

Global Analog Pyroelectric Infrared Sensor Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G5932CAF2292EN.html>

Date: February 2026

Pages: 117

Price: US\$ 4,480.00 (Single User License)

ID: G5932CAF2292EN

Abstracts

The global Analog Pyroelectric Infrared Sensor market size is expected to reach \$ 81.85 million by 2032, rising at a market growth of 1.0% CAGR during the forecast period (2026-2032).

In 2025, global sales of simulated pyroelectric infrared sensors were approximately 276 million units, with an average unit price of approximately US\$0.26. The industry's gross profit margin was approximately 30-40%. Analog pyroelectric infrared sensors are infrared detection devices that generate charge signals in response to temperature changes using pyroelectric crystals (such as lithium tantalate and lead zirconium titanate). Their output is a continuous analog voltage signal, characterized by fast response, low power consumption, and high sensitivity. They are commonly used in applications such as human infrared (PIR) sensors, security monitoring, smart lighting, appliance control, and environmental monitoring. Compared to digital pyroelectric sensors, analog devices offer advantages in cost and circuit design flexibility, but they rely more heavily on back-end signal amplification and processing circuitry. The market is benefiting from the continued expansion of smart homes, security systems, and IoT devices, with particularly strong demand in consumer electronics and basic security products. The upstream mainly involves the supply of pyroelectric crystal materials, infrared filters, packaging substrates, etc., midstream companies are responsible for detector design, manufacturing and packaging, and the downstream is widely used in infrared alarms, smart lighting control, security cameras and various terminal sensing modules.

Market drivers mainly include the following:

Upgrading demands for security and intelligent systems: Accelerated global

urbanization and increased security needs are driving the widespread application of infrared sensors in intrusion alarms, access control systems, and surveillance cameras. For example, the EU standard EN 50131 requires security systems to have high reliability and anti-interference capabilities, leading to a surge in demand for dual-channel sensors; China's 'Safe City' construction is driving the deployment of over ten million sensors annually, with analog sensors dominating the low-to-mid-range market due to their cost advantage.

Energy efficiency policies and green building promotion: The EU's Energy Efficiency Directive for Buildings (EPBD) and the US Title 24 regulation mandate the use of smart lighting and HVAC energy-saving systems in public buildings, directly driving demand for low-power sensors. Analog sensors, which do not require complex digital circuits, have a penetration rate exceeding 70% in smart lighting control and automatic air conditioning adjustment scenarios, becoming a standard feature in energy-efficient buildings.

IoT and consumer electronics expansion: The demand for low-power human body sensing from smart speakers, wearable devices, and surveillance cameras has exploded. Analog sensors, with their low-power packaging (such as SMD surface mount technology) and fast response characteristics, have become core components of IoT terminal devices. For example, Xiaomi's smart door locks integrate analog sensors to achieve 'lights turn on when someone enters, lights turn off when someone leaves,' with annual shipments exceeding one million units, driving the continued expansion of the sensor market.

This report studies the global Analog Pyroelectric Infrared Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Analog Pyroelectric Infrared Sensor and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Analog Pyroelectric Infrared Sensor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Analog Pyroelectric Infrared Sensor total production and demand, 2021-2032, (K Units)

Global Analog Pyroelectric Infrared Sensor total production value, 2021-2032, (USD Million)

Global Analog Pyroelectric Infrared Sensor production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Analog Pyroelectric Infrared Sensor consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Analog Pyroelectric Infrared Sensor domestic production, consumption, key domestic manufacturers and share

Global Analog Pyroelectric Infrared Sensor production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Analog Pyroelectric Infrared Sensor production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Analog Pyroelectric Infrared Sensor production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Analog Pyroelectric Infrared Sensor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Broadcom, Excelitas, InfraTec, KEMET, Gentec-EO, Precision Micro-Optics, Murata, Nippon Ceramic Co., Ltd., Heimann Sensor, Laser Components, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Analog Pyroelectric Infrared Sensor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Analog Pyroelectric Infrared Sensor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Analog Pyroelectric Infrared Sensor Market, Segmentation by Type:

Single Channel

Dual Channel

Quad Channel

Global Analog Pyroelectric Infrared Sensor Market, Segmentation by Material:

Traditional Ceramic Type

New Crystal Type

Global Analog Pyroelectric Infrared Sensor Market, Segmentation by Function Category:

Basic Detection Type

Intelligent Management Type

Global Analog Pyroelectric Infrared Sensor Market, Segmentation by Application:

Lighting Products

Security Products

Smart Home

Consumer Electronics

Others

Companies Profiled:

Broadcom

Excelitas

InfraTec

KEMET

Gentec-EO

Precision Micro-Optics

Murata

Nippon Ceramic Co., Ltd.

