

Global IoT Infrared Imaging Sensors Market Growth 2023-2029

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Abstracts

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An IoT infrared (IR) imaging sensor operates in the IR region of the electromagnetic spectrum. A lens coupled to a detector, which converts the IR energy to an electrical signal, focusses on the scene. Thermal Infrared Imaging requires the use of special cameras. The imaging sensors in these cameras are sensitive to wavelengths in the infrared region of the electro-magnetic spectrum. Thermal Infrared Imaging is also referred to as “non-visible” imaging, since the infrared spectrum is not visible to the human eye.

LPI (LP Information)' newest research report, the “IoT Infrared Imaging Sensors Industry Forecast” looks at past sales and reviews total world IoT Infrared Imaging Sensors sales in 2022, providing a comprehensive analysis by region and market sector of projected IoT Infrared Imaging Sensors sales for 2023 through 2029. With IoT Infrared Imaging Sensors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world IoT Infrared Imaging Sensors industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for IoT Infrared Imaging Sensors 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 IoT Infrared Imaging Sensors.

The global IoT Infrared Imaging Sensors market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for IoT Infrared Imaging Sensors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for IoT Infrared Imaging Sensors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for IoT Infrared Imaging Sensors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key IoT Infrared Imaging Sensors players cover IFM Efector, ABB, Micro-Epsilon, Optris Infrared Sensing, UTC Aerospace Systems, Flir Systems, Omron, Cognex and L3 Technologies, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of IoT Infrared Imaging Sensors market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Short Wave Infrared Imaging

Medium Wave Infrared Imaging

Long Wave Infrared Imaging

Segmentation by application

Medical

Industry

Aerospace

Others

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 analyzing the company's coverage, product portfolio, its market penetration.

IFM Efector

ABB

Micro-Epsilon

Optris Infrared Sensing

UTC Aerospace Systems

Flir Systems

Omron

Cognex

L3 Technologies

Hamamatsu Photonics

Leica Microsystems

Exergen

Tecomet

Baumer

LumaSense Technologies

Watlow

Automation Technology

AMETEK

Dali Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global IoT Infrared Imaging Sensors market?

What factors are driving IoT Infrared Imaging Sensors market growth, globally and by region?

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

How do IoT Infrared Imaging Sensors market opportunities vary by end market size?

How does IoT Infrared Imaging Sensors break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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