

# Global Handheld Thermal Binocular Market Research Report 2026(Status and Outlook)

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## Abstracts

Handheld Thermal Binocular is an optical device integrated with advanced infrared thermal imaging technology, designed for observation in all-weather and all-environment conditions. It detects the infrared radiation emitted by objects to generate clear thermal images, enabling efficient detection and identification even in complete darkness, smoke, or adverse weather conditions. This device is widely used in border patrol, search and rescue operations, wildlife observation, forest fire prevention, and law enforcement, offering high portability, superior imaging quality, and user-friendly operation.

The global Handheld Thermal Binocular market size was estimated at USD 164.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 4.60% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Handheld Thermal Binocular market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Handheld Thermal Binocular market. It offers detailed profiles of major players, including their

market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Handheld Thermal Binocular market.

## **Global Handheld Thermal Binocular Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

Yukon Advanced Optics

ATN

Orpha

IRay Technology

Armasight (Teledyne)

LUNA OPTICS

Night Owl Optics

Nitehog

### **Market Segmentation (by Type)**

Optoelectronic Image Enhancement Technology

Digital Image Enhancement Technology

### **Market Segmentation (by Application)**

Security Law Enforcement  
Rescue Operations  
Outdoor Adventure  
Other

### **Geographic Segmentation**

North America (USA, Canada, Mexico)  
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)  
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)  
South America (Brazil, Argentina, Columbia, Rest of South America)  
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

### **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study  
Neutral perspective on the market performance  
Recent industry trends and developments  
Competitive landscape & strategies of key players  
Potential & niche segments and regions exhibiting promising growth covered  
Historical, current, and projected market size, in terms of value  
In-depth analysis of the Handheld Thermal Binocular Market  
Overview of the regional outlook of the Handheld Thermal Binocular Market:

### **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

### **Chapter Outline**

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the

Handheld Thermal Binocular Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Handheld Thermal Binocular, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical

and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### **Customization of the Report**

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## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Handheld Thermal Binocular
- 1.2 Key Market Segments
  - 1.2.1 Handheld Thermal Binocular Segment by Type
  - 1.2.2 Handheld Thermal Binocular Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 HANDHELD THERMAL BINOCULAR MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Handheld Thermal Binocular Market Size (M USD) Estimates and Forecasts (2020-2035)
  - 2.1.2 Global Handheld Thermal Binocular Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 HANDHELD THERMAL BINOCULAR MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Handheld Thermal Binocular Product Life Cycle
- 3.3 Global Handheld Thermal Binocular Sales by Manufacturers (2020-2025)
- 3.4 Global Handheld Thermal Binocular Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Handheld Thermal Binocular Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Handheld Thermal Binocular Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Handheld Thermal Binocular Market Competitive Situation and Trends
  - 3.8.1 Handheld Thermal Binocular Market Concentration Rate
  - 3.8.2 Global 5 and 10 Largest Handheld Thermal Binocular Players Market Share by Revenue

