

Global Wire Control Infrared Detector Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G3593A24AFF2EN.html>

Date: June 2026

Pages: 98

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

ID: G3593A24AFF2EN

Abstracts

The global Wire Control Infrared Detector market size is expected to reach \$ 3803 million by 2032, rising at a market growth of 6.2% CAGR during the forecast period (2026-2032).

The 'Wire Control Infrared Detector' is a device that uses infrared technology for detection and transmits control signals through wired connections. Its core function is to monitor the presence and movement of objects by sensing infrared radiation and interact with external devices through a wired connection. This technology is widely used in security surveillance, automation systems, and smart building applications, serving as a non-contact sensing technology that offers efficient monitoring, flexible installation, and low energy consumption. Unlike wireless infrared detectors, wired systems offer higher stability, making them suitable for environments requiring high reliability and security. The working principle of this detector is typically based on the thermoelectric or photoelectric effect, where the sensor module detects temperature fluctuations in the environment and identifies the movement or presence of heat sources. With high sensitivity, the wire-controlled infrared detector can accurately detect even the slightest thermal variations in complex environments, catering to different scene requirements. As IoT (Internet of Things) technologies continue to develop, these detectors can integrate deeply with smart homes, industrial automation, and other systems, providing essential support for various automation and smart control applications.

Market Development Opportunities & Main Driving Factors

With the growing global demand for smart and automated solutions, the market for wire control infrared detectors is witnessing unprecedented opportunities. First and foremost,

technological innovation is a key driver of market growth. Advances in infrared detectors, such as improvements in low power consumption, high sensitivity, and anti-interference capabilities, have enabled these products to be widely applied in more diverse scenarios. For example, new infrared sensor materials and integrated circuit designs can significantly enhance the accuracy and reliability of devices, meeting the high standards required by industries like security, industrial monitoring, and smart homes. Secondly, the continuous growth in downstream demand is a crucial factor driving the market. With the rise of smart cities and smart homes, wire control infrared detectors, as a core technology for security monitoring and environmental sensing, are seeing increased demand. Meanwhile, the stable cost of raw materials and the ongoing optimization of production processes allow manufacturers to offer high-performance detectors at more competitive prices, further expanding market penetration. Additionally, policy support, particularly in areas of smart technology and environmental sustainability, has accelerated market development. Global environmental policies and the demand for more energy-efficient solutions make wire control infrared detectors a vital component in the broader trend toward greener, more sustainable technologies.

Market Challenges, Risks, & Restraints

Despite the significant growth potential of the wire control infrared detector market, the industry faces several challenges and risks. First, technological barriers present a major challenge. Although current technological advancements are significant, high-precision, high-performance infrared detectors still require complex research and development efforts and high manufacturing costs. This creates high entry barriers for new market players. Moreover, while raw material costs remain relatively stable, global economic fluctuations could affect the supply chain, potentially leading to increased production costs. Secondly, the market is becoming increasingly competitive, particularly in more mature segments. As more companies enter the market, maintaining competitiveness in terms of product performance, price, and reliability becomes a major challenge. Furthermore, given that wire control infrared detectors are applied across various industries such as security, automation, and consumer electronics, their adaptability and performance across different market needs may vary. This variability requires manufacturers to provide customized solutions for each specific application. Lastly, while policy environments often support the growth of the industry, the varying regulations across countries and regions present uncertainty, creating potential risks for manufacturers in terms of compliance and market entry.

Downstream Demand Trends

The downstream demand trends for wire control infrared detectors are diverse across various sectors. In the security industry, with the growing global demand for public safety and smart surveillance, wire control infrared detectors are widely used in intrusion detection systems for buildings, shopping malls, and transportation hubs. Their efficient detection performance and stable transmission capabilities make them one of the core technologies in the security sector. In the smart home industry, with the maturation of IoT technology, wire control infrared detectors play a crucial role in smart lighting, environmental monitoring, and energy management. Specifically, in automatic adjustments of indoor temperature, humidity, and lighting, infrared detectors serve as key nodes in smart homes, significantly enhancing living comfort and energy efficiency. Additionally, in industrial automation, wire control infrared detectors, with their ability to monitor machinery, production lines, and real-time processes, provide efficient monitoring solutions for manufacturing enterprises. Across all these applications, the demand for wire control infrared detectors is growing, particularly in industries where smart technology adoption is accelerating. As new technologies and intelligent applications continue to advance, the demand for high-efficiency, reliable infrared sensing technology will further expand.

