

Thermal Imaging Camera Market Expected to Reach \$7.49 Billion by 2030

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PORTLAND, OREGON, UNITED STATES, October 7, 2022 /EINPresswire.com/ -- Thermal Imaging Camera Market by Product Type (Camera, Modules, and Scope & Goggles), Type (Cooled, Uncooled), Application (Security & Surveillance, Monitoring & Inspection, and Detection & Measurement), Industry Vertical (Industrial, Marine, Aerospace & Defense, Commercial, Automotive, and Others), and Sales Channel (Direct and Indirect): Global Opportunity Analysis and Industry Forecast, 2021-2030. According to a new report published by Allied Market Research, titled, "Thermal Imaging Camera Market Type, Application, Industry Vertical, and Sales Channel: Global Opportunity Analysis and Industry Forecast, 2021-2030," The global thermal imaging camera industry size was valued at \$3.16 billion in 2020, and is projected to reach \$7.49 billion by 2030, registering a CAGR of 10.0% from 2021 to 2030.

Top Impacting Factors

Significant factors that impact growth of the global thermal imaging camera industry include cost-effective preventive maintenance enabled by thermal cameras, increase in use of these cameras for security & surveillance, substantial rate of adoption of thermal cameras in manufacturing sector to ensure quality, and increase in investments for deployment of thermal imaging cameras by government of different countries. However, high capital and maintenance cost acts as a major barrier for early adoption, which hampers the growth of the market. On the contrary, thermal imaging cameras are gaining high traction in the commercial sector, which is expected to offer lucrative opportunities for the expansion of the global market during the forecast period.

The report provides a detailed study of the dynamic driving and restraining factors, major challenges, and lucrative opportunities. The report offers a SWOT analysis that helps to understand the driving and restraining factors in the industry. The report highlights market segmentation and includes the study of major market players. Furthermore, the report covers a detailed study of the impact of the Covid-19 outbreak on the global Thermal Imaging Camera market. The global Thermal Imaging Camera market report offers an overview of the market and highlights the market definition and scope.

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The Thermal Imaging Camera Market report offers a detailed analysis of the market on the basis of several parameters including sales, sales analysis, market size, and major driving factors. In addition, the report offers SWOT analysis, Porter's five forces analysis, portfolio and financial analysis, and a business overview of services and products. Such statistical tools provide essential information regarding leading market players and help take advantage of lucrative opportunities in the industry. The report aids industry players and new industry entrants to devise sound business strategies and leveraging the opportunities.

The report provides a comprehensive study of the major market trends and driving factors that fuel the growth of the global Thermal Imaging Camera market. The analysis of drivers and opportunities is essential in understanding the dynamic industry trends and how companies can leverage such trends. Furthermore, the analysis of challenges and restraints offered in the report helps in recognizing market dynamics. The global Thermal Imaging Camera report provides quantitative as well as qualitative analyses of the market. The qualitative study provides the value chain analysis, pain point analysis, and key regulations.

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The report covers a detailed analysis of the impact of the Covid-19 pandemic on the market. The prolonged lockdown across the world and stringent restrictions on international trade have a significant impact on the global Thermal Imaging Camera market. The Covid-19 pandemic resulted in a disrupted supply chain and value. Moreover, the pandemic increased the prices of raw materials and created a shortage of skilled workforce. The report provides consumer preferences, trends, and budget impact on the market owing to the Covid-19 pandemic.

Thermal Imaging Camera Market Report Highlights

By Product Type

- Camera
- Modules
- Scope & Goggles

By Type

- Cooled
 - o Handheld
 - Mid-wave Infrared (MWIR)
 - Long-wave Infrared (LWIR)
 - o Fixed
 - Mid-wave Infrared (MWIR)
 - Long-wave Infrared (LWIR)
- Uncooled
 - o Handheld
 - Mid-wave Infrared (MWIR)

- Long-wave Infrared (LWIR)
- o Fixed
- Mid-wave Infrared (MWIR)
- Long-wave Infrared (LWIR)

By Application

- Security & Surveillance
- Monitoring & Inspection
- Detection & Measurement

By Industry Vertical

- Industrial
- Marine
- Aerospace & Defense
- Commercial
- Automotive
- Others

By Sales Channel

- Direct
- Indirect

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The global Thermal Imaging Camera market offers detailed segmented into type, application, and industry vertical, sales channel, and region. The Thermal Imaging Camera market is segmented on the basis of geography. The regions studied in the report are North America (United States, Canada, and Mexico), Europe (Germany, France, UK, Russia, and Italy), Asia-Pacific (China, Japan, Korea, India, and Southeast Asia), South America (Brazil, Argentina, Colombia), Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, and South Africa). This market study helps to devise business strategies and recognize lucrative opportunities.

The report includes a comprehensive study of market trends, major market players, and top investment pockets that help understand strategies and make informed decisions. The study involves a detailed analysis of the top impacting factors and major investment pockets that affect the overall market growth. The Global Thermal Imaging Camera market report offers the segmentation and study of prime market players. The major companies are Baumer, Cognex Corporation, FLIR Systems, Inc., Basler, Keyence, Omron, Teledyne Group, TKH Group, and Sony Corporation. These players have adopted various strategies such as product launch, acquisition, collaboration, and partnership to expand their foothold in the industry.

These companies have adopted various business strategies such as partnerships, new product launches, collaboration, and mergers & acquisitions. These market developments help new industry entrants understand profitable strategies and make informed decisions. This study offers a comprehensive study of major impacting factors and prime investment pockets in the market.

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