### 3.8.3 Mergers & Acquisitions, Expansion

## **4 HANDHELD THERMAL BINOCULAR INDUSTRY CHAIN ANALYSIS**

### 4.1 Handheld Thermal Binocular Industry Chain Analysis

### 4.2 Market Overview of Key Raw Materials

### 4.3 Midstream Market Analysis

### 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF HANDHELD THERMAL BINOCULAR MARKET**

### 5.1 Key Development Trends

### 5.2 Driving Factors

### 5.3 Market Challenges

### 5.4 Industry News

#### 5.4.1 New Product Developments

#### 5.4.2 Mergers & Acquisitions

#### 5.4.3 Expansions

#### 5.4.4 Collaboration/Supply Contracts

### 5.5 PEST Analysis

#### 5.5.1 Industry Policies Analysis

#### 5.5.2 Economic Environment Analysis

#### 5.5.3 Social Environment Analysis

#### 5.5.4 Technological Environment Analysis

### 5.6 Global Handheld Thermal Binocular Market Porter's Five Forces Analysis

#### 5.6.1 Global Trade Frictions

#### 5.6.2 U.S. Tariff Policy ? April 2025

#### 5.6.3 Global Trade Frictions and Their Impacts to Handheld Thermal Binocular Market

### 5.7 ESG Ratings of Leading Companies

## **6 HANDHELD THERMAL BINOCULAR MARKET SEGMENTATION BY TYPE**

### 6.1 Evaluation Matrix of Segment Market Development Potential (Type)

### 6.2 Global Handheld Thermal Binocular Sales Market Share by Type (2020-2025)

### 6.3 Global Handheld Thermal Binocular Market Size by Type (2020-2025)

### 6.4 Global Handheld Thermal Binocular Price by Type (2020-2025)

## **7 HANDHELD THERMAL BINOCULAR MARKET SEGMENTATION BY**

## **APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Handheld Thermal Binocular Market Sales by Application (2020-2025)
- 7.3 Global Handheld Thermal Binocular Market Size (M USD) by Application (2020-2025)
- 7.4 Global Handheld Thermal Binocular Sales Growth Rate by Application (2020-2025)

## **8 HANDHELD THERMAL BINOCULAR MARKET SALES BY REGION**

- 8.1 Global Handheld Thermal Binocular Sales by Region
  - 8.1.1 Global Handheld Thermal Binocular Sales by Region
  - 8.1.2 Global Handheld Thermal Binocular Sales Market Share by Region
- 8.2 Global Handheld Thermal Binocular Market Size by Region
  - 8.2.1 Global Handheld Thermal Binocular Market Size by Region
  - 8.2.2 Global Handheld Thermal Binocular Market Size by Region
- 8.3 North America
  - 8.3.1 North America Handheld Thermal Binocular Sales by Country
  - 8.3.2 North America Handheld Thermal Binocular Market Size by Country
  - 8.3.3 U.S. Market Overview
  - 8.3.4 Canada Market Overview
  - 8.3.5 Mexico Market Overview
- 8.4 Europe
  - 8.4.1 Europe Handheld Thermal Binocular Sales by Country
  - 8.4.2 Europe Handheld Thermal Binocular Market Size by Country
  - 8.4.3 Germany Market Overview
  - 8.4.4 France Market Overview
  - 8.4.5 U.K. Market Overview
  - 8.4.6 Italy Market Overview
  - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
  - 8.5.1 Asia Pacific Handheld Thermal Binocular Sales by Region
  - 8.5.2 Asia Pacific Handheld Thermal Binocular Market Size by Region
  - 8.5.3 China Market Overview
  - 8.5.4 Japan Market Overview
  - 8.5.5 South Korea Market Overview
  - 8.5.6 India Market Overview
  - 8.5.7 Southeast Asia Market Overview
- 8.6 South America

- 8.6.1 South America Handheld Thermal Binocular Sales by Country
- 8.6.2 South America Handheld Thermal Binocular Market Size by Country
- 8.6.3 Brazil Market Overview
- 8.6.4 Argentina Market Overview
- 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
  - 8.7.1 Middle East and Africa Handheld Thermal Binocular Sales by Region
  - 8.7.2 Middle East and Africa Handheld Thermal Binocular Market Size by Region
  - 8.7.3 Saudi Arabia Market Overview
  - 8.7.4 UAE Market Overview
  - 8.7.5 Egypt Market Overview
  - 8.7.6 Nigeria Market Overview
  - 8.7.7 South Africa Market Overview

## **9 HANDHELD THERMAL BINOCULAR MARKET PRODUCTION BY REGION**

- 9.1 Global Production of Handheld Thermal Binocular by Region(2020-2025)
- 9.2 Global Handheld Thermal Binocular Revenue Market Share by Region (2020-2025)
- 9.3 Global Handheld Thermal Binocular Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Handheld Thermal Binocular Production
  - 9.4.1 North America Handheld Thermal Binocular Production Growth Rate (2020-2025)
  - 9.4.2 North America Handheld Thermal Binocular Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Handheld Thermal Binocular Production
  - 9.5.1 Europe Handheld Thermal Binocular Production Growth Rate (2020-2025)
  - 9.5.2 Europe Handheld Thermal Binocular Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Handheld Thermal Binocular Production (2020-2025)
  - 9.6.1 Japan Handheld Thermal Binocular Production Growth Rate (2020-2025)
  - 9.6.2 Japan Handheld Thermal Binocular Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Handheld Thermal Binocular Production (2020-2025)
  - 9.7.1 China Handheld Thermal Binocular Production Growth Rate (2020-2025)
  - 9.7.2 China Handheld Thermal Binocular Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

