

Global Dual-Color Infrared Detectors Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G1B8DCC5AC16EN.html>

Date: June 2026

Pages: 99

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

ID: G1B8DCC5AC16EN

Abstracts

The global Dual-Color Infrared Detectors market size is expected to reach \$ 243 million by 2032, rising at a market growth of 8.1% CAGR during the forecast period (2026-2032).

In 2025, global Dual-Color Infrared Detectors production reached approximately 29,728 Units. The average price is approximately \$4,600. Dual-Color Infrared Detectors are specialized sensors designed to detect and measure infrared (IR) radiation in two distinct wavelength ranges, typically within the mid-wave infrared (MWIR) and long-wave infrared (LWIR) spectra. These detectors are used for applications that require precise thermal imaging, temperature measurement, gas detection, and environmental monitoring, providing more detailed information than single-color (single-wavelength) detectors.

Gross Profit Margin Level

From a profit structure perspective, dual-color infrared detectors typically occupy a higher-margin but more differentiated position in the infrared industry chain. Firstly, dual-color products often involve high-barrier material systems such as MCT or T2SL, coupled with ROIC, coolers, vacuum packaging, filtering, and pixel consistency control, making their R&D and manufacturing significantly more difficult than ordinary monochromatic devices. Secondly, downstream applications are mostly in high-value-added scenarios such as high-end defense, aerospace, special surveillance, and high-precision gas analysis, thus their pricing structure is more robust than that of ordinary thermal imaging elements. Public data also shows that higher-end long-wave, very long-wave, and dual-color cooled infrared products are considered high-value-added specialty products. Based on comparable company disclosures and industry

experience, the gross profit margin of the dual-color infrared detector industry is roughly 40%-55%; among them, high-end cooled dual-color focal plane detectors are mostly 45%-60%, while industrial analytical dual-element/dual-channel devices are typically 30%-45%. Industry Drivers (Article Format) The core driving force behind dual-color infrared detectors is not simply 'infrared visibility,' but rather the shift from single-band visibility to more reliable identification and discrimination against complex backgrounds. In the defense sector, dual-color information can significantly improve missile approach warning, infrared search and tracking, and target identification in complex scenes, reducing false alarms and increasing the probability of detecting weak and low-radiation targets. In the oil and gas, chemical, and utilities sectors, EU methane emission reduction regulations and LDAR requirements are driving the implementation of more sensitive OGI and quantitative gas detection solutions, and dual-color/dual-channel solutions are naturally better suited for spectral selection and background suppression. In industry and scientific research, dual-color data helps achieve more robust temperature inversion, material differentiation, and process monitoring. Looking further ahead, high-resolution T2SL and MCT dual-color detectors are evolving towards smaller pixels, higher frame rates, and lower SWaP, which will further push the market from 'a few special military devices' to a three-pronged approach of 'military + high-end industrial detection + aerospace remote sensing.'

This report studies the global Dual-Color Infrared Detectors production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Dual-Color Infrared Detectors 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 Dual-Color Infrared Detectors that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Dual-Color Infrared Detectors total production and demand, 2021-2032, (K Units)

Global Dual-Color Infrared Detectors total production value, 2021-2032, (USD Million)

Global Dual-Color Infrared Detectors production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Dual-Color Infrared Detectors consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Dual-Color Infrared Detectors domestic production, consumption, key domestic manufacturers and share

Global Dual-Color Infrared Detectors production by manufacturer, production, price,

value and market share 2021-2026, (USD Million) & (K Units)

Global Dual-Color Infrared Detectors production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Dual-Color Infrared Detectors production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Dual-Color Infrared Detectors 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 Leonardo, Wuhan Guide Infrared, i3system, AIM Infrarot-Module, IRnova, Hamamatsu Photonics, VIGO Photonics, WUHAN GLOBAL SENSOR TECHNOLOGY, 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 Dual-Color Infrared Detectors 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 Dual-Color Infrared Detectors Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Dual-Color Infrared Detectors Market, Segmentation by Type:

MWIR + LWIR

MWIR + MWIR

Others

Global Dual-Color Infrared Detectors Market, Segmentation by Cooling Method:

Refrigerating Type

Non-Refrigerating Type

Global Dual-Color Infrared Detectors Market, Segmentation by Pixel Level:

Ultra HD: 1280x1024

VGA: 640x512

QVGA: 320x256

Others

Global Dual-Color Infrared Detectors Market, Segmentation by Application:

