.3 Manufacturing Process Analysis of Cooled Infrared Sensors

10.4 Industry Chain Structure of Cooled Infrared Sensors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Cooled Infrared Sensors Distributors

11.3 Cooled Infrared Sensors Customer

12 WORLD FORECAST REVIEW FOR COOLED INFRARED SENSORS BY GEOGRAPHIC REGION

- 12.1 Global Cooled Infrared Sensors Market Size Forecast by Region
 - 12.1.1 Global Cooled Infrared Sensors Forecast by Region (2026-2031)
 - 12.1.2 Global Cooled Infrared Sensors Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Cooled Infrared Sensors Forecast by Type (2026-2031)
- 12.7 Global Cooled Infrared Sensors Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

- 13.1 Murata Manufacturing
 - 13.1.1 Murata Manufacturing Company Information
 - 13.1.2 Murata Manufacturing Cooled Infrared Sensors Product Portfolios and Specifications
 - 13.1.3 Murata Manufacturing Cooled Infrared Sensors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.1.4 Murata Manufacturing Main Business Overview
 - 13.1.5 Murata Manufacturing Latest Developments
- 13.2 Hamamatsu Photonics
 - 13.2.1 Hamamatsu Photonics Company Information
 - 13.2.2 Hamamatsu Photonics Cooled Infrared Sensors Product Portfolios and Specifications
 - 13.2.3 Hamamatsu Photonics Cooled Infrared Sensors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 Hamamatsu Photonics Main Business Overview
 - 13.2.5 Hamamatsu Photonics Latest Developments
- 13.3 Excelitas Technologie
 - 13.3.1 Excelitas Technologie Company Information
 - 13.3.2 Excelitas Technologie Cooled Infrared Sensors Product Portfolios and Specifications
 - 13.3.3 Excelitas Technologie Cooled Infrared Sensors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.3.4 Excelitas Technologie Main Business Overview
 - 13.3.5 Excelitas Technologie Latest Developments
- 13.4 Teledyne
 - 13.4.1 Teledyne Company Information

13.4.2 Teledyne Cooled Infrared Sensors Product Portfolios and Specifications
13.4.3 Teledyne Cooled Infrared Sensors Sales, Revenue, Price and Gross Margin
(2020-2025)