Regional Trends

The demand for wire control infrared detectors varies by region, with different trends emerging in each market. In North America and Europe, the rapid development of smart homes, security monitoring, and smart city initiatives is increasing the demand for wire control infrared detectors. These regions have high-end markets with stringent product performance and reliability requirements, leading to an increased adoption of high-precision and high-sensitivity infrared detectors. In China and the Asia-Pacific region, with the rapid development of manufacturing and industrial automation, the application of wire control infrared detectors is gradually expanding from traditional security to industrial control, environmental monitoring, and more. China, as the world's largest manufacturing hub, is driving increased demand for high-efficiency infrared detectors in industries such as smart transportation and smart cities. In other regions, such as Latin America and the Middle East, while there is significant market potential, demand remains relatively low due to underdeveloped infrastructure. However, as economies grow and technologies become more accessible, the demand for wire control infrared detectors in these regions is expected to rise.

This report studies the global Wire Control Infrared Detector production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Wire Control Infrared Detector 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 Wire Control Infrared Detector that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Wire Control Infrared Detector total production and demand, 2021-2032, (K Units)

Global Wire Control Infrared Detector total production value, 2021-2032, (USD Million)

Global Wire Control Infrared Detector production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Wire Control Infrared Detector consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Wire Control Infrared Detector domestic production, consumption, key domestic manufacturers and share

Global Wire Control Infrared Detector production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Wire Control Infrared Detector production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Wire Control Infrared Detector production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Wire Control Infrared Detector 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 Samsung Electronics, Broadcom, Toshiba, STMicroelectronics, TE Connectivity, Analog Devices, L3Harris Technologies, Ametek, Coherent, Citizen Electronics, 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 Wire Control Infrared Detector 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 Wire Control Infrared Detector Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Wire Control Infrared Detector Market, Segmentation by Type:

Relay Output Detector

Analog Voltage Output Detector

Digital Signal Output Detector

Tamper-Proof Output Detector

Global Wire Control Infrared Detector Market, Segmentation by Certification:

CE Certified

FCC Certified

RoHS Compliant

UL Listed

Global Wire Control Infrared Detector Market, Segmentation by Coverage Pattern:

Wide Angle Detector

Narrow Beam Detector

Global Wire Control Infrared Detector Market, Segmentation by Detection Range:

Short Range Detector (30m)

Ultra Long Range Detector (>100m)

Global Wire Control Infrared Detector Market, Segmentation by Application:

Residential Building

Commercial Building

Industrial Building

Companies Profiled:

Samsung Electronics

Broadcom

Toshiba

STMicroelectronics

TE Connectivity

Analog Devices

L3Harris Technologies

Ametek

Coherent

Citizen Electronics

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

- 1.1 Wire Control Infrared Detector Introduction
- 1.2 World Wire Control Infrared Detector Supply & Forecast
 - 1.2.1 World Wire Control Infrared Detector Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Wire Control Infrared Detector Production (2021-2032)
 - 1.2.3 World Wire Control Infrared Detector Pricing Trends (2021-2032)
- 1.3 World Wire Control Infrared Detector Production by Region (Based on Production Site)
 - 1.3.1 World Wire Control Infrared Detector Production Value by Region (2021-2032)
 - 1.3.2 World Wire Control Infrared Detector Production by Region (2021-2032)
 - 1.3.3 World Wire Control Infrared Detector Average Price by Region (2021-2032)
 - 1.3.4 North America Wire Control Infrared Detector Production (2021-2032)
 - 1.3.5 Asia Wire Control Infrared Detector Production (2021-2032)
 - 1.3.6 Europe Wire Control Infrared Detector Production (2021-2032)
 - 1.3.7 Latin America Wire Control Infrared Detector Production (2021-2032)
 - 1.3.8 Middle East & Africa Wire Control Infrared Detector Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Wire Control Infrared Detector Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Wire Control Infrared Detector Major Market Trends

