

Global Automotive Thermal Imaging Night Vision System Market Growth 2025-2031

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Abstracts

The global Automotive Thermal Imaging Night Vision System market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of %from 2025 to 2031.

The automotive thermal imaging night vision system is developed for advanced assisted driving systems and unmanned driving systems. It uses car-level infrared cameras and infrared detector chips to detect the infrared energy radiated from the surface of objects, which is not easily affected by the weather. It can still clearly detect pedestrians, vehicles and other targets in front of it even under the weather conditions; it can realize image display, target recognition, safety warning and other functions, and provide safe and reliable protection for cars in bad weather such as night and smog.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

LP Information, Inc. (LPI) ' newest research report, the "Automotive Thermal Imaging

"Night Vision System Industry Forecast" looks at past sales and reviews total world Automotive Thermal Imaging Night Vision System sales in 2024, providing a comprehensive analysis by region and market sector of projected Automotive Thermal Imaging Night Vision System sales for 2025 through 2031. With Automotive Thermal Imaging Night Vision System sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive Thermal Imaging Night Vision System industry.

This Insight Report provides a comprehensive analysis of the global Automotive Thermal Imaging Night Vision System 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 Automotive Thermal Imaging Night Vision System portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Thermal Imaging Night Vision System market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Thermal Imaging Night Vision System 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 Automotive Thermal Imaging Night Vision System.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Thermal Imaging Night Vision System market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Active Infrared Irradiation

Passive Infrared Irradiation

Segmentation by Application:

Passenger Vehicles

Commercial Vehicles

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.

Kyocera

Raytheon Company

DRS

Speedir

AUTOLIV

FLIR

InfiRay

Ophir Optronics

GSTiR

SATIR

Thermascan

Guide Sensmart

SAT

Lumada

ZTLC

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive Thermal Imaging Night Vision System market?

What factors are driving Automotive Thermal Imaging Night Vision System market growth, globally and by region?

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

How do Automotive Thermal Imaging Night Vision System market opportunities vary by end market size?

How does Automotive Thermal Imaging Night Vision System 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 Automotive Thermal Imaging Night Vision System Annual Sales 2020-2031

2.1.2 World Current & Future Analysis for Automotive Thermal Imaging Night Vision System by Geographic Region, 2020, 2024 & 2031

2.1.3 World Current & Future Analysis for Automotive Thermal Imaging Night Vision System by Country/Region, 2020, 2024 & 2031

2.2 Automotive Thermal Imaging Night Vision System Segment by Type

2.2.1 Active Infrared Irradiation

2.2.2 Passive Infrared Irradiation

2.3 Automotive Thermal Imaging Night Vision System Sales by Type

2.3.1 Global Automotive Thermal Imaging Night Vision System Sales Market Share by Type (2020-2025)

2.3.2 Global Automotive Thermal Imaging Night Vision System Revenue and Market Share by Type (2020-2025)

2.3.3 Global Automotive Thermal Imaging Night Vision System Sale Price by Type (2020-2025)

2.4 Automotive Thermal Imaging Night Vision System Segment by Application

2.4.1 Passenger Vehicles

2.4.2 Commercial Vehicles

2.5 Automotive Thermal Imaging Night Vision System Sales by Application

2.5.1 Global Automotive Thermal Imaging Night Vision System Sale Market Share by Application (2020-2025)

2.5.2 Global Automotive Thermal Imaging Night Vision System Revenue and Market

Share by Application (2020-2025)

2.5.3 Global Automotive Thermal Imaging Night Vision System Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Automotive Thermal Imaging Night Vision System Breakdown Data by Company

3.1.1 Global Automotive Thermal Imaging Night Vision System Annual Sales by Company (2020-2025)

3.1.2 Global Automotive Thermal Imaging Night Vision System Sales Market Share by Company (2020-2025)

3.2 Global Automotive Thermal Imaging Night Vision System Annual Revenue by Company (2020-2025)

3.2.1 Global Automotive Thermal Imaging Night Vision System Revenue by Company (2020-2025)

3.2.2 Global Automotive Thermal Imaging Night Vision System Revenue Market Share by Company (2020-2025)

3.3 Global Automotive Thermal Imaging Night Vision System Sale Price by Company

3.4 Key Manufacturers Automotive Thermal Imaging Night Vision System Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Automotive Thermal Imaging Night Vision System Product Location Distribution