13.4.4 Teledyne Main Business Overview

13.4.5 Teledyne Latest Developments

13.5 Raytheon

13.5.1 Raytheon Company Information

13.5.2 Raytheon Cooled Infrared Sensors Product Portfolios and Specifications

13.5.3 Raytheon Cooled Infrared Sensors Sales, Revenue, Price and Gross Margin
(2020-2025)

13.5.4 Raytheon Main Business Overview

13.5.5 Raytheon Latest Developments

13.6 InfraTec GmbH

13.6.1 InfraTec GmbH Company Information

13.6.2 InfraTec GmbH Cooled Infrared Sensors Product Portfolios and Specifications

13.6.3 InfraTec GmbH Cooled Infrared Sensors Sales, Revenue, Price and Gross
Margin (2020-2025)

13.6.4 InfraTec GmbH Main Business Overview

13.6.5 InfraTec GmbH Latest Developments

13.7 FLIR Systems

13.7.1 FLIR Systems Company Information

13.7.2 FLIR Systems Cooled Infrared Sensors Product Portfolios and Specifications

13.7.3 FLIR Systems Cooled Infrared Sensors Sales, Revenue, Price and Gross
Margin (2020-2025)

13.7.4 FLIR Systems Main Business Overview

13.7.5 FLIR Systems Latest Developments

13.8 Nippon Avionics

13.8.1 Nippon Avionics Company Information

13.8.2 Nippon Avionics Cooled Infrared Sensors Product Portfolios and Specifications

13.8.3 Nippon Avionics Cooled Infrared Sensors Sales, Revenue, Price and Gross
Margin (2020-2025)

13.8.4 Nippon Avionics Main Business Overview

13.8.5 Nippon Avionics Latest Developments

13.9 Honeywell International

13.9.1 Honeywell International Company Information

13.9.2 Honeywell International Cooled Infrared Sensors Product Portfolios and
Specifications

13.9.3 Honeywell International Cooled Infrared Sensors Sales, Revenue, Price and
Gross Margin (2020-2025)

13.9.4 Honeywell International Main Business Overview

13.9.5 Honeywell International Latest Developments

13.10 Texas Instruments

13.10.1 Texas Instruments Company Information

13.10.2 Texas Instruments Cooled Infrared Sensors Product Portfolios and Specifications

13.10.3 Texas Instruments Cooled Infrared Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Texas Instruments Main Business Overview

13.10.5 Texas Instruments Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Cooled Infrared Sensors Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Cooled Infrared Sensors Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Thermal
- Table 4. Major Players of Quantum
- Table 5. Global Cooled Infrared Sensors Sales by Type (2020-2025) & (K Units)
- Table 6. Global Cooled Infrared Sensors Sales Market Share by Type (2020-2025)
- Table 7. Global Cooled Infrared Sensors Revenue by Type (2020-2025) & (\$ million)
- Table 8. Global Cooled Infrared Sensors Revenue Market Share by Type (2020-2025)
- Table 9. Global Cooled Infrared Sensors Sale Price by Type (2020-2025) & (USD/Unit)
- Table 10. Global Cooled Infrared Sensors Sale by Application (2020-2025) & (K Units)
- Table 11. Global Cooled Infrared Sensors Sale Market Share by Application (2020-2025)
- Table 12. Global Cooled Infrared Sensors Revenue by Application (2020-2025) & (\$ million)
- Table 13. Global Cooled Infrared Sensors Revenue Market Share by Application (2020-2025)
- Table 14. Global Cooled Infrared Sensors Sale Price by Application (2020-2025) & (USD/Unit)
- Table 15. Global Cooled Infrared Sensors Sales by Company (2020-2025) & (K Units)
- Table 16. Global Cooled Infrared Sensors Sales Market Share by Company (2020-2025)
- Table 17. Global Cooled Infrared Sensors Revenue by Company (2020-2025) & (\$ millions)
- Table 18. Global Cooled Infrared Sensors Revenue Market Share by Company (2020-2025)
- Table 19. Global Cooled Infrared Sensors Sale Price by Company (2020-2025) & (USD/Unit)
- Table 20. Key Manufacturers Cooled Infrared Sensors Producing Area Distribution and Sales Area
- Table 21. Players Cooled Infrared Sensors Products Offered
- Table 22. Cooled Infrared Sensors Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Cooled Infrared Sensors Sales by Geographic Region (2020-2025) & (K Units)

Table 26. Global Cooled Infrared Sensors Sales Market Share Geographic Region (2020-2025)

Table 27. Global Cooled Infrared Sensors Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Cooled Infrared Sensors Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Cooled Infrared Sensors Sales by Country/Region (2020-2025) & (K Units)

Table 30. Global Cooled Infrared Sensors Sales Market Share by Country/Region (2020-2025)

Table 31. Global Cooled Infrared Sensors Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Cooled Infrared Sensors Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Cooled Infrared Sensors Sales by Country (2020-2025) & (K Units)

Table 34. Americas Cooled Infrared Sensors Sales Market Share by Country (2020-2025)

Table 35. Americas Cooled Infrared Sensors Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Cooled Infrared Sensors Sales by Type (2020-2025) & (K Units)

Table 37. Americas Cooled Infrared Sensors Sales by Application (2020-2025) & (K Units)

Table 38. APAC Cooled Infrared Sensors Sales by Region (2020-2025) & (K Units)

Table 39. APAC Cooled Infrared Sensors Sales Market Share by Region (2020-2025)

Table 40. APAC Cooled Infrared Sensors Revenue by Region (2020-2025) & (\$ millions)

Table 41. APAC Cooled Infrared Sensors Sales by Type (2020-2025) & (K Units)

Table 42. APAC Cooled Infrared Sensors Sales by Application (2020-2025) & (K Units)