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Wire Control Infrared Detector Production Value by Manufacturer (2021-2026)
- 3.2 World Wire Control Infrared Detector Production by Manufacturer (2021-2026)
- 3.3 World Wire Control Infrared Detector Average Price by Manufacturer (2021-2026)
- 3.4 Wire Control Infrared Detector Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Wire Control Infrared Detector Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Wire Control Infrared Detector in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Wire Control Infrared Detector in 2025
- 3.6 Wire Control Infrared Detector Market: Overall Company Footprint Analysis
 - 3.6.1 Wire Control Infrared Detector Market: Region Footprint
 - 3.6.2 Wire Control Infrared Detector Market: Company Product Type Footprint
 - 3.6.3 Wire Control Infrared Detector 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: Wire Control Infrared Detector Production Value Comparison
 - 4.1.1 United States VS China: Wire Control Infrared Detector Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Wire Control Infrared Detector Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Wire Control Infrared Detector Production Comparison
 - 4.2.1 United States VS China: Wire Control Infrared Detector Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Wire Control Infrared Detector Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Wire Control Infrared Detector Consumption Comparison
 - 4.3.1 United States VS China: Wire Control Infrared Detector Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Wire Control Infrared Detector Consumption Market

Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Wire Control Infrared Detector Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Wire Control Infrared Detector Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Wire Control Infrared Detector Production Value (2021-2026)

4.4.3 United States Based Manufacturers Wire Control Infrared Detector Production (2021-2026)

4.5 China Based Wire Control Infrared Detector Manufacturers and Market Share

4.5.1 China Based Wire Control Infrared Detector Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Wire Control Infrared Detector Production Value (2021-2026)

4.5.3 China Based Manufacturers Wire Control Infrared Detector Production (2021-2026)

4.6 Rest of World Based Wire Control Infrared Detector Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Wire Control Infrared Detector Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Wire Control Infrared Detector Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Wire Control Infrared Detector Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Wire Control Infrared Detector Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Relay Output Detector

5.2.2 Analog Voltage Output Detector

5.2.3 Digital Signal Output Detector

5.2.4 Tamper-Proof Output Detector

5.3 Market Segment by Type

5.3.1 World Wire Control Infrared Detector Production by Type (2021-2032)

5.3.2 World Wire Control Infrared Detector Production Value by Type (2021-2032)

5.3.3 World Wire Control Infrared Detector Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY CERTIFICATION

6.1 World Wire Control Infrared Detector Market Size Overview by Certification: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Certification

6.2.1 CE Certified

6.2.2 FCC Certified

6.2.3 RoHS Compliant

6.2.4 UL Listed

6.3 Market Segment by Certification

6.3.1 World Wire Control Infrared Detector Production by Certification (2021-2032)

6.3.2 World Wire Control Infrared Detector Production Value by Certification (2021-2032)

6.3.3 World Wire Control Infrared Detector Average Price by Certification (2021-2032)

7 MARKET ANALYSIS BY COVERAGE PATTERN

7.1 World Wire Control Infrared Detector Market Size Overview by Coverage Pattern: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Coverage Pattern

7.2.1 Wide Angle Detector

7.2.2 Narrow Beam Detector

7.3 Market Segment by Coverage Pattern

7.3.1 World Wire Control Infrared Detector Production by Coverage Pattern (2021-2032)

7.3.2 World Wire Control Infrared Detector Production Value by Coverage Pattern (2021-2032)

7.3.3 World Wire Control Infrared Detector Average Price by Coverage Pattern (2021-2032)

8 MARKET ANALYSIS BY DETECTION RANGE

8.1 World Wire Control Infrared Detector Market Size Overview by Detection Range: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Detection Range

8.2.1 Short Range Detector (30m)

8.2.4 Ultra Long Range Detector (>100m)

8.3 Market Segment by Detection Range

8.3.1 World Wire Control Infrared Detector Production by Detection Range (2021-2032)

8.3.2 World Wire Control Infrared Detector Production Value by Detection Range

(2021-2032)