## 10.1 Yukon Advanced Optics

10.1.1 Yukon Advanced Optics Basic Information

10.1.2 Yukon Advanced Optics Handheld Thermal Binocular Product Overview

10.1.3 Yukon Advanced Optics Handheld Thermal Binocular Product Market

### Performance

10.1.4 Yukon Advanced Optics Business Overview

10.1.5 Yukon Advanced Optics SWOT Analysis

10.1.6 Yukon Advanced Optics Recent Developments

## 10.2 ATN

10.2.1 ATN Basic Information

10.2.2 ATN Handheld Thermal Binocular Product Overview

10.2.3 ATN Handheld Thermal Binocular Product Market Performance

10.2.4 ATN Business Overview

10.2.5 ATN SWOT Analysis

10.2.6 ATN Recent Developments

## 10.3 Orpha

10.3.1 Orpha Basic Information

10.3.2 Orpha Handheld Thermal Binocular Product Overview

10.3.3 Orpha Handheld Thermal Binocular Product Market Performance

10.3.4 Orpha Business Overview

10.3.5 Orpha SWOT Analysis

10.3.6 Orpha Recent Developments

## 10.4 IRay Technology

10.4.1 IRay Technology Basic Information

10.4.2 IRay Technology Handheld Thermal Binocular Product Overview

10.4.3 IRay Technology Handheld Thermal Binocular Product Market Performance

10.4.4 IRay Technology Business Overview

10.4.5 IRay Technology Recent Developments

## 10.5 Armasight (Teledyne)

10.5.1 Armasight (Teledyne) Basic Information

10.5.2 Armasight (Teledyne) Handheld Thermal Binocular Product Overview

10.5.3 Armasight (Teledyne) Handheld Thermal Binocular Product Market

### Performance

10.5.4 Armasight (Teledyne) Business Overview

10.5.5 Armasight (Teledyne) Recent Developments

## 10.6 LUNA OPTICS

10.6.1 LUNA OPTICS Basic Information

10.6.2 LUNA OPTICS Handheld Thermal Binocular Product Overview

- 10.6.3 LUNA OPTICS Handheld Thermal Binocular Product Market Performance
- 10.6.4 LUNA OPTICS Business Overview
- 10.6.5 LUNA OPTICS Recent Developments
- 10.7 Night Owl Optics
  - 10.7.1 Night Owl Optics Basic Information
  - 10.7.2 Night Owl Optics Handheld Thermal Binocular Product Overview
  - 10.7.3 Night Owl Optics Handheld Thermal Binocular Product Market Performance
  - 10.7.4 Night Owl Optics Business Overview
  - 10.7.5 Night Owl Optics Recent Developments
- 10.8 Nitehog
  - 10.8.1 Nitehog Basic Information
  - 10.8.2 Nitehog Handheld Thermal Binocular Product Overview
  - 10.8.3 Nitehog Handheld Thermal Binocular Product Market Performance
  - 10.8.4 Nitehog Business Overview
  - 10.8.5 Nitehog Recent Developments

## **11 HANDHELD THERMAL BINOCULAR MARKET FORECAST BY REGION**

- 11.1 Global Handheld Thermal Binocular Market Size Forecast
- 11.2 Global Handheld Thermal Binocular Market Forecast by Region
  - 11.2.1 North America Market Size Forecast by Country
  - 11.2.2 Europe Handheld Thermal Binocular Market Size Forecast by Country
  - 11.2.3 Asia Pacific Handheld Thermal Binocular Market Size Forecast by Region
  - 11.2.4 South America Handheld Thermal Binocular Market Size Forecast by Country
  - 11.2.5 Middle East and Africa Forecasted Sales of Handheld Thermal Binocular by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