3.4.2 Players Automotive Thermal Imaging Night Vision System 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 AUTOMOTIVE THERMAL IMAGING NIGHT VISION SYSTEM BY GEOGRAPHIC REGION

4.1 World Historic Automotive Thermal Imaging Night Vision System Market Size by Geographic Region (2020-2025)

4.1.1 Global Automotive Thermal Imaging Night Vision System Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Automotive Thermal Imaging Night Vision System Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Automotive Thermal Imaging Night Vision System Market Size by Country/Region (2020-2025)

4.2.1 Global Automotive Thermal Imaging Night Vision System Annual Sales by Country/Region (2020-2025)

4.2.2 Global Automotive Thermal Imaging Night Vision System Annual Revenue by Country/Region (2020-2025)

4.3 Americas Automotive Thermal Imaging Night Vision System Sales Growth

4.4 APAC Automotive Thermal Imaging Night Vision System Sales Growth

4.5 Europe Automotive Thermal Imaging Night Vision System Sales Growth

4.6 Middle East & Africa Automotive Thermal Imaging Night Vision System Sales Growth

5 AMERICAS

5.1 Americas Automotive Thermal Imaging Night Vision System Sales by Country

5.1.1 Americas Automotive Thermal Imaging Night Vision System Sales by Country (2020-2025)

5.1.2 Americas Automotive Thermal Imaging Night Vision System Revenue by Country (2020-2025)

5.2 Americas Automotive Thermal Imaging Night Vision System Sales by Type (2020-2025)

5.3 Americas Automotive Thermal Imaging Night Vision System Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Automotive Thermal Imaging Night Vision System Sales by Region

6.1.1 APAC Automotive Thermal Imaging Night Vision System Sales by Region (2020-2025)

6.1.2 APAC Automotive Thermal Imaging Night Vision System Revenue by Region (2020-2025)

6.2 APAC Automotive Thermal Imaging Night Vision System Sales by Type (2020-2025)

6.3 APAC Automotive Thermal Imaging Night Vision System 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 Automotive Thermal Imaging Night Vision System by Country
 - 7.1.1 Europe Automotive Thermal Imaging Night Vision System Sales by Country (2020-2025)
 - 7.1.2 Europe Automotive Thermal Imaging Night Vision System Revenue by Country (2020-2025)
- 7.2 Europe Automotive Thermal Imaging Night Vision System Sales by Type (2020-2025)
- 7.3 Europe Automotive Thermal Imaging Night Vision System 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 Automotive Thermal Imaging Night Vision System by Country
 - 8.1.1 Middle East & Africa Automotive Thermal Imaging Night Vision System Sales by Country (2020-2025)
 - 8.1.2 Middle East & Africa Automotive Thermal Imaging Night Vision System Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Automotive Thermal Imaging Night Vision System Sales by Type (2020-2025)
- 8.3 Middle East & Africa Automotive Thermal Imaging Night Vision System 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 Automotive Thermal Imaging Night Vision System

10.3 Manufacturing Process Analysis of Automotive Thermal Imaging Night Vision System

10.4 Industry Chain Structure of Automotive Thermal Imaging Night Vision System

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Automotive Thermal Imaging Night Vision System Distributors

11.3 Automotive Thermal Imaging Night Vision System Customer

12 WORLD FORECAST REVIEW FOR AUTOMOTIVE THERMAL IMAGING NIGHT VISION SYSTEM BY GEOGRAPHIC REGION

12.1 Global Automotive Thermal Imaging Night Vision System Market Size Forecast by Region

12.1.1 Global Automotive Thermal Imaging Night Vision System Forecast by Region (2026-2031)

12.1.2 Global Automotive Thermal Imaging Night Vision System 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 Automotive Thermal Imaging Night Vision System Forecast by Type
(2026-2031)

12.7 Global Automotive Thermal Imaging Night Vision System Forecast by Application
(2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Kyocera