Table 43. Europe Cooled Infrared Sensors Sales by Country (2020-2025) & (K Units)

Table 44. Europe Cooled Infrared Sensors Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe Cooled Infrared Sensors Sales by Type (2020-2025) & (K Units)

Table 46. Europe Cooled Infrared Sensors Sales by Application (2020-2025) & (K Units)

Table 47. Middle East & Africa Cooled Infrared Sensors Sales by Country (2020-2025) & (K Units)

Table 48. Middle East & Africa Cooled Infrared Sensors Revenue Market Share by

Country (2020-2025)

Table 49. Middle East & Africa Cooled Infrared Sensors Sales by Type (2020-2025) & (K Units)

Table 50. Middle East & Africa Cooled Infrared Sensors Sales by Application (2020-2025) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Cooled Infrared Sensors

Table 52. Key Market Challenges & Risks of Cooled Infrared Sensors

Table 53. Key Industry Trends of Cooled Infrared Sensors

Table 54. Cooled Infrared Sensors Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Cooled Infrared Sensors Distributors List

Table 57. Cooled Infrared Sensors Customer List

Table 58. Global Cooled Infrared Sensors Sales Forecast by Region (2026-2031) & (K Units)

Table 59. Global Cooled Infrared Sensors Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 60. Americas Cooled Infrared Sensors Sales Forecast by Country (2026-2031) & (K Units)

Table 61. Americas Cooled Infrared Sensors Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Cooled Infrared Sensors Sales Forecast by Region (2026-2031) & (K Units)

Table 63. APAC Cooled Infrared Sensors Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 64. Europe Cooled Infrared Sensors Sales Forecast by Country (2026-2031) & (K Units)

Table 65. Europe Cooled Infrared Sensors Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Cooled Infrared Sensors Sales Forecast by Country (2026-2031) & (K Units)

Table 67. Middle East & Africa Cooled Infrared Sensors Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Global Cooled Infrared Sensors Sales Forecast by Type (2026-2031) & (K Units)

Table 69. Global Cooled Infrared Sensors Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 70. Global Cooled Infrared Sensors Sales Forecast by Application (2026-2031) & (K Units)

Table 71. Global Cooled Infrared Sensors Revenue Forecast by Application

(2026-2031) & (\$ millions)

Table 72. Murata Manufacturing Basic Information, Cooled Infrared Sensors Manufacturing Base, Sales Area and Its Competitors

Table 73. Murata Manufacturing Cooled Infrared Sensors Product Portfolios and Specifications

Table 74. Murata Manufacturing Cooled Infrared Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 75. Murata Manufacturing Main Business

Table 76. Murata Manufacturing Latest Developments

Table 77. Hamamatsu Photonics Basic Information, Cooled Infrared Sensors Manufacturing Base, Sales Area and Its Competitors

Table 78. Hamamatsu Photonics Cooled Infrared Sensors Product Portfolios and Specifications

Table 79. Hamamatsu Photonics Cooled Infrared Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 80. Hamamatsu Photonics Main Business

Table 81. Hamamatsu Photonics Latest Developments

Table 82. Excelitas Technologie Basic Information, Cooled Infrared Sensors Manufacturing Base, Sales Area and Its Competitors

Table 83. Excelitas Technologie Cooled Infrared Sensors Product Portfolios and Specifications

Table 84. Excelitas Technologie Cooled Infrared Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 85. Excelitas Technologie Main Business

Table 86. Excelitas Technologie Latest Developments

Table 87. Teledyne Basic Information, Cooled Infrared Sensors Manufacturing Base, Sales Area and Its Competitors

Table 88. Teledyne Cooled Infrared Sensors Product Portfolios and Specifications

Table 89. Teledyne Cooled Infrared Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 90. Teledyne Main Business

Table 91. Teledyne Latest Developments

Table 92. Raytheon Basic Information, Cooled Infrared Sensors Manufacturing Base, Sales Area and Its Competitors