Heimann Sensor

Laser Components

DIAS Infrared

GEWEE

Micro-Hybrid Electronic

Hanwei Electronics Group

Senba Sensing Technology

Key Questions Answered:

1. How big is the global Analog Pyroelectric Infrared Sensor market?
2. What is the demand of the global Analog Pyroelectric Infrared Sensor market?
3. What is the year over year growth of the global Analog Pyroelectric Infrared Sensor market?
4. What is the production and production value of the global Analog Pyroelectric Infrared Sensor market?
5. Who are the key producers in the global Analog Pyroelectric Infrared Sensor market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Extendable Snow Shovel Introduction
- 1.2 World Extendable Snow Shovel Supply & Forecast
 - 1.2.1 World Extendable Snow Shovel Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Extendable Snow Shovel Production (2021-2032)
 - 1.2.3 World Extendable Snow Shovel Pricing Trends (2021-2032)
- 1.3 World Extendable Snow Shovel Production by Region (Based on Production Site)
 - 1.3.1 World Extendable Snow Shovel Production Value by Region (2021-2032)
 - 1.3.2 World Extendable Snow Shovel Production by Region (2021-2032)
 - 1.3.3 World Extendable Snow Shovel Average Price by Region (2021-2032)
 - 1.3.4 North America Extendable Snow Shovel Production (2021-2032)
 - 1.3.5 Europe Extendable Snow Shovel Production (2021-2032)
 - 1.3.6 China Extendable Snow Shovel Production (2021-2032)
 - 1.3.7 Japan Extendable Snow Shovel Production (2021-2032)
 - 1.3.8 Southeast Asia Extendable Snow Shovel Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Extendable Snow Shovel Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Extendable Snow Shovel Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Extendable Snow Shovel Demand (2021-2032)
- 2.2 World Extendable Snow Shovel Consumption by Region
 - 2.2.1 World Extendable Snow Shovel Consumption by Region (2021-2026)
 - 2.2.2 World Extendable Snow Shovel Consumption Forecast by Region (2027-2032)
- 2.3 United States Extendable Snow Shovel Consumption (2021-2032)
- 2.4 China Extendable Snow Shovel Consumption (2021-2032)
- 2.5 Europe Extendable Snow Shovel Consumption (2021-2032)
- 2.6 Japan Extendable Snow Shovel Consumption (2021-2032)
- 2.7 South Korea Extendable Snow Shovel Consumption (2021-2032)
- 2.8 ASEAN Extendable Snow Shovel Consumption (2021-2032)
- 2.9 India Extendable Snow Shovel Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Extendable Snow Shovel Production Value by Manufacturer (2021-2026)
- 3.2 World Extendable Snow Shovel Production by Manufacturer (2021-2026)
- 3.3 World Extendable Snow Shovel Average Price by Manufacturer (2021-2026)
- 3.4 Extendable Snow Shovel Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Extendable Snow Shovel Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Extendable Snow Shovel in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Extendable Snow Shovel in 2025
- 3.6 Extendable Snow Shovel Market: Overall Company Footprint Analysis
 - 3.6.1 Extendable Snow Shovel Market: Region Footprint
 - 3.6.2 Extendable Snow Shovel Market: Company Product Type Footprint
 - 3.6.3 Extendable Snow Shovel Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Extendable Snow Shovel Production Value Comparison
 - 4.1.1 United States VS China: Extendable Snow Shovel Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Extendable Snow Shovel Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Extendable Snow Shovel Production Comparison
 - 4.2.1 United States VS China: Extendable Snow Shovel Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Extendable Snow Shovel Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Extendable Snow Shovel Consumption Comparison
 - 4.3.1 United States VS China: Extendable Snow Shovel Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Extendable Snow Shovel Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Extendable Snow Shovel Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Extendable Snow Shovel Manufacturers, Headquarters and

Production Site (States, Country)

4.4.2 United States Based Manufacturers Extendable Snow Shovel Production Value (2021-2026)

4.4.3 United States Based Manufacturers Extendable Snow Shovel Production (2021-2026)

4.5 China Based Extendable Snow Shovel Manufacturers and Market Share

4.5.1 China Based Extendable Snow Shovel Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Extendable Snow Shovel Production Value (2021-2026)

4.5.3 China Based Manufacturers Extendable Snow Shovel Production (2021-2026)

4.6 Rest of World Based Extendable Snow Shovel Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Extendable Snow Shovel Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Extendable Snow Shovel Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Extendable Snow Shovel Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Extendable Snow Shovel Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Knob Lock