13.1.1 Kyocera Company Information

13.1.2 Kyocera Automotive Thermal Imaging Night Vision System Product Portfolios
and Specifications

13.1.3 Kyocera Automotive Thermal Imaging Night Vision System Sales, Revenue,
Price and Gross Margin (2020-2025)

13.1.4 Kyocera Main Business Overview

13.1.5 Kyocera Latest Developments

13.2 Raytheon Company

13.2.1 Raytheon Company Company Information

13.2.2 Raytheon Company Automotive Thermal Imaging Night Vision System Product
Portfolios and Specifications

13.2.3 Raytheon Company Automotive Thermal Imaging Night Vision System Sales,
Revenue, Price and Gross Margin (2020-2025)

13.2.4 Raytheon Company Main Business Overview

13.2.5 Raytheon Company Latest Developments

13.3 DRS

13.3.1 DRS Company Information

13.3.2 DRS Automotive Thermal Imaging Night Vision System Product Portfolios and
Specifications

13.3.3 DRS Automotive Thermal Imaging Night Vision System Sales, Revenue, Price
and Gross Margin (2020-2025)

13.3.4 DRS Main Business Overview

13.3.5 DRS Latest Developments

13.4 Speedir

13.4.1 Speedir Company Information

13.4.2 Speedir Automotive Thermal Imaging Night Vision System Product Portfolios
and Specifications

13.4.3 Speedir Automotive Thermal Imaging Night Vision System Sales, Revenue,
Price and Gross Margin (2020-2025)

13.4.4 Speedir Main Business Overview

13.4.5 Speedir Latest Developments

13.5 AUTOLIV

13.5.1 AUTOLIV Company Information

13.5.2 AUTOLIV Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

13.5.3 AUTOLIV Automotive Thermal Imaging Night Vision System Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 AUTOLIV Main Business Overview

13.5.5 AUTOLIV Latest Developments

13.6 FLIR

13.6.1 FLIR Company Information

13.6.2 FLIR Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

13.6.3 FLIR Automotive Thermal Imaging Night Vision System Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 FLIR Main Business Overview

13.6.5 FLIR Latest Developments

13.7 InfiRay

13.7.1 InfiRay Company Information

13.7.2 InfiRay Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

13.7.3 InfiRay Automotive Thermal Imaging Night Vision System Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 InfiRay Main Business Overview

13.7.5 InfiRay Latest Developments

13.8 Ophir Optronics

13.8.1 Ophir Optronics Company Information

13.8.2 Ophir Optronics Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

13.8.3 Ophir Optronics Automotive Thermal Imaging Night Vision System Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Ophir Optronics Main Business Overview

13.8.5 Ophir Optronics Latest Developments

13.9 GSTiR

13.9.1 GSTiR Company Information

13.9.2 GSTiR Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

13.9.3 GSTiR Automotive Thermal Imaging Night Vision System Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 GSTiR Main Business Overview

- 13.9.5 GSTiR Latest Developments
- 13.10 SATIR
 - 13.10.1 SATIR Company Information
 - 13.10.2 SATIR Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications
 - 13.10.3 SATIR Automotive Thermal Imaging Night Vision System Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.10.4 SATIR Main Business Overview
 - 13.10.5 SATIR Latest Developments
- 13.11 Thermascan
 - 13.11.1 Thermascan Company Information
 - 13.11.2 Thermascan Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications
 - 13.11.3 Thermascan Automotive Thermal Imaging Night Vision System Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.11.4 Thermascan Main Business Overview
 - 13.11.5 Thermascan Latest Developments
- 13.12 Guide Sensmart
 - 13.12.1 Guide Sensmart Company Information
 - 13.12.2 Guide Sensmart Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications
 - 13.12.3 Guide Sensmart Automotive Thermal Imaging Night Vision System Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.12.4 Guide Sensmart Main Business Overview
 - 13.12.5 Guide Sensmart Latest Developments
- 13.13 SAT
 - 13.13.1 SAT Company Information
 - 13.13.2 SAT Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications
 - 13.13.3 SAT Automotive Thermal Imaging Night Vision System Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.13.4 SAT Main Business Overview
 - 13.13.5 SAT Latest Developments
- 13.14 Lumada
 - 13.14.1 Lumada Company Information
 - 13.14.2 Lumada Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications
 - 13.14.3 Lumada Automotive Thermal Imaging Night Vision System Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 Lumada Main Business Overview