Defense Early Warning

Infrared Search and Tracking

Aerospace

Others

Companies Profiled:

Leonardo

Wuhan Guide Infrared

i3system

AIM Infrarot-Module

IRnova

Hamamatsu Photonics

VIGO Photonics

WUHAN GLOBAL SENSOR TECHNOLOGY

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

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

4.4 United States Based Dual-Color Infrared Detectors Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Dual-Color Infrared Detectors Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Dual-Color Infrared Detectors Production Value (2021-2026)

4.4.3 United States Based Manufacturers Dual-Color Infrared Detectors Production (2021-2026)

4.5 China Based Dual-Color Infrared Detectors Manufacturers and Market Share

4.5.1 China Based Dual-Color Infrared Detectors Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Dual-Color Infrared Detectors Production Value (2021-2026)

4.5.3 China Based Manufacturers Dual-Color Infrared Detectors Production (2021-2026)

4.6 Rest of World Based Dual-Color Infrared Detectors Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Dual-Color Infrared Detectors Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Dual-Color Infrared Detectors Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Dual-Color Infrared Detectors Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Dual-Color Infrared Detectors Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 MWIR + LWIR

5.2.2 MWIR + MWIR

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Dual-Color Infrared Detectors Production by Type (2021-2032)

5.3.2 World Dual-Color Infrared Detectors Production Value by Type (2021-2032)

5.3.3 World Dual-Color Infrared Detectors Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY COOLING METHOD

6.1 World Dual-Color Infrared Detectors Market Size Overview by Cooling Method: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Cooling Method

6.2.1 Refrigerating Type

6.2.2 Non-Refrigerating Type

6.3 Market Segment by Cooling Method

6.3.1 World Dual-Color Infrared Detectors Production by Cooling Method (2021-2032)

6.3.2 World Dual-Color Infrared Detectors Production Value by Cooling Method (2021-2032)

6.3.3 World Dual-Color Infrared Detectors Average Price by Cooling Method (2021-2032)

7 MARKET ANALYSIS BY PIXEL LEVEL

7.1 World Dual-Color Infrared Detectors Market Size Overview by Pixel Level: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Pixel Level

7.2.1 Ultra HD: 1280x1024

7.2.2 VGA: 640x512

7.2.3 QVGA: 320x256

7.2.4 Others

7.3 Market Segment by Pixel Level

7.3.1 World Dual-Color Infrared Detectors Production by Pixel Level (2021-2032)

7.3.2 World Dual-Color Infrared Detectors Production Value by Pixel Level (2021-2032)

7.3.3 World Dual-Color Infrared Detectors Average Price by Pixel Level (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Dual-Color Infrared Detectors Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Defense Early Warning

8.2.2 Infrared Search and Tracking

8.2.3 Aerospace

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Dual-Color Infrared Detectors Production by Application (2021-2032)

8.3.2 World Dual-Color Infrared Detectors Production Value by Application (2021-2032)

8.3.3 World Dual-Color Infrared Detectors Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Leonardo

9.1.1 Leonardo Details

9.1.2 Leonardo Major Business

9.1.3 Leonardo Dual-Color Infrared Detectors Product and Services

9.1.4 Leonardo Dual-Color Infrared Detectors Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Leonardo Recent Developments/Updates

9.1.6 Leonardo Competitive Strengths & Weaknesses

9.2 Wuhan Guide Infrared

9.2.1 Wuhan Guide Infrared Details

9.2.2 Wuhan Guide Infrared Major Business

9.2.3 Wuhan Guide Infrared Dual-Color Infrared Detectors Product and Services

9.2.4 Wuhan Guide Infrared Dual-Color Infrared Detectors Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Wuhan Guide Infrared Recent Developments/Updates

9.2.6 Wuhan Guide Infrared Competitive Strengths & Weaknesses

9.3 i3system

9.3.1 i3system Details

9.3.2 i3system Major Business

9.3.3 i3system Dual-Color Infrared Detectors Product and Services

9.3.4 i3system Dual-Color Infrared Detectors Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 i3system Recent Developments/Updates

9.3.6 i3system Competitive Strengths & Weaknesses

9.4 AIM Infrarot-Module

9.4.1 AIM Infrarot-Module Details

9.4.2 AIM Infrarot-Module Major Business

9.4.3 AIM Infrarot-Module Dual-Color Infrared Detectors Product and Services

9.4.4 AIM Infrarot-Module Dual-Color Infrared Detectors Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 AIM Infrarot-Module Recent Developments/Updates

