

Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Market Growth 2026-2032

<https://marketpublishers.com/r/G652D209284AEN.html>

Date: June 2026

Pages: 95

Price: US\$ 3,660.00 (Single User License)

ID: G652D209284AEN

Abstracts

The global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector market size is predicted to grow from US\$ 68.38 million in 2025 to US\$ 152 million in 2032; it is expected to grow at a CAGR of 12.4% from 2026 to 2032.

Mercury cadmium telluride (also cadmium mercury telluride, MCT, MerCad Telluride, MerCadTel, MerCaT or CMT) is a chemical compound of cadmium telluride (CdTe) and mercury telluride (HgTe) with a tunable bandgap spanning the shortwave infrared to the very long wave infrared regions. The amount of cadmium (Cd) in the alloy can be chosen so as to tune the optical absorption of the material to the desired infrared wavelength. CdTe is a semiconductor with a bandgap of approximately 1.5 electronvolts (eV) at room temperature. HgTe is a semimetal, which means that its bandgap energy is zero. Mixing these two substances allows one to obtain any bandgap between 0 and 1.5 eV. MCT detectors offer the highest sensitivity of all IR detectors in the range of 2 ? 25 microns. These detectors can be offered either TE, liquid nitrogen, or cooled with a Stirling motor.

The demand for advanced military and defense equipment is a major driver of the infrared detector market. Infrared detectors are essential in various defense applications, including surveillance, target acquisition, navigation, and missile guidance. They enable armed forces to operate effectively in diverse environments, especially in low-visibility conditions. The ongoing investments in defense modernization and the development of sophisticated military technologies are boosting the demand for high-performance infrared detectors. Enhanced situational awareness and operational capabilities provided by these detectors are crucial for modern military operations.

LP Information, Inc. (LPI) ' newest research report, the ?Cooled Mercury Cadmium

Telluride (MCT) Infrared Detector Industry Forecast? looks at past sales and reviews total world Cooled Mercury Cadmium Telluride (MCT) Infrared Detector sales in 2025, providing a comprehensive analysis by region and market sector of projected Cooled Mercury Cadmium Telluride (MCT) Infrared Detector sales for 2026 through 2032. With Cooled Mercury Cadmium Telluride (MCT) Infrared Detector sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Cooled Mercury Cadmium Telluride (MCT) Infrared Detector industry.

This Insight Report provides a comprehensive analysis of the global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Cooled Mercury Cadmium Telluride (MCT) Infrared Detector portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Cooled Mercury Cadmium Telluride (MCT) Infrared Detector and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector.

This report presents a comprehensive overview, market shares, and growth opportunities of Cooled Mercury Cadmium Telluride (MCT) Infrared Detector market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Short-wave Infrared

Medium-wave Infrared

Long-wave Infrared

Segmentation by Application:

Military Field

Civilian Field

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

VIGO System

InfraRed Associates, Inc

Teledyne Judson Technologies (TJT)

Global Sensor Technology

Thorlabs, Inc

Chagnzhou Institute of Optoelectronic Technology

Ningbo Healthy Photon Technology

Wuhan Guide Infrared

Key Questions Addressed in this Report

What is the 10-year outlook for the global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector market?

What factors are driving Cooled Mercury Cadmium Telluride (MCT) Infrared Detector market growth, globally and by region?

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

How do Cooled Mercury Cadmium Telluride (MCT) Infrared Detector market opportunities vary by end market size?

How does Cooled Mercury Cadmium Telluride (MCT) Infrared Detector break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

2.1.1 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Sales 2021-2032

2.1.2 World Current & Future Analysis for Cooled Mercury Cadmium Telluride (MCT) Infrared Detector by Geographic Region, 2021, 2025 & 2032

2.1.3 World Current & Future Analysis for Cooled Mercury Cadmium Telluride (MCT) Infrared Detector by Country/Region, 2021, 2025 & 2032

2.2 Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Segment by Type

2.2.1 Short-wave Infrared

2.2.2 Medium-wave Infrared

2.2.3 Long-wave Infrared

2.2.4 Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Type

2.2.4.1 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Type (2021-2026)

2.2.4.2 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue and Market Share by Type (2021-2026)

2.2.4.3 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sale Price by Type (2021-2026)

2.3 Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Segment by Application

2.3.1 Military Field

2.3.2 Civilian Field

2.3.3 Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Application

2.3.3.1 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sale

Market Share by Application (2021-2026)

2.3.3.2 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue and Market Share by Application (2021-2026)

2.3.3.3 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Breakdown Data by Company

3.1.1 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Sales by Company (2021-2026)

3.1.2 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Company (2021-2026)

3.2 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Revenue by Company (2021-2026)

3.2.1 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Company (2021-2026)