13.14.5 Lumada Latest Developments

13.15 ZTLC

13.15.1 ZTLC Company Information

13.15.2 ZTLC Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

13.15.3 ZTLC Automotive Thermal Imaging Night Vision System Sales, Revenue, Price and Gross Margin (2020-2025)

13.15.4 ZTLC Main Business Overview

13.15.5 ZTLC Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Automotive Thermal Imaging Night Vision System Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Automotive Thermal Imaging Night Vision System Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Active Infrared Irradiation

Table 4. Major Players of Passive Infrared Irradiation

Table 5. Global Automotive Thermal Imaging Night Vision System Sales by Type (2020-2025) & (K Units)

Table 6. Global Automotive Thermal Imaging Night Vision System Sales Market Share by Type (2020-2025)

Table 7. Global Automotive Thermal Imaging Night Vision System Revenue by Type (2020-2025) & (\$ million)

Table 8. Global Automotive Thermal Imaging Night Vision System Revenue Market Share by Type (2020-2025)

Table 9. Global Automotive Thermal Imaging Night Vision System Sale Price by Type (2020-2025) & (US\$/Unit)

Table 10. Global Automotive Thermal Imaging Night Vision System Sale by Application (2020-2025) & (K Units)

Table 11. Global Automotive Thermal Imaging Night Vision System Sale Market Share by Application (2020-2025)

Table 12. Global Automotive Thermal Imaging Night Vision System Revenue by Application (2020-2025) & (\$ million)

Table 13. Global Automotive Thermal Imaging Night Vision System Revenue Market Share by Application (2020-2025)

Table 14. Global Automotive Thermal Imaging Night Vision System Sale Price by Application (2020-2025) & (US\$/Unit)

Table 15. Global Automotive Thermal Imaging Night Vision System Sales by Company (2020-2025) & (K Units)

Table 16. Global Automotive Thermal Imaging Night Vision System Sales Market Share by Company (2020-2025)

Table 17. Global Automotive Thermal Imaging Night Vision System Revenue by Company (2020-2025) & (\$ millions)

Table 18. Global Automotive Thermal Imaging Night Vision System Revenue Market Share by Company (2020-2025)

Table 19. Global Automotive Thermal Imaging Night Vision System Sale Price by

Company (2020-2025) & (US\$/Unit)

Table 20. Key Manufacturers Automotive Thermal Imaging Night Vision System
Producing Area Distribution and Sales Area

Table 21. Players Automotive Thermal Imaging Night Vision System Products Offered

Table 22. Automotive Thermal Imaging Night Vision System 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 Automotive Thermal Imaging Night Vision System Sales by
Geographic Region (2020-2025) & (K Units)

Table 26. Global Automotive Thermal Imaging Night Vision System Sales Market Share
Geographic Region (2020-2025)

Table 27. Global Automotive Thermal Imaging Night Vision System Revenue by
Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Automotive Thermal Imaging Night Vision System Revenue Market
Share by Geographic Region (2020-2025)

Table 29. Global Automotive Thermal Imaging Night Vision System Sales by
Country/Region (2020-2025) & (K Units)

Table 30. Global Automotive Thermal Imaging Night Vision System Sales Market Share
by Country/Region (2020-2025)

Table 31. Global Automotive Thermal Imaging Night Vision System Revenue by
Country/Region (2020-2025) & (\$ millions)

Table 32. Global Automotive Thermal Imaging Night Vision System Revenue Market
Share by Country/Region (2020-2025)

Table 33. Americas Automotive Thermal Imaging Night Vision System Sales by Country
(2020-2025) & (K Units)

Table 34. Americas Automotive Thermal Imaging Night Vision System Sales Market
Share by Country (2020-2025)

Table 35. Americas Automotive Thermal Imaging Night Vision System Revenue by
Country (2020-2025) & (\$ millions)

Table 36. Americas Automotive Thermal Imaging Night Vision System Sales by Type
(2020-2025) & (K Units)

Table 37. Americas Automotive Thermal Imaging Night Vision System Sales by
Application (2020-2025) & (K Units)