8.3.3 World Wire Control Infrared Detector Average Price by Detection Range

(2021-2032)

9 MARKET ANALYSIS BY APPLICATION

9.1 World Wire Control Infrared Detector Market Size Overview by Application: 2021 VS 2025 VS 2032

9.2 Segment Introduction by Application

9.2.1 Residential Building

9.2.2 Commercial Building

9.2.3 Industrial Building

9.3 Market Segment by Application

9.3.1 World Wire Control Infrared Detector Production by Application (2021-2032)

9.3.2 World Wire Control Infrared Detector Production Value by Application (2021-2032)

9.3.3 World Wire Control Infrared Detector Average Price by Application (2021-2032)

10 COMPANY PROFILES

10.1 Samsung Electronics

10.1.1 Samsung Electronics Details

10.1.2 Samsung Electronics Major Business

10.1.3 Samsung Electronics Wire Control Infrared Detector Product and Services

10.1.4 Samsung Electronics Wire Control Infrared Detector Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.1.5 Samsung Electronics Recent Developments/Updates

10.1.6 Samsung Electronics Competitive Strengths & Weaknesses

10.2 Broadcom

10.2.1 Broadcom Details

10.2.2 Broadcom Major Business

10.2.3 Broadcom Wire Control Infrared Detector Product and Services

10.2.4 Broadcom Wire Control Infrared Detector Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.2.5 Broadcom Recent Developments/Updates

10.2.6 Broadcom Competitive Strengths & Weaknesses

10.3 Toshiba

10.3.1 Toshiba Details

10.3.2 Toshiba Major Business

10.3.3 Toshiba Wire Control Infrared Detector Product and Services

10.3.4 Toshiba Wire Control Infrared Detector Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.3.5 Toshiba Recent Developments/Updates

10.3.6 Toshiba Competitive Strengths & Weaknesses

10.4 STMicroelectronics

10.4.1 STMicroelectronics Details

10.4.2 STMicroelectronics Major Business

10.4.3 STMicroelectronics Wire Control Infrared Detector Product and Services

10.4.4 STMicroelectronics Wire Control Infrared Detector Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.4.5 STMicroelectronics Recent Developments/Updates

10.4.6 STMicroelectronics Competitive Strengths & Weaknesses

10.5 TE Connectivity

10.5.1 TE Connectivity Details

10.5.2 TE Connectivity Major Business

10.5.3 TE Connectivity Wire Control Infrared Detector Product and Services

10.5.4 TE Connectivity Wire Control Infrared Detector Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.5.5 TE Connectivity Recent Developments/Updates

10.5.6 TE Connectivity Competitive Strengths & Weaknesses

10.6 Analog Devices

10.6.1 Analog Devices Details

10.6.2 Analog Devices Major Business

10.6.3 Analog Devices Wire Control Infrared Detector Product and Services

10.6.4 Analog Devices Wire Control Infrared Detector Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.6.5 Analog Devices Recent Developments/Updates

10.6.6 Analog Devices Competitive Strengths & Weaknesses

10.7 L3Harris Technologies

10.7.1 L3Harris Technologies Details

10.7.2 L3Harris Technologies Major Business

10.7.3 L3Harris Technologies Wire Control Infrared Detector Product and Services

10.7.4 L3Harris Technologies Wire Control Infrared Detector Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.7.5 L3Harris Technologies Recent Developments/Updates

10.7.6 L3Harris Technologies Competitive Strengths & Weaknesses

10.8 Ametek

10.8.1 Ametek Details

10.8.2 Ametek Major Business

- 10.8.3 Ametek Wire Control Infrared Detector Product and Services
- 10.8.4 Ametek Wire Control Infrared Detector Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 10.8.5 Ametek Recent Developments/Updates
- 10.8.6 Ametek Competitive Strengths & Weaknesses
- 10.9 Coherent
 - 10.9.1 Coherent Details
 - 10.9.2 Coherent Major Business
 - 10.9.3 Coherent Wire Control Infrared Detector Product and Services
 - 10.9.4 Coherent Wire Control Infrared Detector Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.9.5 Coherent Recent Developments/Updates
 - 10.9.6 Coherent Competitive Strengths & Weaknesses
- 10.10 Citizen Electronics
 - 10.10.1 Citizen Electronics Details
 - 10.10.2 Citizen Electronics Major Business
 - 10.10.3 Citizen Electronics Wire Control Infrared Detector Product and Services
 - 10.10.4 Citizen Electronics Wire Control Infrared Detector Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.10.5 Citizen Electronics Recent Developments/Updates
 - 10.10.6 Citizen Electronics Competitive Strengths & Weaknesses