3.2.2 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Company (2021-2026)

3.3 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sale Price by Company

3.4 Key Manufacturers Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Location Distribution

3.4.2 Players Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR COOLED MERCURY CADMIUM TELLURIDE (MCT) INFRARED DETECTOR BY GEOGRAPHIC REGION

4.1 World Historic Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Market Size by Geographic Region (2021-2026)

4.1.1 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Market Size by Country/Region (2021-2026)

4.2.1 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Sales by Country/Region (2021-2026)

4.2.2 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Revenue by Country/Region (2021-2026)

4.3 Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Growth

4.4 APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Growth

4.5 Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Growth

4.6 Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Growth

5 AMERICAS

5.1 Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Country

5.1.1 Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Country (2021-2026)

5.1.2 Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Country (2021-2026)

5.2 Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Type (2021-2026)

5.3 Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Region

6.1.1 APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Region (2021-2026)

6.1.2 APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Region (2021-2026)

6.2 APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Type (2021-2026)

6.3 APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector by Country

7.1.1 Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Country (2021-2026)

7.1.2 Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Country (2021-2026)

7.2 Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Type (2021-2026)

7.3 Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector by Country

8.1.1 Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Country (2021-2026)

8.1.2 Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Country (2021-2026)

8.2 Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Type (2021-2026)

8.3 Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Cooled Mercury Cadmium Telluride (MCT) Infrared Detector

10.3 Manufacturing Process Analysis of Cooled Mercury Cadmium Telluride (MCT) Infrared Detector

10.4 Industry Chain Structure of Cooled Mercury Cadmium Telluride (MCT) Infrared Detector

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Distributors

11.3 Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Customer

12 WORLD FORECAST REVIEW FOR COOLED MERCURY CADMIUM TELLURIDE (MCT) INFRARED DETECTOR BY GEOGRAPHIC REGION

12.1 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Market Size Forecast by Region

12.1.1 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Forecast by Region (2027-2032)

12.1.2 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Forecast by Type (2027-2032)

12.7 Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 VIGO System

13.1.1 VIGO System Company Information

13.1.2 VIGO System Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

13.1.3 VIGO System Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 VIGO System Main Business Overview

13.1.5 VIGO System Latest Developments

13.2 InfraRed Associates, Inc

13.2.1 InfraRed Associates, Inc Company Information

13.2.2 InfraRed Associates, Inc Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

13.2.3 InfraRed Associates, Inc Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 InfraRed Associates, Inc Main Business Overview

13.2.5 InfraRed Associates, Inc Latest Developments

13.3 Teledyne Judson Technologies (TJT)

13.3.1 Teledyne Judson Technologies (TJT) Company Information

13.3.2 Teledyne Judson Technologies (TJT) Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

13.3.3 Teledyne Judson Technologies (TJT) Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Teledyne Judson Technologies (TJT) Main Business Overview

13.3.5 Teledyne Judson Technologies (TJT) Latest Developments

13.4 Global Sensor Technology

13.4.1 Global Sensor Technology Company Information

13.4.2 Global Sensor Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

13.4.3 Global Sensor Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Global Sensor Technology Main Business Overview

13.4.5 Global Sensor Technology Latest Developments

13.5 Thorlabs, Inc

13.5.1 Thorlabs, Inc Company Information

13.5.2 Thorlabs, Inc Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

13.5.3 Thorlabs, Inc Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Thorlabs, Inc Main Business Overview

13.5.5 Thorlabs, Inc Latest Developments

13.6 Chagnzhou Institute of Optoelectronic Technology

13.6.1 Chagnzhou Institute of Optoelectronic Technology Company Information

13.6.2 Chagnzhou Institute of Optoelectronic Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

13.6.3 Chagnzhou Institute of Optoelectronic Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Chagnzhou Institute of Optoelectronic Technology Main Business Overview

13.6.5 Chagnzhou Institute of Optoelectronic Technology Latest Developments

13.7 Ningbo Healthy Photon Technology

13.7.1 Ningbo Healthy Photon Technology Company Information

13.7.2 Ningbo Healthy Photon Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

13.7.3 Ningbo Healthy Photon Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Ningbo Healthy Photon Technology Main Business Overview

13.7.5 Ningbo Healthy Photon Technology Latest Developments

13.8 Wuhan Guide Infrared

13.8.1 Wuhan Guide Infrared Company Information

13.8.2 Wuhan Guide Infrared Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

13.8.3 Wuhan Guide Infrared Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Wuhan Guide Infrared Main Business Overview

13.8.5 Wuhan Guide Infrared Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Short-wave Infrared

Table 4. Major Players of Medium-wave Infrared

Table 5. Major Players of Long-wave Infrared

Table 6. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Type (2021-2026) & (K Units)

Table 7. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Type (2021-2026)

Table 8. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Type (2021-2026)