Table 38. APAC Automotive Thermal Imaging Night Vision System Sales by Region
(2020-2025) & (K Units)

Table 39. APAC Automotive Thermal Imaging Night Vision System Sales Market Share
by Region (2020-2025)

Table 40. APAC Automotive Thermal Imaging Night Vision System Revenue by Region

(2020-2025) & (\$ millions)

Table 41. APAC Automotive Thermal Imaging Night Vision System Sales by Type
(2020-2025) & (K Units)

Table 42. APAC Automotive Thermal Imaging Night Vision System Sales by Application
(2020-2025) & (K Units)

Table 43. Europe Automotive Thermal Imaging Night Vision System Sales by Country
(2020-2025) & (K Units)

Table 44. Europe Automotive Thermal Imaging Night Vision System Revenue by
Country (2020-2025) & (\$ millions)

Table 45. Europe Automotive Thermal Imaging Night Vision System Sales by Type
(2020-2025) & (K Units)

Table 46. Europe Automotive Thermal Imaging Night Vision System Sales by
Application (2020-2025) & (K Units)

Table 47. Middle East & Africa Automotive Thermal Imaging Night Vision System Sales
by Country (2020-2025) & (K Units)

Table 48. Middle East & Africa Automotive Thermal Imaging Night Vision System
Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Automotive Thermal Imaging Night Vision System Sales
by Type (2020-2025) & (K Units)

Table 50. Middle East & Africa Automotive Thermal Imaging Night Vision System Sales
by Application (2020-2025) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Automotive Thermal Imaging
Night Vision System

Table 52. Key Market Challenges & Risks of Automotive Thermal Imaging Night Vision
System

Table 53. Key Industry Trends of Automotive Thermal Imaging Night Vision System

Table 54. Automotive Thermal Imaging Night Vision System Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Automotive Thermal Imaging Night Vision System Distributors List

Table 57. Automotive Thermal Imaging Night Vision System Customer List

Table 58. Global Automotive Thermal Imaging Night Vision System Sales Forecast by
Region (2026-2031) & (K Units)

Table 59. Global Automotive Thermal Imaging Night Vision System Revenue Forecast
by Region (2026-2031) & (\$ millions)

Table 60. Americas Automotive Thermal Imaging Night Vision System Sales Forecast
by Country (2026-2031) & (K Units)

Table 61. Americas Automotive Thermal Imaging Night Vision System Annual Revenue
Forecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Automotive Thermal Imaging Night Vision System Sales Forecast by

Region (2026-2031) & (K Units)

Table 63. APAC Automotive Thermal Imaging Night Vision System Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 64. Europe Automotive Thermal Imaging Night Vision System Sales Forecast by Country (2026-2031) & (K Units)

Table 65. Europe Automotive Thermal Imaging Night Vision System Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Automotive Thermal Imaging Night Vision System Sales Forecast by Country (2026-2031) & (K Units)

Table 67. Middle East & Africa Automotive Thermal Imaging Night Vision System Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Global Automotive Thermal Imaging Night Vision System Sales Forecast by Type (2026-2031) & (K Units)

Table 69. Global Automotive Thermal Imaging Night Vision System Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 70. Global Automotive Thermal Imaging Night Vision System Sales Forecast by Application (2026-2031) & (K Units)

Table 71. Global Automotive Thermal Imaging Night Vision System Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 72. Kyocera Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 73. Kyocera Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 74. Kyocera Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 75. Kyocera Main Business

Table 76. Kyocera Latest Developments

Table 77. Raytheon Company Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 78. Raytheon Company Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 79. Raytheon Company Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 80. Raytheon Company Main Business

Table 81. Raytheon Company Latest Developments

Table 82. DRS Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 83. DRS Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 84. DRS Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 85. DRS Main Business

Table 86. DRS Latest Developments

Table 87. Speedir Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 88. Speedir Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 89. Speedir Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 90. Speedir Main Business

Table 91. Speedir Latest Developments

Table 92. AUTOLIV Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 93. AUTOLIV Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 94. AUTOLIV Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 95. AUTOLIV Main Business

Table 96. AUTOLIV Latest Developments

Table 97. FLIR Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 98. FLIR Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 99. FLIR Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 100. FLIR Main Business