- 12.1 Global Handheld Thermal Binocular Market Forecast by Type (2026-2035)
  - 12.1.1 Global Forecasted Sales of Handheld Thermal Binocular by Type (2026-2035)
  - 12.1.2 Global Handheld Thermal Binocular Market Size Forecast by Type (2026-2035)
  - 12.1.3 Global Forecasted Price of Handheld Thermal Binocular by Type (2026-2035)
- 12.2 Global Handheld Thermal Binocular Market Forecast by Application (2026-2035)
  - 12.2.1 Global Handheld Thermal Binocular Sales (K Units) Forecast by Application
  - 12.2.2 Global Handheld Thermal Binocular Market Size (M USD) Forecast by Application (2026-2035)

## **13 CONCLUSION AND KEY FINDINGS**



## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Handheld Thermal Binocular Market Size by Type (M USD)

Table 4. Global Handheld Thermal Binocular Market Size by Application

Table 5. Handheld Thermal Binocular Market Size Comparison by Region (M USD)

Table 6. Global Handheld Thermal Binocular Sales (K Units) by Manufacturers (2020-2025)

Table 7. Global Handheld Thermal Binocular Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Handheld Thermal Binocular Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Handheld Thermal Binocular Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Handheld Thermal Binocular as of 2025)

Table 11. Global Market Handheld Thermal Binocular Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Handheld Thermal Binocular Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Handheld Thermal Binocular Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Handheld Thermal Binocular Sales by Type (K Units)

Table 27. Global Handheld Thermal Binocular Market Size by Type (M USD)

- Table 28. Global Handheld Thermal Binocular Sales (K Units) by Type (2020-2025)
- Table 29. Global Handheld Thermal Binocular Sales Market Share by Type (2020-2025)
- Table 30. Global Handheld Thermal Binocular Market Size (M USD) by Type (2020-2025)
- Table 31. Global Handheld Thermal Binocular Market Share by Type (2020-2025)
- Table 32. Global Handheld Thermal Binocular Price (USD/Unit) by Type (2020-2025)
- Table 33. Global Handheld Thermal Binocular Sales (K Units) by Application
- Table 34. Global Handheld Thermal Binocular Market Size by Application
- Table 35. Global Handheld Thermal Binocular Sales by Application (2020-2025) & (K Units)
- Table 36. Global Handheld Thermal Binocular Sales Market Share by Application (2020-2025)
- Table 37. Global Handheld Thermal Binocular Market Size by Application (2020-2025) & (M USD)
- Table 38. Global Handheld Thermal Binocular Market Share by Application (2020-2025)
- Table 39. Global Handheld Thermal Binocular Sales Growth Rate by Application (2020-2025)
- Table 40. Global Handheld Thermal Binocular Sales by Region (2020-2025) & (K Units)
- Table 41. Global Handheld Thermal Binocular Sales Market Share by Region (2020-2025)
- Table 42. Global Handheld Thermal Binocular Market Size by Region (2020-2025) & (M USD)
- Table 43. Global Handheld Thermal Binocular Market Size by Region (2020-2025)
- Table 44. North America Handheld Thermal Binocular Sales by Country (2020-2025) & (K Units)
- Table 45. North America Handheld Thermal Binocular Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe Handheld Thermal Binocular Sales by Country (2020-2025) & (K Units)
- Table 47. Europe Handheld Thermal Binocular Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific Handheld Thermal Binocular Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific Handheld Thermal Binocular Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Handheld Thermal Binocular Sales by Country (2020-2025) & (K Units)
- Table 51. South America Handheld Thermal Binocular Market Size by Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Handheld Thermal Binocular Sales by Region (2020-2025) & (K Units)

Table 53. Middle East and Africa Handheld Thermal Binocular Market Size by Region (2020-2025) & (M USD)

Table 54. Global Handheld Thermal Binocular Production (K Units) by Region(2020-2025)

Table 55. Global Handheld Thermal Binocular Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Handheld Thermal Binocular Revenue Market Share by Region (2020-2025)

Table 57. Global Handheld Thermal Binocular Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America Handheld Thermal Binocular Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Handheld Thermal Binocular Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Handheld Thermal Binocular Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Handheld Thermal Binocular Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. Yukon Advanced Optics Basic Information