11 INDUSTRY CHAIN ANALYSIS

- 11.1 Wire Control Infrared Detector Industry Chain
- 11.2 Wire Control Infrared Detector Upstream Analysis
 - 11.2.1 Wire Control Infrared Detector Core Raw Materials
 - 11.2.2 Main Manufacturers of Wire Control Infrared Detector Core Raw Materials
- 11.3 Midstream Analysis
- 11.4 Downstream Analysis
- 11.5 Wire Control Infrared Detector Production Mode
- 11.6 Wire Control Infrared Detector Procurement Model
- 11.7 Wire Control Infrared Detector Industry Sales Model and Sales Channels
 - 11.7.1 Wire Control Infrared Detector Sales Model
 - 11.7.2 Wire Control Infrared Detector Typical Distributors

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

13.1 Methodology

13.2 Research Process and Data Source

13.3 Disclaimer

List Of Tables

LIST OF TABLES

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

Table 19. Production Market Share of Key Wire Control Infrared Detector Producers in 2025

Table 20. World Wire Control Infrared Detector Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Wire Control Infrared Detector Company Evaluation Quadrant

Table 22. World Wire Control Infrared Detector Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Wire Control Infrared Detector Production Site of Key Manufacturer

Table 24. Wire Control Infrared Detector Market: Company Product Type Footprint

Table 25. Wire Control Infrared Detector Market: Company Product Application Footprint

Table 26. Wire Control Infrared Detector Competitive Factors

Table 27. Wire Control Infrared Detector New Entrant and Capacity Expansion Plans

Table 28. Wire Control Infrared Detector Mergers & Acquisitions Activity

Table 29. United States VS China Wire Control Infrared Detector Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Wire Control Infrared Detector Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Wire Control Infrared Detector Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Wire Control Infrared Detector Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Wire Control Infrared Detector Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Wire Control Infrared Detector Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Wire Control Infrared Detector Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Wire Control Infrared Detector Production Market Share (2021-2026)

Table 37. China Based Wire Control Infrared Detector Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Wire Control Infrared Detector Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Wire Control Infrared Detector Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Wire Control Infrared Detector Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Wire Control Infrared Detector Production Market Share (2021-2026)

Table 42. Rest of World Based Wire Control Infrared Detector Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Wire Control Infrared Detector Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Wire Control Infrared Detector Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Wire Control Infrared Detector Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Wire Control Infrared Detector Production Market Share (2021-2026)

Table 47. World Wire Control Infrared Detector Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Wire Control Infrared Detector Production by Type (2021-2026) & (K Units)

Table 49. World Wire Control Infrared Detector Production by Type (2027-2032) & (K Units)

Table 50. World Wire Control Infrared Detector Production Value by Type (2021-2026) & (USD Million)

Table 51. World Wire Control Infrared Detector Production Value by Type (2027-2032) & (USD Million)

Table 52. World Wire Control Infrared Detector Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Wire Control Infrared Detector Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Wire Control Infrared Detector Production Value by Certification, (USD Million), 2021 & 2025 & 2032

Table 55. World Wire Control Infrared Detector Production by Certification (2021-2026) & (K Units)

Table 56. World Wire Control Infrared Detector Production by Certification (2027-2032) & (K Units)

Table 57. World Wire Control Infrared Detector Production Value by Certification (2021-2026) & (USD Million)

Table 58. World Wire Control Infrared Detector Production Value by Certification (2027-2032) & (USD Million)

Table 59. World Wire Control Infrared Detector Average Price by Certification (2021-2026) & (US\$/Unit)