Table 101. FLIR Latest Developments

Table 102. InfiRay Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 103. InfiRay Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 104. InfiRay Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 105. InfiRay Main Business

Table 106. InfiRay Latest Developments

Table 107. Ophir Optronics Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 108. Ophir Optronics Automotive Thermal Imaging Night Vision System Product

Portfolios and Specifications

Table 109. Ophir Optronics Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 110. Ophir Optronics Main Business

Table 111. Ophir Optronics Latest Developments

Table 112. GSTiR Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 113. GSTiR Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 114. GSTiR Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 115. GSTiR Main Business

Table 116. GSTiR Latest Developments

Table 117. SATiR Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 118. SATiR Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 119. SATiR Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 120. SATiR Main Business

Table 121. SATiR Latest Developments

Table 122. Thermascan Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 123. Thermascan Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 124. Thermascan Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 125. Thermascan Main Business

Table 126. Thermascan Latest Developments

Table 127. Guide Sensmart Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 128. Guide Sensmart Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 129. Guide Sensmart Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 130. Guide Sensmart Main Business

Table 131. Guide Sensmart Latest Developments

Table 132. SAT Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 133. SAT Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 134. SAT Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 135. SAT Main Business

Table 136. SAT Latest Developments

Table 137. Lumada Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 138. Lumada Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 139. Lumada Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 140. Lumada Main Business

Table 141. Lumada Latest Developments

Table 142. ZTLC Basic Information, Automotive Thermal Imaging Night Vision System Manufacturing Base, Sales Area and Its Competitors

Table 143. ZTLC Automotive Thermal Imaging Night Vision System Product Portfolios and Specifications

Table 144. ZTLC Automotive Thermal Imaging Night Vision System Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 145. ZTLC Main Business

Table 146. ZTLC Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Automotive Thermal Imaging Night Vision System

Figure 2. Automotive Thermal Imaging Night Vision System Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Automotive Thermal Imaging Night Vision System Sales Growth Rate 2020-2031 (K Units)

Figure 7. Global Automotive Thermal Imaging Night Vision System Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. Automotive Thermal Imaging Night Vision System Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. Automotive Thermal Imaging Night Vision System Sales Market Share by Country/Region (2024)

Figure 10. Automotive Thermal Imaging Night Vision System Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of Active Infrared Irradiation

Figure 12. Product Picture of Passive Infrared Irradiation

Figure 13. Global Automotive Thermal Imaging Night Vision System Sales Market Share by Type in 2025

Figure 14. Global Automotive Thermal Imaging Night Vision System Revenue Market Share by Type (2020-2025)

Figure 15. Automotive Thermal Imaging Night Vision System Consumed in Passenger Vehicles

Figure 16. Global Automotive Thermal Imaging Night Vision System Market: Passenger Vehicles (2020-2025) & (K Units)

Figure 17. Automotive Thermal Imaging Night Vision System Consumed in Commercial Vehicles

Figure 18. Global Automotive Thermal Imaging Night Vision System Market: Commercial Vehicles (2020-2025) & (K Units)

Figure 19. Global Automotive Thermal Imaging Night Vision System Sale Market Share by Application (2024)

Figure 20. Global Automotive Thermal Imaging Night Vision System Revenue Market Share by Application in 2025

Figure 21. Automotive Thermal Imaging Night Vision System Sales by Company in 2025 (K Units)

Figure 22. Global Automotive Thermal Imaging Night Vision System Sales Market Share by Company in 2025

Figure 23. Automotive Thermal Imaging Night Vision System Revenue by Company in 2025 (\$ millions)

Figure 24. Global Automotive Thermal Imaging Night Vision System Revenue Market Share by Company in 2025

Figure 25. Global Automotive Thermal Imaging Night Vision System Sales Market Share by Geographic Region (2020-2025)

Figure 26. Global Automotive Thermal Imaging Night Vision System Revenue Market Share by Geographic Region in 2025

Figure 27. Americas Automotive Thermal Imaging Night Vision System Sales 2020-2025 (K Units)

Figure 28. Americas Automotive Thermal Imaging Night Vision System Revenue 2020-2025 (\$ millions)