5.2.2 Quick-release Lock

5.2.3 Spring Pin Lock

5.3 Market Segment by Type

5.3.1 World Extendable Snow Shovel Production by Type (2021-2032)

5.3.2 World Extendable Snow Shovel Production Value by Type (2021-2032)

5.3.3 World Extendable Snow Shovel Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY SHOVEL HEAD MATERIAL

6.1 World Extendable Snow Shovel Market Size Overview by Shovel Head Material: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Shovel Head Material

6.2.1 Plastic Shovel Head

6.2.2 Aluminum Alloy Shovel Head

6.2.3 Steel Shovel Head

6.3 Market Segment by Shovel Head Material

6.3.1 World Extendable Snow Shovel Production by Shovel Head Material
(2021-2032)

6.3.2 World Extendable Snow Shovel Production Value by Shovel Head Material
(2021-2032)

6.3.3 World Extendable Snow Shovel Average Price by Shovel Head Material
(2021-2032)

7 MARKET ANALYSIS BY ANGLE BETWEEN SHOVEL HEAD AND HANDLE

7.1 World Extendable Snow Shovel Market Size Overview by Angle between Shovel Head and Handle: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Angle between Shovel Head and Handle

7.2.1 Fixed-Angle Extendable Snow Shovel

7.2.2 Adjustable-Angle Extendable Snow Shovel

7.3 Market Segment by Angle between Shovel Head and Handle

7.3.1 World Extendable Snow Shovel Production by Angle between Shovel Head and Handle (2021-2032)

7.3.2 World Extendable Snow Shovel Production Value by Angle between Shovel Head and Handle (2021-2032)

7.3.3 World Extendable Snow Shovel Average Price by Angle between Shovel Head and Handle (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Extendable Snow Shovel Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Home Use

8.2.2 Car-mounted Emergency

8.2.3 Outdoor Sports

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Extendable Snow Shovel Production by Application (2021-2032)

8.3.2 World Extendable Snow Shovel Production Value by Application (2021-2032)

8.3.3 World Extendable Snow Shovel Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Black Diamond Equipment

9.1.1 Black Diamond Equipment Details

9.1.2 Black Diamond Equipment Major Business

9.1.3 Black Diamond Equipment Extendable Snow Shovel Product and Services

9.1.4 Black Diamond Equipment Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Black Diamond Equipment Recent Developments/Updates

9.1.6 Black Diamond Equipment Competitive Strengths & Weaknesses

9.2 Arva

9.2.1 Arva Details

9.2.2 Arva Major Business

9.2.3 Arva Extendable Snow Shovel Product and Services

9.2.4 Arva Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Arva Recent Developments/Updates

9.2.6 Arva Competitive Strengths & Weaknesses

9.3 Backcountry Access

9.3.1 Backcountry Access Details

9.3.2 Backcountry Access Major Business

9.3.3 Backcountry Access Extendable Snow Shovel Product and Services

9.3.4 Backcountry Access Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Backcountry Access Recent Developments/Updates

9.3.6 Backcountry Access Competitive Strengths & Weaknesses

9.4 Ortovox

9.4.1 Ortovox Details

9.4.2 Ortovox Major Business

9.4.3 Ortovox Extendable Snow Shovel Product and Services

9.4.4 Ortovox Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Ortovox Recent Developments/Updates

9.4.6 Ortovox Competitive Strengths & Weaknesses

9.5 Mammut

9.5.1 Mammut Details

9.5.2 Mammut Major Business

9.5.3 Mammut Extendable Snow Shovel Product and Services

9.5.4 Mammut Extendable Snow Shovel Production, Price, Value, Gross Margin and

Market Share (2021-2026)

9.5.5 Mammut Recent Developments/Updates

9.5.6 Mammut Competitive Strengths & Weaknesses

9.6 G3 Genuine Guide Gear

9.6.1 G3 Genuine Guide Gear Details

9.6.2 G3 Genuine Guide Gear Major Business

9.6.3 G3 Genuine Guide Gear Extendable Snow Shovel Product and Services

9.6.4 G3 Genuine Guide Gear Extendable Snow Shovel Production, Price, Value,

Gross Margin and Market Share (2021-2026)

9.6.5 G3 Genuine Guide Gear Recent Developments/Updates

9.6.6 G3 Genuine Guide Gear Competitive Strengths & Weaknesses

9.7 Jones Snowboards

9.7.1 Jones Snowboards Details

9.7.2 Jones Snowboards Major Business

9.7.3 Jones Snowboards Extendable Snow Shovel Product and Services

9.7.4 Jones Snowboards Extendable Snow Shovel Production, Price, Value, Gross

Margin and Market Share (2021-2026)