Table 10. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sale Price by Type (2021-2026) & (US\$/Unit)

Table 11. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sale by Application (2021-2026) & (K Units)

Table 12. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sale Market Share by Application (2021-2026)

Table 13. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Application (2021-2026) & (\$ million)

Table 14. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Application (2021-2026)

Table 15. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sale Price by Application (2021-2026) & (US\$/Unit)

Table 16. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Company (2021-2026) & (K Units)

Table 17. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Company (2021-2026)

Table 18. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Company (2021-2026) & (\$ millions)

Table 19. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Company (2021-2026)

Table 20. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sale Price by Company (2021-2026) & (US\$/Unit)

Table 21. Key Manufacturers Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Producing Area Distribution and Sales Area

Table 22. Players Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Products Offered

Table 23. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Geographic Region (2021-2026) & (K Units)

Table 27. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share Geographic Region (2021-2026)

Table 28. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 29. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Geographic Region (2021-2026)

Table 30. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Country/Region (2021-2026) & (K Units)

Table 31. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Country/Region (2021-2026)

Table 32. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Country/Region (2021-2026) & (\$ millions)

Table 33. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Country/Region (2021-2026)

Table 34. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Country (2021-2026) & (K Units)

Table 35. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Country (2021-2026)

Table 36. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Country (2021-2026) & (\$ millions)

Table 37. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Type (2021-2026) & (K Units)

Table 38. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Application (2021-2026) & (K Units)

Table 39. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Region (2021-2026) & (K Units)

Table 40. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales

Market Share by Region (2021-2026)

Table 41. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Region (2021-2026) & (\$ millions)

Table 42. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Type (2021-2026) & (K Units)

Table 43. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Application (2021-2026) & (K Units)

Table 44. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Country (2021-2026) & (K Units)

Table 45. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Country (2021-2026) & (\$ millions)

Table 46. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Type (2021-2026) & (K Units)

Table 47. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Application (2021-2026) & (K Units)

Table 48. Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Country (2021-2026) & (K Units)

Table 49. Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Country (2021-2026)

Table 50. Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Type (2021-2026) & (K Units)

Table 51. Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Application (2021-2026) & (K Units)

Table 52. Key Market Drivers & Growth Opportunities of Cooled Mercury Cadmium Telluride (MCT) Infrared Detector

Table 53. Key Market Challenges & Risks of Cooled Mercury Cadmium Telluride (MCT) Infrared Detector

Table 54. Key Industry Trends of Cooled Mercury Cadmium Telluride (MCT) Infrared Detector

Table 55. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Distributors List

Table 58. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Customer List

Table 59. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Forecast by Region (2027-2032) & (K Units)

Table 60. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 61. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Forecast by Country (2027-2032) & (K Units)

Table 62. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 63. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Forecast by Region (2027-2032) & (K Units)

Table 64. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 65. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Forecast by Country (2027-2032) & (K Units)

Table 66. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 67. Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Forecast by Country (2027-2032) & (K Units)

Table 68. Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 69. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Forecast by Type (2027-2032) & (K Units)

Table 70. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 71. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Forecast by Application (2027-2032) & (K Units)

Table 72. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 73. VIGO System Basic Information, Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Manufacturing Base, Sales Area and Its Competitors

Table 74. VIGO System Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

Table 75. VIGO System Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 76. VIGO System Main Business

Table 77. VIGO System Latest Developments

Table 78. InfraRed Associates, Inc Basic Information, Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Manufacturing Base, Sales Area and Its Competitors

Table 79. InfraRed Associates, Inc Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

Table 80. InfraRed Associates, Inc Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 81. InfraRed Associates, Inc Main Business

Table 82. InfraRed Associates, Inc Latest Developments

Table 83. Teledyne Judson Technologies (TJT) Basic Information, Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Manufacturing Base, Sales Area and Its Competitors

Table 84. Teledyne Judson Technologies (TJT) Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

Table 85. Teledyne Judson Technologies (TJT) Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 86. Teledyne Judson Technologies (TJT) Main Business

Table 87. Teledyne Judson Technologies (TJT) Latest Developments

Table 88. Global Sensor Technology Basic Information, Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Manufacturing Base, Sales Area and Its Competitors

Table 89. Global Sensor Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

Table 90. Global Sensor Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. Global Sensor Technology Main Business

Table 92. Global Sensor Technology Latest Developments

Table 93. Thorlabs, Inc Basic Information, Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Manufacturing Base, Sales Area and Its Competitors

Table 94. Thorlabs, Inc Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

Table 95. Thorlabs, Inc Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. Thorlabs, Inc Main Business

Table 97. Thorlabs, Inc Latest Developments

Table 98. Chagnzhou Institute of Optoelectronic Technology Basic Information, Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Manufacturing Base, Sales Area and Its Competitors