Table 60. World Wire Control Infrared Detector Average Price by Certification

(2027-2032) & (US\$/Unit)

Table 61. World Wire Control Infrared Detector Production Value by Coverage Pattern, (USD Million), 2021 & 2025 & 2032

Table 62. World Wire Control Infrared Detector Production by Coverage Pattern (2021-2026) & (K Units)

Table 63. World Wire Control Infrared Detector Production by Coverage Pattern (2027-2032) & (K Units)

Table 64. World Wire Control Infrared Detector Production Value by Coverage Pattern (2021-2026) & (USD Million)

Table 65. World Wire Control Infrared Detector Production Value by Coverage Pattern (2027-2032) & (USD Million)

Table 66. World Wire Control Infrared Detector Average Price by Coverage Pattern (2021-2026) & (US\$/Unit)

Table 67. World Wire Control Infrared Detector Average Price by Coverage Pattern (2027-2032) & (US\$/Unit)

Table 68. World Wire Control Infrared Detector Production Value by Detection Range, (USD Million), 2021 & 2025 & 2032

Table 69. World Wire Control Infrared Detector Production by Detection Range (2021-2026) & (K Units)

Table 70. World Wire Control Infrared Detector Production by Detection Range (2027-2032) & (K Units)

Table 71. World Wire Control Infrared Detector Production Value by Detection Range (2021-2026) & (USD Million)

Table 72. World Wire Control Infrared Detector Production Value by Detection Range (2027-2032) & (USD Million)

Table 73. World Wire Control Infrared Detector Average Price by Detection Range (2021-2026) & (US\$/Unit)

Table 74. World Wire Control Infrared Detector Average Price by Detection Range (2027-2032) & (US\$/Unit)

Table 75. World Wire Control Infrared Detector Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 76. World Wire Control Infrared Detector Production by Application (2021-2026) & (K Units)

Table 77. World Wire Control Infrared Detector Production by Application (2027-2032) & (K Units)

Table 78. World Wire Control Infrared Detector Production Value by Application (2021-2026) & (USD Million)

Table 79. World Wire Control Infrared Detector Production Value by Application (2027-2032) & (USD Million)

Table 80. World Wire Control Infrared Detector Average Price by Application (2021-2026) & (US\$/Unit)
Table 81. World Wire Control Infrared Detector Average Price by Application (2027-2032) & (US\$/Unit)
Table 82. Samsung Electronics Basic Information, Manufacturing Base and Competitors
Table 83. Samsung Electronics Major Business
Table 84. Samsung Electronics Wire Control Infrared Detector Product and Services
Table 85. Samsung Electronics Wire Control Infrared Detector Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 86. Samsung Electronics Recent Developments/Updates
Table 87. Samsung Electronics Competitive Strengths & Weaknesses
Table 88. Broadcom Basic Information, Manufacturing Base and Competitors
Table 89. Broadcom Major Business
Table 90. Broadcom Wire Control Infrared Detector Product and Services
Table 91. Broadcom Wire Control Infrared Detector Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 92. Broadcom Recent Developments/Updates
Table 93. Broadcom Competitive Strengths & Weaknesses
Table 94. Toshiba Basic Information, Manufacturing Base and Competitors
Table 95. Toshiba Major Business
Table 96. Toshiba Wire Control Infrared Detector Product and Services
Table 97. Toshiba Wire Control Infrared Detector Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 98. Toshiba Recent Developments/Updates
Table 99. Toshiba Competitive Strengths & Weaknesses
Table 100. STMicroelectronics Basic Information, Manufacturing Base and Competitors
Table 101. STMicroelectronics Major Business
Table 102. STMicroelectronics Wire Control Infrared Detector Product and Services
Table 103. STMicroelectronics Wire Control Infrared Detector Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 104. STMicroelectronics Recent Developments/Updates
Table 105. STMicroelectronics Competitive Strengths & Weaknesses
Table 106. TE Connectivity Basic Information, Manufacturing Base and Competitors
Table 107. TE Connectivity Major Business
Table 108. TE Connectivity Wire Control Infrared Detector Product and Services
Table 109. TE Connectivity Wire Control Infrared Detector Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 110. TE Connectivity Recent Developments/Updates