9.4.6 AIM Infrarot-Module Competitive Strengths & Weaknesses

9.5 IRnova

9.5.1 IRnova Details

9.5.2 IRnova Major Business

9.5.3 IRnova Dual-Color Infrared Detectors Product and Services

9.5.4 IRnova Dual-Color Infrared Detectors Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 IRnova Recent Developments/Updates

9.5.6 IRnova Competitive Strengths & Weaknesses

9.6 Hamamatsu Photonics

9.6.1 Hamamatsu Photonics Details

9.6.2 Hamamatsu Photonics Major Business

9.6.3 Hamamatsu Photonics Dual-Color Infrared Detectors Product and Services

9.6.4 Hamamatsu Photonics Dual-Color Infrared Detectors Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Hamamatsu Photonics Recent Developments/Updates

9.6.6 Hamamatsu Photonics Competitive Strengths & Weaknesses

9.7 VIGO Photonics

9.7.1 VIGO Photonics Details

9.7.2 VIGO Photonics Major Business

9.7.3 VIGO Photonics Dual-Color Infrared Detectors Product and Services

9.7.4 VIGO Photonics Dual-Color Infrared Detectors Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 VIGO Photonics Recent Developments/Updates

9.7.6 VIGO Photonics Competitive Strengths & Weaknesses

9.8 WUHAN GLOBAL SENSOR TECHNOLOGY

9.8.1 WUHAN GLOBAL SENSOR TECHNOLOGY Details

9.8.2 WUHAN GLOBAL SENSOR TECHNOLOGY Major Business

9.8.3 WUHAN GLOBAL SENSOR TECHNOLOGY Dual-Color Infrared Detectors Product and Services

9.8.4 WUHAN GLOBAL SENSOR TECHNOLOGY Dual-Color Infrared Detectors Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 WUHAN GLOBAL SENSOR TECHNOLOGY Recent Developments/Updates

9.8.6 WUHAN GLOBAL SENSOR TECHNOLOGY Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Dual-Color Infrared Detectors Industry Chain

10.2 Dual-Color Infrared Detectors Upstream Analysis

10.2.1 Dual-Color Infrared Detectors Core Raw Materials

10.2.2 Main Manufacturers of Dual-Color Infrared Detectors Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

- 10.5 Dual-Color Infrared Detectors Production Mode
- 10.6 Dual-Color Infrared Detectors Procurement Model
- 10.7 Dual-Color Infrared Detectors Industry Sales Model and Sales Channels
 - 10.7.1 Dual-Color Infrared Detectors Sales Model
 - 10.7.2 Dual-Color Infrared Detectors 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 Dual-Color Infrared Detectors Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Dual-Color Infrared Detectors Production Value by Region (2021-2026) & (USD Million)

Table 3. World Dual-Color Infrared Detectors Production Value by Region (2027-2032) & (USD Million)

Table 4. World Dual-Color Infrared Detectors Production Value Market Share by Region (2021-2026)

Table 5. World Dual-Color Infrared Detectors Production Value Market Share by Region (2027-2032)

Table 6. World Dual-Color Infrared Detectors Production by Region (2021-2026) & (K Units)

Table 7. World Dual-Color Infrared Detectors Production by Region (2027-2032) & (K Units)

Table 8. World Dual-Color Infrared Detectors Production Market Share by Region (2021-2026)

Table 9. World Dual-Color Infrared Detectors Production Market Share by Region (2027-2032)

Table 10. World Dual-Color Infrared Detectors Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Dual-Color Infrared Detectors Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Dual-Color Infrared Detectors Major Market Trends

Table 13. World Dual-Color Infrared Detectors Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Dual-Color Infrared Detectors Consumption by Region (2021-2026) & (K Units)

Table 15. World Dual-Color Infrared Detectors Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Dual-Color Infrared Detectors Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Dual-Color Infrared Detectors Producers in 2025

Table 18. World Dual-Color Infrared Detectors Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Dual-Color Infrared Detectors Producers in 2025

Table 20. World Dual-Color Infrared Detectors Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Dual-Color Infrared Detectors Company Evaluation Quadrant

Table 22. World Dual-Color Infrared Detectors Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Dual-Color Infrared Detectors Production Site of Key Manufacturer

