

# Global Cooled Thermal Infrared Detector Market Growth 2025-2031

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## Abstracts

The global Cooled Thermal Infrared Detector market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

A cooled thermal infrared detector is a type of infrared detector that uses a cryogenic cooling unit to lower the temperature of the sensor to reduce the thermal noise and improve the sensitivity and image quality. Cooled thermal infrared detectors can capture infrared radiation in the long-wave, medium-wave, and short-wave infrared spectrum. They are often used for high-performance applications that require high resolution, high speed, high sensitivity, or narrow spectral range.

The industry trend of cooled thermal infrared detector is expected to show a steady growth in the coming years, driven by the increasing demand for thermal imaging in various sectors such as military, security, industrial, medical, automotive, and consumer.

LP Information, Inc. (LPI) ' newest research report, the "Cooled Thermal Infrared Detector Industry Forecast" looks at past sales and reviews total world Cooled Thermal Infrared Detector sales in 2024, providing a comprehensive analysis by region and market sector of projected Cooled Thermal Infrared Detector sales for 2025 through 2031. With Cooled Thermal 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 Thermal Infrared Detector industry.

This Insight Report provides a comprehensive analysis of the global Cooled Thermal 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 Thermal 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 Thermal Infrared Detector market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Cooled Thermal 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 Thermal Infrared Detector.

This report presents a comprehensive overview, market shares, and growth opportunities of Cooled Thermal Infrared Detector market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

Vanadium Oxide (VOx)

Amorphous Silicon (A-Si)

### **Segmentation by Application:**

Military and Defense

Commercial Use

### **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.

FLIR-SYSTEMS

ULIS

DRS

BAE

L-3

Leonardo DRS

AIM Infrarot-Module

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Cooled Thermal Infrared Detector market?

What factors are driving Cooled Thermal Infrared Detector market growth, globally and by region?

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

How do Cooled Thermal Infrared Detector market opportunities vary by end market size?

How does Cooled Thermal Infrared Detector break out by Type, by Application?

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