Table 111. TE Connectivity Competitive Strengths & Weaknesses

Table 112. Analog Devices Basic Information, Manufacturing Base and Competitors

Table 113. Analog Devices Major Business

Table 114. Analog Devices Wire Control Infrared Detector Product and Services

Table 115. Analog Devices Wire Control Infrared Detector Production (K Units), Price
(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 116. Analog Devices Recent Developments/Updates

Table 117. Analog Devices Competitive Strengths & Weaknesses

Table 118. L3Harris Technologies Basic Information, Manufacturing Base and
Competitors

Table 119. L3Harris Technologies Major Business

Table 120. L3Harris Technologies Wire Control Infrared Detector Product and Services

Table 121. L3Harris Technologies Wire Control Infrared Detector Production (K Units),
Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 122. L3Harris Technologies Recent Developments/Updates

Table 123. L3Harris Technologies Competitive Strengths & Weaknesses

Table 124. Ametek Basic Information, Manufacturing Base and Competitors

Table 125. Ametek Major Business

Table 126. Ametek Wire Control Infrared Detector Product and Services

Table 127. Ametek Wire Control Infrared Detector Production (K Units), Price
(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 128. Ametek Recent Developments/Updates

Table 129. Ametek Competitive Strengths & Weaknesses

Table 130. Coherent Basic Information, Manufacturing Base and Competitors

Table 131. Coherent Major Business

Table 132. Coherent Wire Control Infrared Detector Product and Services

Table 133. Coherent Wire Control Infrared Detector Production (K Units), Price
(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 134. Coherent Recent Developments/Updates

Table 135. Coherent Competitive Strengths & Weaknesses

Table 136. Citizen Electronics Basic Information, Manufacturing Base and Competitors

Table 137. Citizen Electronics Major Business

Table 138. Citizen Electronics Wire Control Infrared Detector Product and Services

Table 139. Citizen Electronics Wire Control Infrared Detector Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 140. Citizen Electronics Recent Developments/Updates

Table 141. Citizen Electronics Competitive Strengths & Weaknesses

Table 142. Global Key Players of Wire Control Infrared Detector Upstream (Raw Materials)

Table 143. Global Wire Control Infrared Detector Typical Customers

Table 144. Wire Control Infrared Detector Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Wire Control Infrared Detector Picture

Figure 2. World Wire Control Infrared Detector Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Wire Control Infrared Detector Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Wire Control Infrared Detector Production (2021-2032) & (K Units)

Figure 5. World Wire Control Infrared Detector Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Wire Control Infrared Detector Production Value Market Share by Region (2021-2032)

Figure 7. World Wire Control Infrared Detector Production Market Share by Region (2021-2032)

Figure 8. North America Wire Control Infrared Detector Production (2021-2032) & (K Units)

Figure 9. Asia Wire Control Infrared Detector Production (2021-2032) & (K Units)

Figure 10. Europe Wire Control Infrared Detector Production (2021-2032) & (K Units)

Figure 11. Latin America Wire Control Infrared Detector Production (2021-2032) & (K Units)

Figure 12. Middle East & Africa Wire Control Infrared Detector Production (2021-2032) & (K Units)

Figure 13. Wire Control Infrared Detector Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Wire Control Infrared Detector Consumption (2021-2032) & (K Units)

Figure 16. World Wire Control Infrared Detector Consumption Market Share by Region (2021-2032)

Figure 17. United States Wire Control Infrared Detector Consumption (2021-2032) & (K Units)

Figure 18. China Wire Control Infrared Detector Consumption (2021-2032) & (K Units)

Figure 19. Europe Wire Control Infrared Detector Consumption (2021-2032) & (K Units)

Figure 20. Japan Wire Control Infrared Detector Consumption (2021-2032) & (K Units)

Figure 21. South Korea Wire Control Infrared Detector Consumption (2021-2032) & (K Units)

Figure 22. ASEAN Wire Control Infrared Detector Consumption (2021-2032) & (K Units)

Figure 23. India Wire Control Infrared Detector Consumption (2021-2032) & (K Units)