Table 93. Raytheon Cooled Infrared Sensors Product Portfolios and Specifications

Table 94. Raytheon Cooled Infrared Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 95. Raytheon Main Business

Table 96. Raytheon Latest Developments

Table 97. InfraTec GmbH Basic Information, Cooled Infrared Sensors Manufacturing Base, Sales Area and Its Competitors

Table 98. InfraTec GmbH Cooled Infrared Sensors Product Portfolios and Specifications

Table 99. InfraTec GmbH Cooled Infrared Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 100. InfraTec GmbH Main Business

Table 101. InfraTec GmbH Latest Developments

Table 102. FLIR Systems Basic Information, Cooled Infrared Sensors Manufacturing Base, Sales Area and Its Competitors

Table 103. FLIR Systems Cooled Infrared Sensors Product Portfolios and Specifications

Table 104. FLIR Systems Cooled Infrared Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 105. FLIR Systems Main Business

Table 106. FLIR Systems Latest Developments

Table 107. Nippon Avionics Basic Information, Cooled Infrared Sensors Manufacturing Base, Sales Area and Its Competitors

Table 108. Nippon Avionics Cooled Infrared Sensors Product Portfolios and Specifications

Table 109. Nippon Avionics Cooled Infrared Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 110. Nippon Avionics Main Business

Table 111. Nippon Avionics Latest Developments

Table 112. Honeywell International Basic Information, Cooled Infrared Sensors Manufacturing Base, Sales Area and Its Competitors

Table 113. Honeywell International Cooled Infrared Sensors Product Portfolios and Specifications

Table 114. Honeywell International Cooled Infrared Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 115. Honeywell International Main Business

Table 116. Honeywell International Latest Developments

Table 117. Texas Instruments Basic Information, Cooled Infrared Sensors Manufacturing Base, Sales Area and Its Competitors

Table 118. Texas Instruments Cooled Infrared Sensors Product Portfolios and Specifications

Table 119. Texas Instruments Cooled Infrared Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 120. Texas Instruments Main Business

Table 121. Texas Instruments Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Cooled Infrared Sensors
- Figure 2. Cooled Infrared Sensors Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Cooled Infrared Sensors Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Cooled Infrared Sensors Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Cooled Infrared Sensors Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Cooled Infrared Sensors Sales Market Share by Country/Region (2024)
- Figure 10. Cooled Infrared Sensors Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Thermal
- Figure 12. Product Picture of Quantum
- Figure 13. Global Cooled Infrared Sensors Sales Market Share by Type in 2025
- Figure 14. Global Cooled Infrared Sensors Revenue Market Share by Type (2020-2025)
- Figure 15. Cooled Infrared Sensors Consumed in Consumer Electronics
- Figure 16. Global Cooled Infrared Sensors Market: Consumer Electronics (2020-2025) & (K Units)
- Figure 17. Cooled Infrared Sensors Consumed in Aerospace and Defense
- Figure 18. Global Cooled Infrared Sensors Market: Aerospace and Defense (2020-2025) & (K Units)
- Figure 19. Cooled Infrared Sensors Consumed in Mining
- Figure 20. Global Cooled Infrared Sensors Market: Mining (2020-2025) & (K Units)
- Figure 21. Cooled Infrared Sensors Consumed in Oil and Gas
- Figure 22. Global Cooled Infrared Sensors Market: Oil and Gas (2020-2025) & (K Units)
- Figure 23. Cooled Infrared Sensors Consumed in Other
- Figure 24. Global Cooled Infrared Sensors Market: Other (2020-2025) & (K Units)
- Figure 25. Global Cooled Infrared Sensors Sale Market Share by Application (2024)
- Figure 26. Global Cooled Infrared Sensors Revenue Market Share by Application in 2025
- Figure 27. Cooled Infrared Sensors Sales by Company in 2025 (K Units)
- Figure 28. Global Cooled Infrared Sensors Sales Market Share by Company in 2025
- Figure 29. Cooled Infrared Sensors Revenue by Company in 2025 (\$ millions)
- Figure 30. Global Cooled Infrared Sensors Revenue Market Share by Company in 2025

