

Global Cooled Infrared AD Modules Market Growth 2026-2032

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Abstracts

The global Cooled Infrared AD Modules market size is predicted to grow from US\$ 11.97 million in 2025 to US\$ 15.83 million in 2032; it is expected to grow at a CAGR of 4.1% from 2026 to 2032.

The cooled infrared AD module provides the power supply and control timing necessary for the normal operation of the cryogenic infrared detector. It converts the analog output signal of the cooled infrared detector into a digital signal for output, thereby achieving detector driving and analog signal digitization. Equipped with an infrared detector and refrigerator, it enables rapid integration of cryogenic infrared components, significantly shortening the development cycle of cryogenic infrared devices and systems.

United States market for Cooled Infrared AD Modules is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Cooled Infrared AD Modules is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Cooled Infrared AD Modules is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Cooled Infrared AD Modules players cover GSTiR, GUIDE INFRARED, VIGO Photonics, Hamamatsu Photonics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the 'Cooled Infrared AD Modules Industry Forecast' looks at past sales and reviews total world Cooled Infrared AD

Modules sales in 2025, providing a comprehensive analysis by region and market sector of projected Cooled Infrared AD Modules sales for 2026 through 2032. With Cooled Infrared AD Modules sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Cooled Infrared AD Modules industry.

This Insight Report provides a comprehensive analysis of the global Cooled Infrared AD Modules 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 Infrared AD Modules portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Cooled Infrared AD Modules market.

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

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

Segmentation by Type:

Spectral Range: Medium Wave

Spectral Range: Long Wave

Segmentation by Application:

Security Monitoring

Search and Reconnaissance

Other

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.

GSTiR

GUIDE INFRARED

VIGO Photonics

Hamamatsu Photonics

Key Questions Addressed in this Report

What is the 10-year outlook for the global Cooled Infrared AD Modules market?

What factors are driving Cooled Infrared AD Modules market growth, globally and by region?

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

How do Cooled Infrared AD Modules market opportunities vary by end market size?

How does Cooled Infrared AD Modules break out by Type, by Application?

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