Table 63. Yukon Advanced Optics Handheld Thermal Binocular Product Overview

Table 64. Yukon Advanced Optics Handheld Thermal Binocular Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Yukon Advanced Optics Business Overview

Table 66. Yukon Advanced Optics SWOT Analysis

Table 67. Yukon Advanced Optics Recent Developments

Table 68. ATN Basic Information

Table 69. ATN Handheld Thermal Binocular Product Overview

Table 70. ATN Handheld Thermal Binocular Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. ATN Business Overview

Table 72. ATN SWOT Analysis

Table 73. ATN Recent Developments

Table 74. Orpha Basic Information

Table 75. Orpha Handheld Thermal Binocular Product Overview

Table 76. Orpha Handheld Thermal Binocular Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Orpha Business Overview

Table 78. Orpha SWOT Analysis

Table 79. Orpha Recent Developments

Table 80. IRay Technology Basic Information

Table 81. IRay Technology Handheld Thermal Binocular Product Overview

Table 82. IRay Technology Handheld Thermal Binocular Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. IRay Technology Business Overview

Table 84. IRay Technology Recent Developments

Table 85. Armasight (Teledyne) Basic Information

Table 86. Armasight (Teledyne) Handheld Thermal Binocular Product Overview

Table 87. Armasight (Teledyne) Handheld Thermal Binocular Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. Armasight (Teledyne) Business Overview

Table 89. Armasight (Teledyne) Recent Developments

Table 90. LUNA OPTICS Basic Information

Table 91. LUNA OPTICS Handheld Thermal Binocular Product Overview

Table 92. LUNA OPTICS Handheld Thermal Binocular Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 93. LUNA OPTICS Business Overview

Table 94. LUNA OPTICS Recent Developments

Table 95. Night Owl Optics Basic Information

Table 96. Night Owl Optics Handheld Thermal Binocular Product Overview

Table 97. Night Owl Optics Handheld Thermal Binocular Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 98. Night Owl Optics Business Overview

Table 99. Night Owl Optics Recent Developments

Table 100. Nitehog Basic Information

Table 101. Nitehog Handheld Thermal Binocular Product Overview

Table 102. Nitehog Handheld Thermal Binocular Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 103. Nitehog Business Overview

Table 104. Nitehog Recent Developments

Table 105. Global Handheld Thermal Binocular Sales Forecast by Region (2026-2035) & (K Units)

Table 106. Global Handheld Thermal Binocular Market Size Forecast by Region (2026-2035) & (M USD)

Table 107. North America Handheld Thermal Binocular Sales Forecast by Country (2026-2035) & (K Units)

Table 108. North America Handheld Thermal Binocular Market Size Forecast by

Country (2026-2035) & (M USD)

Table 109. Europe Handheld Thermal Binocular Sales Forecast by Country (2026-2035) & (K Units)

Table 110. Europe Handheld Thermal Binocular Market Size Forecast by Country (2026-2035) & (M USD)

Table 111. Asia Pacific Handheld Thermal Binocular Sales Forecast by Region (2026-2035) & (K Units)

Table 112. Asia Pacific Handheld Thermal Binocular Market Size Forecast by Region (2026-2035) & (M USD)

Table 113. South America Handheld Thermal Binocular Sales Forecast by Country (2026-2035) & (K Units)

Table 114. South America Handheld Thermal Binocular Market Size Forecast by Country (2026-2035) & (M USD)

Table 115. Middle East and Africa Handheld Thermal Binocular Sales Forecast by Country (2026-2035) & (Units)

Table 116. Middle East and Africa Handheld Thermal Binocular Market Size Forecast by Country (2026-2035) & (M USD)

Table 117. Global Handheld Thermal Binocular Sales Forecast by Type (2026-2035) & (K Units)

Table 118. Global Handheld Thermal Binocular Market Size Forecast by Type (2026-2035) & (M USD)

Table 119. Global Handheld Thermal Binocular Price Forecast by Type (2026-2035) & (USD/Unit)

Table 120. Global Handheld Thermal Binocular Sales (K Units) Forecast by Application (2026-2035)