Table 99. Chagnzhou Institute of Optoelectronic Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

Table 100. Chagnzhou Institute of Optoelectronic Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 101. Chagnzhou Institute of Optoelectronic Technology Main Business

Table 102. Chagnzhou Institute of Optoelectronic Technology Latest Developments

Table 103. Ningbo Healthy Photon Technology Basic Information, Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Manufacturing Base, Sales Area and Its

Competitors

Table 104. Ningbo Healthy Photon Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

Table 105. Ningbo Healthy Photon Technology Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 106. Ningbo Healthy Photon Technology Main Business

Table 107. Ningbo Healthy Photon Technology Latest Developments

Table 108. Wuhan Guide Infrared Basic Information, Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Manufacturing Base, Sales Area and Its Competitors

Table 109. Wuhan Guide Infrared Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Product Portfolios and Specifications

Table 110. Wuhan Guide Infrared Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 111. Wuhan Guide Infrared Main Business

Table 112. Wuhan Guide Infrared Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Cooled Mercury Cadmium Telluride (MCT) Infrared Detector
- Figure 2. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Country/Region (2025)
- Figure 10. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Short-wave Infrared
- Figure 12. Product Picture of Medium-wave Infrared
- Figure 13. Product Picture of Long-wave Infrared
- Figure 14. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Type in 2026
- Figure 15. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Type (2021-2026)
- Figure 16. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Consumed in Military Field
- Figure 17. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Market: Military Field (2021-2026) & (K Units)
- Figure 18. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Consumed in Civilian Field
- Figure 19. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Market: Civilian Field (2021-2026) & (K Units)
- Figure 20. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sale Market Share by Application (2025)
- Figure 21. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Application in 2026

Figure 22. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales by Company in 2026 (K Units)

Figure 23. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Company in 2026

Figure 24. Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue by Company in 2026 (\$ millions)

Figure 25. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Company in 2026

Figure 26. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Geographic Region (2021-2026)

Figure 27. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Geographic Region in 2026

Figure 28. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales 2021-2026 (K Units)

Figure 29. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue 2021-2026 (\$ millions)

Figure 30. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales 2021-2026 (K Units)

Figure 31. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue 2021-2026 (\$ millions)

Figure 32. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales 2021-2026 (K Units)

Figure 33. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue 2021-2026 (\$ millions)

Figure 34. Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales 2021-2026 (K Units)

Figure 35. Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue 2021-2026 (\$ millions)

Figure 36. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Country in 2026

Figure 37. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Country (2021-2026)

Figure 38. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Type (2021-2026)

Figure 39. Americas Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Application (2021-2026)

Figure 40. United States Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 41. Canada Cooled Mercury Cadmium Telluride (MCT) Infrared Detector

Revenue Growth 2021-2026 (\$ millions)

Figure 42. Mexico Cooled Mercury Cadmium Telluride (MCT) Infrared Detector

Revenue Growth 2021-2026 (\$ millions)

Figure 43. Brazil Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 44. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Region in 2026

Figure 45. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Region (2021-2026)

Figure 46. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Type (2021-2026)

Figure 47. APAC Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Application (2021-2026)

Figure 48. China Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 49. Japan Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 50. South Korea Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 51. Southeast Asia Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 52. India Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 53. Australia Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 54. China Taiwan Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 55. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Country in 2026

Figure 56. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share by Country (2021-2026)

Figure 57. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Type (2021-2026)

Figure 58. Europe Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Application (2021-2026)

Figure 59. Germany Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 60. France Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 61. UK Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 62. Italy Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 63. Russia Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 64. Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Country (2021-2026)

Figure 65. Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Type (2021-2026)

Figure 66. Middle East & Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share by Application (2021-2026)

Figure 67. Egypt Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 68. South Africa Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 69. Israel Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 70. Turkey Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 71. GCC Countries Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Growth 2021-2026 (\$ millions)

Figure 72. Manufacturing Cost Structure Analysis of Cooled Mercury Cadmium Telluride (MCT) Infrared Detector in 2026

Figure 73. Manufacturing Process Analysis of Cooled Mercury Cadmium Telluride (MCT) Infrared Detector

Figure 74. Industry Chain Structure of Cooled Mercury Cadmium Telluride (MCT) Infrared Detector

Figure 75. Channels of Distribution

Figure 76. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Forecast by Region (2027-2032)

Figure 77. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share Forecast by Region (2027-2032)

Figure 78. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share Forecast by Type (2027-2032)

Figure 79. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share Forecast by Type (2027-2032)

Figure 80. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Sales Market Share Forecast by Application (2027-2032)

Figure 81. Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Cooled Mercury Cadmium Telluride (MCT) Infrared Detector Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G652D209284AEN.html>

Price: US\$ 3,660.00 (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/G652D209284AEN.html>