9.7.5 Jones Snowboards Recent Developments/Updates

9.7.6 Jones Snowboards Competitive Strengths & Weaknesses

9.8 Snow Joe

9.8.1 Snow Joe Details

9.8.2 Snow Joe Major Business

9.8.3 Snow Joe Extendable Snow Shovel Product and Services

9.8.4 Snow Joe Extendable Snow Shovel Production, Price, Value, Gross Margin and

Market Share (2021-2026)

9.8.5 Snow Joe Recent Developments/Updates

9.8.6 Snow Joe Competitive Strengths & Weaknesses

9.9 Radius Garden

9.9.1 Radius Garden Details

9.9.2 Radius Garden Major Business

9.9.3 Radius Garden Extendable Snow Shovel Product and Services

9.9.4 Radius Garden Extendable Snow Shovel Production, Price, Value, Gross Margin

and Market Share (2021-2026)

9.9.5 Radius Garden Recent Developments/Updates

9.9.6 Radius Garden Competitive Strengths & Weaknesses

9.10 ProTech

9.10.1 ProTech Details

9.10.2 ProTech Major Business

9.10.3 ProTech Extendable Snow Shovel Product and Services

- 9.10.4 ProTech Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.10.5 ProTech Recent Developments/Updates
- 9.10.6 ProTech Competitive Strengths & Weaknesses
- 9.11 REI
 - 9.11.1 REI Details
 - 9.11.2 REI Major Business
 - 9.11.3 REI Extendable Snow Shovel Product and Services
 - 9.11.4 REI Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 REI Recent Developments/Updates
 - 9.11.6 REI Competitive Strengths & Weaknesses
- 9.12 Cascade Mountain Technologies
 - 9.12.1 Cascade Mountain Technologies Details
 - 9.12.2 Cascade Mountain Technologies Major Business
 - 9.12.3 Cascade Mountain Technologies Extendable Snow Shovel Product and Services
 - 9.12.4 Cascade Mountain Technologies Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Cascade Mountain Technologies Recent Developments/Updates
 - 9.12.6 Cascade Mountain Technologies Competitive Strengths & Weaknesses
- 9.13 PIEPS GmbH
 - 9.13.1 PIEPS GmbH Details
 - 9.13.2 PIEPS GmbH Major Business
 - 9.13.3 PIEPS GmbH Extendable Snow Shovel Product and Services
 - 9.13.4 PIEPS GmbH Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 PIEPS GmbH Recent Developments/Updates
 - 9.13.6 PIEPS GmbH Competitive Strengths & Weaknesses
- 9.14 Montbell
 - 9.14.1 Montbell Details
 - 9.14.2 Montbell Major Business
 - 9.14.3 Montbell Extendable Snow Shovel Product and Services
 - 9.14.4 Montbell Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Montbell Recent Developments/Updates
 - 9.14.6 Montbell Competitive Strengths & Weaknesses
- 9.15 Huamaoji Construction Machinery Trading (beijing) Co., Ltd.
 - 9.15.1 Huamaoji Construction Machinery Trading (beijing) Co., Ltd. Details

- 9.15.2 Huamaoji Construction Machinery Trading (beijing) Co., Ltd. Major Business
- 9.15.3 Huamaoji Construction Machinery Trading (beijing) Co., Ltd. Extendable Snow Shovel Product and Services
- 9.15.4 Huamaoji Construction Machinery Trading (beijing) Co., Ltd. Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.15.5 Huamaoji Construction Machinery Trading (beijing) Co., Ltd. Recent Developments/Updates
- 9.15.6 Huamaoji Construction Machinery Trading (beijing) Co., Ltd. Competitive Strengths & Weaknesses
- 9.16 Cixi Huazhijie Plastic Product Co., Ltd.
 - 9.16.1 Cixi Huazhijie Plastic Product Co., Ltd. Details
 - 9.16.2 Cixi Huazhijie Plastic Product Co., Ltd. Major Business
 - 9.16.3 Cixi Huazhijie Plastic Product Co., Ltd. Extendable Snow Shovel Product and Services
 - 9.16.4 Cixi Huazhijie Plastic Product Co., Ltd. Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 Cixi Huazhijie Plastic Product Co., Ltd. Recent Developments/Updates
 - 9.16.6 Cixi Huazhijie Plastic Product Co., Ltd. Competitive Strengths & Weaknesses
- 9.17 Ningbo Orient Outdoor Co., Ltd.
 - 9.17.1 Ningbo Orient Outdoor Co., Ltd. Details
 - 9.17.2 Ningbo Orient Outdoor Co., Ltd. Major Business
 - 9.17.3 Ningbo Orient Outdoor Co., Ltd. Extendable Snow Shovel Product and Services
 - 9.17.4 Ningbo Orient Outdoor Co., Ltd. Extendable Snow Shovel Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.17.5 Ningbo Orient Outdoor Co., Ltd. Recent Developments/Updates
 - 9.17.6 Ningbo Orient Outdoor Co., Ltd. Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Extendable Snow Shovel Industry Chain
- 10.2 Extendable Snow Shovel Upstream Analysis
 - 10.2.1 Extendable Snow Shovel Core Raw Materials
 - 10.2.2 Main Manufacturers of Extendable Snow Shovel Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Extendable Snow Shovel Production Mode
- 10.6 Extendable Snow Shovel Procurement Model
- 10.7 Extendable Snow Shovel Industry Sales Model and Sales Channels
 - 10.7.1 Extendable Snow Shovel Sales Model