Table 24. Dual-Color Infrared Detectors Market: Company Product Type Footprint

Table 25. Dual-Color Infrared Detectors Market: Company Product Application Footprint

Table 26. Dual-Color Infrared Detectors Competitive Factors

Table 27. Dual-Color Infrared Detectors New Entrant and Capacity Expansion Plans

Table 28. Dual-Color Infrared Detectors Mergers & Acquisitions Activity

Table 29. United States VS China Dual-Color Infrared Detectors Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Dual-Color Infrared Detectors Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Dual-Color Infrared Detectors Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Dual-Color Infrared Detectors Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Dual-Color Infrared Detectors Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Dual-Color Infrared Detectors Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Dual-Color Infrared Detectors Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Dual-Color Infrared Detectors Production Market Share (2021-2026)

Table 37. China Based Dual-Color Infrared Detectors Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Dual-Color Infrared Detectors Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Dual-Color Infrared Detectors Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Dual-Color Infrared Detectors Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Dual-Color Infrared Detectors Production Market

Share (2021-2026)

Table 42. Rest of World Based Dual-Color Infrared Detectors Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Dual-Color Infrared Detectors Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Dual-Color Infrared Detectors Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Dual-Color Infrared Detectors Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Dual-Color Infrared Detectors Production Market Share (2021-2026)

Table 47. World Dual-Color Infrared Detectors Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Dual-Color Infrared Detectors Production by Type (2021-2026) & (K Units)

Table 49. World Dual-Color Infrared Detectors Production by Type (2027-2032) & (K Units)

Table 50. World Dual-Color Infrared Detectors Production Value by Type (2021-2026) & (USD Million)

Table 51. World Dual-Color Infrared Detectors Production Value by Type (2027-2032) & (USD Million)

Table 52. World Dual-Color Infrared Detectors Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Dual-Color Infrared Detectors Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Dual-Color Infrared Detectors Production Value by Cooling Method, (USD Million), 2021 & 2025 & 2032

Table 55. World Dual-Color Infrared Detectors Production by Cooling Method (2021-2026) & (K Units)

Table 56. World Dual-Color Infrared Detectors Production by Cooling Method (2027-2032) & (K Units)

Table 57. World Dual-Color Infrared Detectors Production Value by Cooling Method (2021-2026) & (USD Million)

Table 58. World Dual-Color Infrared Detectors Production Value by Cooling Method (2027-2032) & (USD Million)

Table 59. World Dual-Color Infrared Detectors Average Price by Cooling Method (2021-2026) & (US\$/Unit)

Table 60. World Dual-Color Infrared Detectors Average Price by Cooling Method (2027-2032) & (US\$/Unit)

Table 61. World Dual-Color Infrared Detectors Production Value by Pixel Level, (USD Million), 2021 & 2025 & 2032

Table 62. World Dual-Color Infrared Detectors Production by Pixel Level (2021-2026) & (K Units)

Table 63. World Dual-Color Infrared Detectors Production by Pixel Level (2027-2032) & (K Units)

Table 64. World Dual-Color Infrared Detectors Production Value by Pixel Level (2021-2026) & (USD Million)

Table 65. World Dual-Color Infrared Detectors Production Value by Pixel Level (2027-2032) & (USD Million)

Table 66. World Dual-Color Infrared Detectors Average Price by Pixel Level (2021-2026) & (US\$/Unit)

Table 67. World Dual-Color Infrared Detectors Average Price by Pixel Level (2027-2032) & (US\$/Unit)

Table 68. World Dual-Color Infrared Detectors Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Dual-Color Infrared Detectors Production by Application (2021-2026) & (K Units)

Table 70. World Dual-Color Infrared Detectors Production by Application (2027-2032) & (K Units)

Table 71. World Dual-Color Infrared Detectors Production Value by Application (2021-2026) & (USD Million)

Table 72. World Dual-Color Infrared Detectors Production Value by Application (2027-2032) & (USD Million)

Table 73. World Dual-Color Infrared Detectors Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Dual-Color Infrared Detectors Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Leonardo Basic Information, Manufacturing Base and Competitors

Table 76. Leonardo Major Business

Table 77. Leonardo Dual-Color Infrared Detectors Product and Services

Table 78. Leonardo Dual-Color Infrared Detectors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Leonardo Recent Developments/Updates

Table 80. Leonardo Competitive Strengths & Weaknesses

Table 81. Wuhan Guide Infrared Basic Information, Manufacturing Base and Competitors