Figure 31. Global Cooled Infrared Sensors Sales Market Share by Geographic Region (2020-2025)

Figure 32. Global Cooled Infrared Sensors Revenue Market Share by Geographic Region in 2025

Figure 33. Americas Cooled Infrared Sensors Sales 2020-2025 (K Units)

Figure 34. Americas Cooled Infrared Sensors Revenue 2020-2025 (\$ millions)

Figure 35. APAC Cooled Infrared Sensors Sales 2020-2025 (K Units)

Figure 36. APAC Cooled Infrared Sensors Revenue 2020-2025 (\$ millions)

Figure 37. Europe Cooled Infrared Sensors Sales 2020-2025 (K Units)

Figure 38. Europe Cooled Infrared Sensors Revenue 2020-2025 (\$ millions)

Figure 39. Middle East & Africa Cooled Infrared Sensors Sales 2020-2025 (K Units)

Figure 40. Middle East & Africa Cooled Infrared Sensors Revenue 2020-2025 (\$ millions)

Figure 41. Americas Cooled Infrared Sensors Sales Market Share by Country in 2025

Figure 42. Americas Cooled Infrared Sensors Revenue Market Share by Country (2020-2025)

Figure 43. Americas Cooled Infrared Sensors Sales Market Share by Type (2020-2025)

Figure 44. Americas Cooled Infrared Sensors Sales Market Share by Application (2020-2025)

Figure 45. United States Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 46. Canada Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 47. Mexico Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 48. Brazil Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 49. APAC Cooled Infrared Sensors Sales Market Share by Region in 2025

Figure 50. APAC Cooled Infrared Sensors Revenue Market Share by Region (2020-2025)

Figure 51. APAC Cooled Infrared Sensors Sales Market Share by Type (2020-2025)

Figure 52. APAC Cooled Infrared Sensors Sales Market Share by Application (2020-2025)

Figure 53. China Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 54. Japan Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 55. South Korea Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 56. Southeast Asia Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 57. India Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 58. Australia Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 59. China Taiwan Cooled Infrared Sensors Revenue Growth 2020-2025 (\$

millions)

Figure 60. Europe Cooled Infrared Sensors Sales Market Share by Country in 2025

Figure 61. Europe Cooled Infrared Sensors Revenue Market Share by Country (2020-2025)

Figure 62. Europe Cooled Infrared Sensors Sales Market Share by Type (2020-2025)

Figure 63. Europe Cooled Infrared Sensors Sales Market Share by Application (2020-2025)

Figure 64. Germany Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 65. France Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 66. UK Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 67. Italy Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 68. Russia Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 69. Middle East & Africa Cooled Infrared Sensors Sales Market Share by Country (2020-2025)

Figure 70. Middle East & Africa Cooled Infrared Sensors Sales Market Share by Type (2020-2025)

Figure 71. Middle East & Africa Cooled Infrared Sensors Sales Market Share by Application (2020-2025)

Figure 72. Egypt Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 73. South Africa Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 74. Israel Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 75. Turkey Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 76. GCC Countries Cooled Infrared Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 77. Manufacturing Cost Structure Analysis of Cooled Infrared Sensors in 2025

Figure 78. Manufacturing Process Analysis of Cooled Infrared Sensors

Figure 79. Industry Chain Structure of Cooled Infrared Sensors

Figure 80. Channels of Distribution

Figure 81. Global Cooled Infrared Sensors Sales Market Forecast by Region (2026-2031)

Figure 82. Global Cooled Infrared Sensors Revenue Market Share Forecast by Region (2026-2031)

Figure 83. Global Cooled Infrared Sensors Sales Market Share Forecast by Type (2026-2031)

Figure 84. Global Cooled Infrared Sensors Revenue Market Share Forecast by Type (2026-2031)

Figure 85. Global Cooled Infrared Sensors Sales Market Share Forecast by Application (2026-2031)

Figure 86. Global Cooled Infrared Sensors Revenue Market Share Forecast by Application (2026-2031)

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