10.7.2 Extendable Snow Shovel Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Analog Pyroelectric Infrared Sensor Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Analog Pyroelectric Infrared Sensor Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Analog Pyroelectric Infrared Sensor Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Analog Pyroelectric Infrared Sensor Production Value Market Share by Region (2021-2026)
- Table 5. World Analog Pyroelectric Infrared Sensor Production Value Market Share by Region (2027-2032)
- Table 6. World Analog Pyroelectric Infrared Sensor Production by Region (2021-2026) & (K Units)
- Table 7. World Analog Pyroelectric Infrared Sensor Production by Region (2027-2032) & (K Units)
- Table 8. World Analog Pyroelectric Infrared Sensor Production Market Share by Region (2021-2026)
- Table 9. World Analog Pyroelectric Infrared Sensor Production Market Share by Region (2027-2032)
- Table 10. World Analog Pyroelectric Infrared Sensor Average Price by Region (2021-2026) & (US\$/Unit)
- Table 11. World Analog Pyroelectric Infrared Sensor Average Price by Region (2027-2032) & (US\$/Unit)
- Table 12. Analog Pyroelectric Infrared Sensor Major Market Trends
- Table 13. World Analog Pyroelectric Infrared Sensor Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
- Table 14. World Analog Pyroelectric Infrared Sensor Consumption by Region (2021-2026) & (K Units)
- Table 15. World Analog Pyroelectric Infrared Sensor Consumption Forecast by Region (2027-2032) & (K Units)
- Table 16. World Analog Pyroelectric Infrared Sensor Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Analog Pyroelectric Infrared Sensor Producers in 2025
- Table 18. World Analog Pyroelectric Infrared Sensor Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Analog Pyroelectric Infrared Sensor Producers in 2025

Table 20. World Analog Pyroelectric Infrared Sensor Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Analog Pyroelectric Infrared Sensor Company Evaluation Quadrant

Table 22. World Analog Pyroelectric Infrared Sensor Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Analog Pyroelectric Infrared Sensor Production Site of Key Manufacturer

Table 24. Analog Pyroelectric Infrared Sensor Market: Company Product Type Footprint

Table 25. Analog Pyroelectric Infrared Sensor Market: Company Product Application Footprint

Table 26. Analog Pyroelectric Infrared Sensor Competitive Factors

Table 27. Analog Pyroelectric Infrared Sensor New Entrant and Capacity Expansion Plans

Table 28. Analog Pyroelectric Infrared Sensor Mergers & Acquisitions Activity

Table 29. United States VS China Analog Pyroelectric Infrared Sensor Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Analog Pyroelectric Infrared Sensor Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Analog Pyroelectric Infrared Sensor Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Analog Pyroelectric Infrared Sensor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Analog Pyroelectric Infrared Sensor Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Analog Pyroelectric Infrared Sensor Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Analog Pyroelectric Infrared Sensor Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Analog Pyroelectric Infrared Sensor Production Market Share (2021-2026)

Table 37. China Based Analog Pyroelectric Infrared Sensor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Analog Pyroelectric Infrared Sensor Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Analog Pyroelectric Infrared Sensor Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Analog Pyroelectric Infrared Sensor Production,

(2021-2026) & (K Units)

Table 41. China Based Manufacturers Analog Pyroelectric Infrared Sensor Production Market Share (2021-2026)

Table 42. Rest of World Based Analog Pyroelectric Infrared Sensor Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Analog Pyroelectric Infrared Sensor Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Analog Pyroelectric Infrared Sensor Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Analog Pyroelectric Infrared Sensor Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Analog Pyroelectric Infrared Sensor Production Market Share (2021-2026)

Table 47. World Analog Pyroelectric Infrared Sensor Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Analog Pyroelectric Infrared Sensor Production by Type (2021-2026) & (K Units)

Table 49. World Analog Pyroelectric Infrared Sensor Production by Type (2027-2032) & (K Units)

Table 50. World Analog Pyroelectric Infrared Sensor Production Value by Type (2021-2026) & (USD Million)

Table 51. World Analog Pyroelectric Infrared Sensor Production Value by Type (2027-2032) & (USD Million)