Table 82. Wuhan Guide Infrared Major Business

Table 83. Wuhan Guide Infrared Dual-Color Infrared Detectors Product and Services

Table 84. Wuhan Guide Infrared Dual-Color Infrared Detectors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Wuhan Guide Infrared Recent Developments/Updates

Table 86. Wuhan Guide Infrared Competitive Strengths & Weaknesses

Table 87. i3system Basic Information, Manufacturing Base and Competitors

Table 88. i3system Major Business

Table 89. i3system Dual-Color Infrared Detectors Product and Services

Table 90. i3system Dual-Color Infrared Detectors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. i3system Recent Developments/Updates

Table 92. i3system Competitive Strengths & Weaknesses

Table 93. AIM Infrarot-Module Basic Information, Manufacturing Base and Competitors

Table 94. AIM Infrarot-Module Major Business

Table 95. AIM Infrarot-Module Dual-Color Infrared Detectors Product and Services

Table 96. AIM Infrarot-Module Dual-Color Infrared Detectors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. AIM Infrarot-Module Recent Developments/Updates

Table 98. AIM Infrarot-Module Competitive Strengths & Weaknesses

Table 99. IRnova Basic Information, Manufacturing Base and Competitors

Table 100. IRnova Major Business

Table 101. IRnova Dual-Color Infrared Detectors Product and Services

Table 102. IRnova Dual-Color Infrared Detectors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. IRnova Recent Developments/Updates

Table 104. IRnova Competitive Strengths & Weaknesses

Table 105. Hamamatsu Photonics Basic Information, Manufacturing Base and Competitors

Table 106. Hamamatsu Photonics Major Business

Table 107. Hamamatsu Photonics Dual-Color Infrared Detectors Product and Services

Table 108. Hamamatsu Photonics Dual-Color Infrared Detectors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Hamamatsu Photonics Recent Developments/Updates

Table 110. Hamamatsu Photonics Competitive Strengths & Weaknesses

Table 111. VIGO Photonics Basic Information, Manufacturing Base and Competitors

Table 112. VIGO Photonics Major Business

Table 113. VIGO Photonics Dual-Color Infrared Detectors Product and Services

Table 114. VIGO Photonics Dual-Color Infrared Detectors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. VIGO Photonics Recent Developments/Updates

Table 116. VIGO Photonics Competitive Strengths & Weaknesses

Table 117. WUHAN GLOBAL SENSOR TECHNOLOGY Basic Information, Manufacturing Base and Competitors

Table 118. WUHAN GLOBAL SENSOR TECHNOLOGY Major Business

Table 119. WUHAN GLOBAL SENSOR TECHNOLOGY Dual-Color Infrared Detectors Product and Services

Table 120. WUHAN GLOBAL SENSOR TECHNOLOGY Dual-Color Infrared Detectors Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. WUHAN GLOBAL SENSOR TECHNOLOGY Recent Developments/Updates

Table 122. WUHAN GLOBAL SENSOR TECHNOLOGY Competitive Strengths & Weaknesses

Table 123. Global Key Players of Dual-Color Infrared Detectors Upstream (Raw Materials)

Table 124. Global Dual-Color Infrared Detectors Typical Customers

Table 125. Dual-Color Infrared Detectors Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Dual-Color Infrared Detectors Picture

Figure 2. World Dual-Color Infrared Detectors Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Dual-Color Infrared Detectors Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Dual-Color Infrared Detectors Production (2021-2032) & (K Units)

Figure 5. World Dual-Color Infrared Detectors Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Dual-Color Infrared Detectors Production Value Market Share by Region (2021-2032)

Figure 7. World Dual-Color Infrared Detectors Production Market Share by Region (2021-2032)

Figure 8. North America Dual-Color Infrared Detectors Production (2021-2032) & (K Units)

Figure 9. Europe Dual-Color Infrared Detectors Production (2021-2032) & (K Units)

Figure 10. China Dual-Color Infrared Detectors Production (2021-2032) & (K Units)

Figure 11. Japan Dual-Color Infrared Detectors Production (2021-2032) & (K Units)

Figure 12. South Korea Dual-Color Infrared Detectors Production (2021-2032) & (K Units)

Figure 13. Dual-Color Infrared Detectors Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Dual-Color Infrared Detectors Consumption (2021-2032) & (K Units)

Figure 16. World Dual-Color Infrared Detectors Consumption Market Share by Region (2021-2032)