Figure 29. APAC Automotive Thermal Imaging Night Vision System Sales 2020-2025 (K Units)

Figure 30. APAC Automotive Thermal Imaging Night Vision System Revenue 2020-2025 (\$ millions)

Figure 31. Europe Automotive Thermal Imaging Night Vision System Sales 2020-2025 (K Units)

Figure 32. Europe Automotive Thermal Imaging Night Vision System Revenue 2020-2025 (\$ millions)

Figure 33. Middle East & Africa Automotive Thermal Imaging Night Vision System Sales 2020-2025 (K Units)

Figure 34. Middle East & Africa Automotive Thermal Imaging Night Vision System Revenue 2020-2025 (\$ millions)

Figure 35. Americas Automotive Thermal Imaging Night Vision System Sales Market Share by Country in 2025

Figure 36. Americas Automotive Thermal Imaging Night Vision System Revenue Market Share by Country (2020-2025)

Figure 37. Americas Automotive Thermal Imaging Night Vision System Sales Market Share by Type (2020-2025)

Figure 38. Americas Automotive Thermal Imaging Night Vision System Sales Market Share by Application (2020-2025)

Figure 39. United States Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 40. Canada Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 41. Mexico Automotive Thermal Imaging Night Vision System Revenue Growth

2020-2025 (\$ millions)

Figure 42. Brazil Automotive Thermal Imaging Night Vision System Revenue Growth

2020-2025 (\$ millions)

Figure 43. APAC Automotive Thermal Imaging Night Vision System Sales Market Share by Region in 2025

Figure 44. APAC Automotive Thermal Imaging Night Vision System Revenue Market Share by Region (2020-2025)

Figure 45. APAC Automotive Thermal Imaging Night Vision System Sales Market Share by Type (2020-2025)

Figure 46. APAC Automotive Thermal Imaging Night Vision System Sales Market Share by Application (2020-2025)

Figure 47. China Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 48. Japan Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 49. South Korea Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 50. Southeast Asia Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 51. India Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 52. Australia Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 53. China Taiwan Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 54. Europe Automotive Thermal Imaging Night Vision System Sales Market Share by Country in 2025

Figure 55. Europe Automotive Thermal Imaging Night Vision System Revenue Market Share by Country (2020-2025)

Figure 56. Europe Automotive Thermal Imaging Night Vision System Sales Market Share by Type (2020-2025)

Figure 57. Europe Automotive Thermal Imaging Night Vision System Sales Market Share by Application (2020-2025)

Figure 58. Germany Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 59. France Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 60. UK Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 61. Italy Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 62. Russia Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 63. Middle East & Africa Automotive Thermal Imaging Night Vision System Sales Market Share by Country (2020-2025)

Figure 64. Middle East & Africa Automotive Thermal Imaging Night Vision System Sales Market Share by Type (2020-2025)

Figure 65. Middle East & Africa Automotive Thermal Imaging Night Vision System Sales Market Share by Application (2020-2025)

Figure 66. Egypt Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 67. South Africa Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 68. Israel Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 69. Turkey Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 70. GCC Countries Automotive Thermal Imaging Night Vision System Revenue Growth 2020-2025 (\$ millions)

Figure 71. Manufacturing Cost Structure Analysis of Automotive Thermal Imaging Night Vision System in 2025

Figure 72. Manufacturing Process Analysis of Automotive Thermal Imaging Night Vision System

Figure 73. Industry Chain Structure of Automotive Thermal Imaging Night Vision System

Figure 74. Channels of Distribution

Figure 75. Global Automotive Thermal Imaging Night Vision System Sales Market Forecast by Region (2026-2031)

Figure 76. Global Automotive Thermal Imaging Night Vision System Revenue Market Share Forecast by Region (2026-2031)

Figure 77. Global Automotive Thermal Imaging Night Vision System Sales Market Share Forecast by Type (2026-2031)

Figure 78. Global Automotive Thermal Imaging Night Vision System Revenue Market Share Forecast by Type (2026-2031)

Figure 79. Global Automotive Thermal Imaging Night Vision System Sales Market Share Forecast by Application (2026-2031)

Figure 80. Global Automotive Thermal Imaging Night Vision System Revenue Market Share Forecast by Application (2026-2031)

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