Table 52. World Analog Pyroelectric Infrared Sensor Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Analog Pyroelectric Infrared Sensor Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Analog Pyroelectric Infrared Sensor Production Value by Material, (USD Million), 2021 & 2025 & 2032

Table 55. World Analog Pyroelectric Infrared Sensor Production by Material (2021-2026) & (K Units)

Table 56. World Analog Pyroelectric Infrared Sensor Production by Material (2027-2032) & (K Units)

Table 57. World Analog Pyroelectric Infrared Sensor Production Value by Material (2021-2026) & (USD Million)

Table 58. World Analog Pyroelectric Infrared Sensor Production Value by Material (2027-2032) & (USD Million)

Table 59. World Analog Pyroelectric Infrared Sensor Average Price by Material (2021-2026) & (US\$/Unit)

Table 60. World Analog Pyroelectric Infrared Sensor Average Price by Material (2027-2032) & (US\$/Unit)

Table 61. World Analog Pyroelectric Infrared Sensor Production Value by Function Category, (USD Million), 2021 & 2025 & 2032

Table 62. World Analog Pyroelectric Infrared Sensor Production by Function Category (2021-2026) & (K Units)

Table 63. World Analog Pyroelectric Infrared Sensor Production by Function Category (2027-2032) & (K Units)

Table 64. World Analog Pyroelectric Infrared Sensor Production Value by Function Category (2021-2026) & (USD Million)

Table 65. World Analog Pyroelectric Infrared Sensor Production Value by Function Category (2027-2032) & (USD Million)

Table 66. World Analog Pyroelectric Infrared Sensor Average Price by Function Category (2021-2026) & (US\$/Unit)

Table 67. World Analog Pyroelectric Infrared Sensor Average Price by Function Category (2027-2032) & (US\$/Unit)

Table 68. World Analog Pyroelectric Infrared Sensor Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Analog Pyroelectric Infrared Sensor Production by Application (2021-2026) & (K Units)

Table 70. World Analog Pyroelectric Infrared Sensor Production by Application (2027-2032) & (K Units)

Table 71. World Analog Pyroelectric Infrared Sensor Production Value by Application (2021-2026) & (USD Million)

Table 72. World Analog Pyroelectric Infrared Sensor Production Value by Application (2027-2032) & (USD Million)

Table 73. World Analog Pyroelectric Infrared Sensor Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Analog Pyroelectric Infrared Sensor Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Broadcom Basic Information, Manufacturing Base and Competitors

Table 76. Broadcom Major Business

Table 77. Broadcom Analog Pyroelectric Infrared Sensor Product and Services

Table 78. Broadcom Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Broadcom Recent Developments/Updates

Table 80. Broadcom Competitive Strengths & Weaknesses

Table 81. Excelitas Basic Information, Manufacturing Base and Competitors

Table 82. Excelitas Major Business

Table 83. Excelitas Analog Pyroelectric Infrared Sensor Product and Services

Table 84. Excelitas Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Excelitas Recent Developments/Updates

Table 86. Excelitas Competitive Strengths & Weaknesses

Table 87. InfraTec Basic Information, Manufacturing Base and Competitors

Table 88. InfraTec Major Business

Table 89. InfraTec Analog Pyroelectric Infrared Sensor Product and Services

Table 90. InfraTec Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. InfraTec Recent Developments/Updates

Table 92. InfraTec Competitive Strengths & Weaknesses

Table 93. KEMET Basic Information, Manufacturing Base and Competitors

Table 94. KEMET Major Business

Table 95. KEMET Analog Pyroelectric Infrared Sensor Product and Services

Table 96. KEMET Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. KEMET Recent Developments/Updates

Table 98. KEMET Competitive Strengths & Weaknesses

Table 99. Gentec-EO Basic Information, Manufacturing Base and Competitors

Table 100. Gentec-EO Major Business

Table 101. Gentec-EO Analog Pyroelectric Infrared Sensor Product and Services

Table 102. Gentec-EO Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Gentec-EO Recent Developments/Updates

Table 104. Gentec-EO Competitive Strengths & Weaknesses

Table 105. Precision Micro-Optics Basic Information, Manufacturing Base and Competitors

Table 106. Precision Micro-Optics Major Business

Table 107. Precision Micro-Optics Analog Pyroelectric Infrared Sensor Product and Services

Table 108. Precision Micro-Optics Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