Table 121. Global Handheld Thermal Binocular Market Size Forecast by Application (2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Handheld Thermal Binocular
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Handheld Thermal Binocular Market Size (M USD), 2025-2035
- Figure 5. Global Handheld Thermal Binocular Market Size (M USD) (2020-2035)
- Figure 6. Global Handheld Thermal Binocular Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Handheld Thermal Binocular Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Handheld Thermal Binocular Product Life Cycle
- Figure 13. Handheld Thermal Binocular Sales Share by Manufacturers in 2025
- Figure 14. Global Handheld Thermal Binocular Revenue Share by Manufacturers in 2025
- Figure 15. Handheld Thermal Binocular Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Handheld Thermal Binocular Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Handheld Thermal Binocular Revenue in 2025
- Figure 18. Industry Chain Map of Handheld Thermal Binocular
- Figure 19. Global Handheld Thermal Binocular Market PEST Analysis
- Figure 20. Global Handheld Thermal Binocular Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Handheld Thermal Binocular Market Share by Type
- Figure 27. Sales Market Share of Handheld Thermal Binocular by Type (2020-2025)
- Figure 28. Sales Market Share of Handheld Thermal Binocular by Type in 2025
- Figure 29. Market Share of Handheld Thermal Binocular by Type (2020-2025)
- Figure 30. Market Share of Handheld Thermal Binocular by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

- Figure 32. Global Handheld Thermal Binocular Market Share by Application
- Figure 33. Global Handheld Thermal Binocular Sales Market Share by Application (2020-2025)
- Figure 34. Global Handheld Thermal Binocular Sales Market Share by Application in 2025
- Figure 35. Global Handheld Thermal Binocular Market Share by Application (2020-2025)
- Figure 36. Global Handheld Thermal Binocular Market Share by Application in 2025
- Figure 37. Global Handheld Thermal Binocular Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Handheld Thermal Binocular Sales Market Share by Region (2020-2025)
- Figure 39. Global Handheld Thermal Binocular Market Size by Region (2020-2025)
- Figure 40. North America Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America Handheld Thermal Binocular Sales Market Share by Country in 2024
- Figure 43. North America Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America Handheld Thermal Binocular Market Size by Country in 2024
- Figure 45. U.S. Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada Handheld Thermal Binocular Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada Handheld Thermal Binocular Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico Handheld Thermal Binocular Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico Handheld Thermal Binocular Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe Handheld Thermal Binocular Sales Market Share by Country in 2024
- Figure 53. Europe Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Handheld Thermal Binocular Market Size by Country in 2024

Figure 55. Germany Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Handheld Thermal Binocular Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Handheld Thermal Binocular Sales Market Share by Region in 2024

Figure 67. Asia Pacific Handheld Thermal Binocular Market Size by Region in 2024

Figure 68. China Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Handheld Thermal Binocular Sales and Growth Rate (K Units)

Figure 79. South America Handheld Thermal Binocular Sales Market Share by Country in 2024

Figure 80. South America Handheld Thermal Binocular Market Size and Growth Rate (M USD)

Figure 81. South America Handheld Thermal Binocular Market Size by Country in 2024

Figure 82. Brazil Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Handheld Thermal Binocular Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Handheld Thermal Binocular Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Handheld Thermal Binocular Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Handheld Thermal Binocular Market Size by Region in 2024

Figure 92. Saudi Arabia Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Handheld Thermal Binocular Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Handheld Thermal Binocular Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Handheld Thermal Binocular Production Market Share by Region (2020-2025)

Figure 103. North America Handheld Thermal Binocular Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Handheld Thermal Binocular Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Handheld Thermal Binocular Production (K Units) Growth Rate (2020-2025)

Figure 106. China Handheld Thermal Binocular Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Handheld Thermal Binocular Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Handheld Thermal Binocular Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Handheld Thermal Binocular Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Handheld Thermal Binocular Market Share Forecast by Type (2026-2035)

Figure 111. Global Handheld Thermal Binocular Sales Forecast by Application (2026-2035)

Figure 112. Global Handheld Thermal Binocular Market Share Forecast by Application (2026-2035)

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