Figure 17. United States Dual-Color Infrared Detectors Consumption (2021-2032) & (K Units)

Figure 18. China Dual-Color Infrared Detectors Consumption (2021-2032) & (K Units)

Figure 19. Europe Dual-Color Infrared Detectors Consumption (2021-2032) & (K Units)

Figure 20. Japan Dual-Color Infrared Detectors Consumption (2021-2032) & (K Units)

Figure 21. South Korea Dual-Color Infrared Detectors Consumption (2021-2032) & (K Units)

Figure 22. ASEAN Dual-Color Infrared Detectors Consumption (2021-2032) & (K Units)

Figure 23. India Dual-Color Infrared Detectors Consumption (2021-2032) & (K Units)

Figure 24. Producer Shipments of Dual-Color Infrared Detectors by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Dual-Color Infrared

Detectors Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Dual-Color Infrared Detectors Markets in 2025

Figure 27. United States VS China: Dual-Color Infrared Detectors Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Dual-Color Infrared Detectors Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Dual-Color Infrared Detectors Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers Dual-Color Infrared Detectors Production Market Share 2025

Figure 31. China Based Manufacturers Dual-Color Infrared Detectors Production Market Share 2025

Figure 32. Rest of World Based Manufacturers Dual-Color Infrared Detectors Production Market Share 2025

Figure 33. World Dual-Color Infrared Detectors Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World Dual-Color Infrared Detectors Production Value Market Share by Type in 2025

Figure 35. MWIR + LWIR

Figure 36. MWIR + MWIR

Figure 37. Others

Figure 38. World Dual-Color Infrared Detectors Production Market Share by Type (2021-2032)

Figure 39. World Dual-Color Infrared Detectors Production Value Market Share by Type (2021-2032)

Figure 40. World Dual-Color Infrared Detectors Average Price by Type (2021-2032) & (US\$/Unit)

Figure 41. World Dual-Color Infrared Detectors Production Value by Cooling Method, (USD Million), 2021 & 2025 & 2032

Figure 42. World Dual-Color Infrared Detectors Production Value Market Share by Cooling Method in 2025

Figure 43. Refrigerating Type

Figure 44. Non-Refrigerating Type

Figure 45. World Dual-Color Infrared Detectors Production Market Share by Cooling Method (2021-2032)

Figure 46. World Dual-Color Infrared Detectors Production Value Market Share by Cooling Method (2021-2032)

Figure 47. World Dual-Color Infrared Detectors Average Price by Cooling Method

(2021-2032) & (US\$/Unit)

Figure 48. World Dual-Color Infrared Detectors Production Value by Pixel Level, (USD Million), 2021 & 2025 & 2032

Figure 49. World Dual-Color Infrared Detectors Production Value Market Share by Pixel Level in 2025

Figure 50. Ultra HD: 1280x1024

Figure 51. VGA: 640x512

Figure 52. QVGA: 320x256

Figure 53. Others

Figure 54. World Dual-Color Infrared Detectors Production Market Share by Pixel Level (2021-2032)

Figure 55. World Dual-Color Infrared Detectors Production Value Market Share by Pixel Level (2021-2032)

Figure 56. World Dual-Color Infrared Detectors Average Price by Pixel Level (2021-2032) & (US\$/Unit)

Figure 57. World Dual-Color Infrared Detectors Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 58. World Dual-Color Infrared Detectors Production Value Market Share by Application in 2025

Figure 59. Defense Early Warning

Figure 60. Infrared Search and Tracking

Figure 61. Aerospace

Figure 62. Others

Figure 63. World Dual-Color Infrared Detectors Production Market Share by Application (2021-2032)

Figure 64. World Dual-Color Infrared Detectors Production Value Market Share by Application (2021-2032)

Figure 65. World Dual-Color Infrared Detectors Average Price by Application (2021-2032) & (US\$/Unit)

Figure 66. Dual-Color Infrared Detectors Industry Chain

Figure 67. Dual-Color Infrared Detectors Procurement Model

Figure 68. Dual-Color Infrared Detectors Sales Model

Figure 69. Dual-Color Infrared Detectors Sales Channels, Direct Sales, and Distribution

Figure 70. Methodology

Figure 71. Research Process and Data Source

I would like to order

Product name: Global Dual-Color Infrared Detectors Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G1B8DCC5AC16EN.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/G1B8DCC5AC16EN.html>