- Table 109. Precision Micro-Optics Recent Developments/Updates
- Table 110. Precision Micro-Optics Competitive Strengths & Weaknesses
- Table 111. Murata Basic Information, Manufacturing Base and Competitors
- Table 112. Murata Major Business
- Table 113. Murata Analog Pyroelectric Infrared Sensor Product and Services
- Table 114. Murata Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Murata Recent Developments/Updates
- Table 116. Murata Competitive Strengths & Weaknesses
- Table 117. Nippon Ceramic Co., Ltd. Basic Information, Manufacturing Base and Competitors
- Table 118. Nippon Ceramic Co., Ltd. Major Business
- Table 119. Nippon Ceramic Co., Ltd. Analog Pyroelectric Infrared Sensor Product and Services
- Table 120. Nippon Ceramic Co., Ltd. Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Nippon Ceramic Co., Ltd. Recent Developments/Updates
- Table 122. Nippon Ceramic Co., Ltd. Competitive Strengths & Weaknesses
- Table 123. Heimann Sensor Basic Information, Manufacturing Base and Competitors
- Table 124. Heimann Sensor Major Business
- Table 125. Heimann Sensor Analog Pyroelectric Infrared Sensor Product and Services
- Table 126. Heimann Sensor Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. Heimann Sensor Recent Developments/Updates
- Table 128. Heimann Sensor Competitive Strengths & Weaknesses
- Table 129. Laser Components Basic Information, Manufacturing Base and Competitors
- Table 130. Laser Components Major Business
- Table 131. Laser Components Analog Pyroelectric Infrared Sensor Product and Services
- Table 132. Laser Components Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Laser Components Recent Developments/Updates
- Table 134. Laser Components Competitive Strengths & Weaknesses
- Table 135. DIAS Infrared Basic Information, Manufacturing Base and Competitors
- Table 136. DIAS Infrared Major Business

Table 137. DIAS Infrared Analog Pyroelectric Infrared Sensor Product and Services

Table 138. DIAS Infrared Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. DIAS Infrared Recent Developments/Updates

Table 140. DIAS Infrared Competitive Strengths & Weaknesses

Table 141. GEWEE Basic Information, Manufacturing Base and Competitors

Table 142. GEWEE Major Business

Table 143. GEWEE Analog Pyroelectric Infrared Sensor Product and Services

Table 144. GEWEE Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. GEWEE Recent Developments/Updates

Table 146. GEWEE Competitive Strengths & Weaknesses

Table 147. Micro-Hybrid Electronic Basic Information, Manufacturing Base and Competitors

Table 148. Micro-Hybrid Electronic Major Business

Table 149. Micro-Hybrid Electronic Analog Pyroelectric Infrared Sensor Product and Services

Table 150. Micro-Hybrid Electronic Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Micro-Hybrid Electronic Recent Developments/Updates

Table 152. Micro-Hybrid Electronic Competitive Strengths & Weaknesses

Table 153. Hanwei Electronics Group Basic Information, Manufacturing Base and Competitors

Table 154. Hanwei Electronics Group Major Business

Table 155. Hanwei Electronics Group Analog Pyroelectric Infrared Sensor Product and Services

Table 156. Hanwei Electronics Group Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Hanwei Electronics Group Recent Developments/Updates

Table 158. Hanwei Electronics Group Competitive Strengths & Weaknesses

Table 159. Senba Sensing Technology Basic Information, Manufacturing Base and Competitors

Table 160. Senba Sensing Technology Major Business

Table 161. Senba Sensing Technology Analog Pyroelectric Infrared Sensor Product and Services

Table 162. Senba Sensing Technology Analog Pyroelectric Infrared Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Senba Sensing Technology Recent Developments/Updates

Table 164. Senba Sensing Technology Competitive Strengths & Weaknesses

Table 165. Global Key Players of Analog Pyroelectric Infrared Sensor Upstream (Raw Materials)

Table 166. Global Analog Pyroelectric Infrared Sensor Typical Customers

Table 167. Analog Pyroelectric Infrared Sensor Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Analog Pyroelectric Infrared Sensor Picture
- Figure 2. World Analog Pyroelectric Infrared Sensor Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Analog Pyroelectric Infrared Sensor Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Analog Pyroelectric Infrared Sensor Production (2021-2032) & (K Units)
- Figure 5. World Analog Pyroelectric Infrared Sensor Average Price (2021-2032) & (US\$/Unit)
- Figure 6. World Analog Pyroelectric Infrared Sensor Production Value Market Share by Region (2021-2032)
- Figure 7. World Analog Pyroelectric Infrared Sensor Production Market Share by Region (2021-2032)
- Figure 8. North America Analog Pyroelectric Infrared Sensor Production (2021-2032) & (K Units)
- Figure 9. Europe Analog Pyroelectric Infrared Sensor Production (2021-2032) & (K Units)
- Figure 10. China Analog Pyroelectric Infrared Sensor Production (2021-2032) & (K Units)
- Figure 11. Japan Analog Pyroelectric Infrared Sensor Production (2021-2032) & (K Units)
- Figure 12. Analog Pyroelectric Infrared Sensor Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Analog Pyroelectric Infrared Sensor Consumption (2021-2032) & (K Units)
- Figure 15. World Analog Pyroelectric Infrared Sensor Consumption Market Share by Region (2021-2032)
- Figure 16. United States Analog Pyroelectric Infrared Sensor Consumption (2021-2032) & (K Units)
- Figure 17. China Analog Pyroelectric Infrared Sensor Consumption (2021-2032) & (K Units)
- Figure 18. Europe Analog Pyroelectric Infrared Sensor Consumption (2021-2032) & (K Units)
- Figure 19. Japan Analog Pyroelectric Infrared Sensor Consumption (2021-2032) & (K Units)
- Figure 20. South Korea Analog Pyroelectric Infrared Sensor Consumption (2021-2032)