Figure 24. Producer Shipments of Wire Control Infrared Detector by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Wire Control Infrared Detector Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Wire Control Infrared Detector Markets in 2025

Figure 27. United States VS China: Wire Control Infrared Detector Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Wire Control Infrared Detector Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Wire Control Infrared Detector Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers Wire Control Infrared Detector Production Market Share 2025

Figure 31. China Based Manufacturers Wire Control Infrared Detector Production Market Share 2025

Figure 32. Rest of World Based Manufacturers Wire Control Infrared Detector Production Market Share 2025

Figure 33. World Wire Control Infrared Detector Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World Wire Control Infrared Detector Production Value Market Share by Type in 2025

Figure 35. Relay Output Detector

Figure 36. Analog Voltage Output Detector

Figure 37. Digital Signal Output Detector

Figure 38. Tamper-Proof Output Detector

Figure 39. World Wire Control Infrared Detector Production Market Share by Type (2021-2032)

Figure 40. World Wire Control Infrared Detector Production Value Market Share by Type (2021-2032)

Figure 41. World Wire Control Infrared Detector Average Price by Type (2021-2032) & (US\$/Unit)

Figure 42. World Wire Control Infrared Detector Production Value by Certification, (USD Million), 2021 & 2025 & 2032

Figure 43. World Wire Control Infrared Detector Production Value Market Share by Certification in 2025

Figure 44. CE Certified

Figure 45. FCC Certified

Figure 46. RoHS Compliant

Figure 47. UL Listed

Figure 48. World Wire Control Infrared Detector Production Market Share by

Certification (2021-2032)

Figure 49. World Wire Control Infrared Detector Production Value Market Share by Certification (2021-2032)

Figure 50. World Wire Control Infrared Detector Average Price by Certification (2021-2032) & (US\$/Unit)

Figure 51. World Wire Control Infrared Detector Production Value by Coverage Pattern, (USD Million), 2021 & 2025 & 2032

Figure 52. World Wire Control Infrared Detector Production Value Market Share by Coverage Pattern in 2025

Figure 53. Wide Angle Detector

Figure 54. Narrow Beam Detector

Figure 55. World Wire Control Infrared Detector Production Market Share by Coverage Pattern (2021-2032)

Figure 56. World Wire Control Infrared Detector Production Value Market Share by Coverage Pattern (2021-2032)

Figure 57. World Wire Control Infrared Detector Average Price by Coverage Pattern (2021-2032) & (US\$/Unit)

Figure 58. World Wire Control Infrared Detector Production Value by Detection Range, (USD Million), 2021 & 2025 & 2032

Figure 59. World Wire Control Infrared Detector Production Value Market Share by Detection Range in 2025

Figure 60. Short Range Detector (30m)

Figure 63. Ultra Long Range Detector (>100m)

Figure 64. World Wire Control Infrared Detector Production Market Share by Detection Range (2021-2032)

Figure 65. World Wire Control Infrared Detector Production Value Market Share by Detection Range (2021-2032)

Figure 66. World Wire Control Infrared Detector Average Price by Detection Range (2021-2032) & (US\$/Unit)

Figure 67. World Wire Control Infrared Detector Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 68. World Wire Control Infrared Detector Production Value Market Share by Application in 2025

Figure 69. Residential Building

Figure 70. Commercial Building

Figure 71. Industrial Building

Figure 72. World Wire Control Infrared Detector Production Market Share by Application (2021-2032)

Figure 73. World Wire Control Infrared Detector Production Value Market Share by

Application (2021-2032)

Figure 74. World Wire Control Infrared Detector Average Price by Application (2021-2032) & (US\$/Unit)

Figure 75. Wire Control Infrared Detector Industry Chain

Figure 76. Wire Control Infrared Detector Procurement Model

Figure 77. Wire Control Infrared Detector Sales Model

Figure 78. Wire Control Infrared Detector Sales Channels, Direct Sales, and Distribution

Figure 79. Methodology

Figure 80. Research Process and Data Source

I would like to order

Product name: Global Wire Control Infrared Detector Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G3593A24AFF2EN.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/G3593A24AFF2EN.html>