& (K Units)

Figure 21. ASEAN Analog Pyroelectric Infrared Sensor Consumption (2021-2032) & (K Units)

Figure 22. India Analog Pyroelectric Infrared Sensor Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Analog Pyroelectric Infrared Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Analog Pyroelectric Infrared Sensor Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Analog Pyroelectric Infrared Sensor Markets in 2025

Figure 26. United States VS China: Analog Pyroelectric Infrared Sensor Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Analog Pyroelectric Infrared Sensor Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Analog Pyroelectric Infrared Sensor Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Analog Pyroelectric Infrared Sensor Production Market Share 2025

Figure 30. China Based Manufacturers Analog Pyroelectric Infrared Sensor Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Analog Pyroelectric Infrared Sensor Production Market Share 2025

Figure 32. World Analog Pyroelectric Infrared Sensor Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Analog Pyroelectric Infrared Sensor Production Value Market Share by Type in 2025

Figure 34. Single Channel

Figure 35. Dual Channel

Figure 36. Quad Channel

Figure 37. World Analog Pyroelectric Infrared Sensor Production Market Share by Type (2021-2032)

Figure 38. World Analog Pyroelectric Infrared Sensor Production Value Market Share by Type (2021-2032)

Figure 39. World Analog Pyroelectric Infrared Sensor Average Price by Type (2021-2032) & (US\$/Unit)

Figure 40. World Analog Pyroelectric Infrared Sensor Production Value by Material, (USD Million), 2021 & 2025 & 2032

Figure 41. World Analog Pyroelectric Infrared Sensor Production Value Market Share by

Material in 2025

Figure 42. Traditional Ceramic Type

Figure 43. New Crystal Type

Figure 44. World Analog Pyroelectric Infrared Sensor Production Market Share by Material (2021-2032)

Figure 45. World Analog Pyroelectric Infrared Sensor Production Value Market Share by Material (2021-2032)

Figure 46. World Analog Pyroelectric Infrared Sensor Average Price by Material (2021-2032) & (US\$/Unit)

Figure 47. World Analog Pyroelectric Infrared Sensor Production Value by Function Category, (USD Million), 2021 & 2025 & 2032

Figure 48. World Analog Pyroelectric Infrared Sensor Production Value Market Share by Function Category in 2025

Figure 49. Basic Detection Type

Figure 50. Intelligent Management Type

Figure 51. World Analog Pyroelectric Infrared Sensor Production Market Share by Function Category (2021-2032)

Figure 52. World Analog Pyroelectric Infrared Sensor Production Value Market Share by Function Category (2021-2032)

Figure 53. World Analog Pyroelectric Infrared Sensor Average Price by Function Category (2021-2032) & (US\$/Unit)

Figure 54. World Analog Pyroelectric Infrared Sensor Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World Analog Pyroelectric Infrared Sensor Production Value Market Share by Application in 2025

Figure 56. Lighting Products

Figure 57. Security Products

Figure 58. Smart Home

Figure 59. Consumer Electronics

Figure 60. Others

Figure 61. World Analog Pyroelectric Infrared Sensor Production Market Share by Application (2021-2032)

Figure 62. World Analog Pyroelectric Infrared Sensor Production Value Market Share by Application (2021-2032)

Figure 63. World Analog Pyroelectric Infrared Sensor Average Price by Application (2021-2032) & (US\$/Unit)

Figure 64. Analog Pyroelectric Infrared Sensor Industry Chain

Figure 65. Analog Pyroelectric Infrared Sensor Procurement Model

Figure 66. Analog Pyroelectric Infrared Sensor Sales Model

Figure 67. Analog Pyroelectric Infrared Sensor Sales Channels, Direct Sales, and Distribution

Figure 68. Methodology

Figure 69. Research Process and Data Source

I would like to order

Product name: Global Analog Pyroelectric Infrared Sensor Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G5932CAF2292EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G5932CAF2292EN.html>