

Global Uncooled Thermal Imaging Market Size study, by Spectrum Ranges (Short Wave IR, Mid Wave IR, Long Wave IR) by Application (Building Diagnostics, ,Energy Audits, , Structural Check, , Moisture Detection, , Non-Destructive Testing, , Meteorology, Night, Vision Cameras, Military, Automotive Night Vision System, Mapping and Surveying) and Regional Forecasts 2021-2027

<https://marketpublishers.com/r/G85DC7A5F70AEN.html>

Date: January 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G85DC7A5F70AEN

Abstracts

Global Uncooled Thermal Imaging Market is valued approximately USD XX billion in 2020 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2021-2027. In thermal imaging the infrared (IR) radiation converted into visible images that shows the spatial distribution of temperature differences in a scene viewed by a thermal camera. as compared to cooled thermal imaging devices, uncooled thermal imaging devices are smaller and are more economical. Due to this uncooled thermal imaging is widely used in military operations and other fields like Transport planning, Mineral exploration. Surging defense expenditure and growing automated vehicle market are key drivers for the growth of Uncooled Thermal Imaging market. According to STOCKHOLM INTERNATIONAL PEACE RESEARCH INSTITUTE(SIPRI) - Total global military expenditure increased to USD 1981 billion in the year 2020 it is an increase of 2.6 per cent from USD 1931 billion in year 2019. The five biggest countries with highest expenditure in 2020, which together accounted for 62 per cent of global military expenditure, were the United States, China, India, Russia and the United Kingdom. Also, with the increasing demand from end use industries, and low cost of uncooled imaging the adoption & demand for Uncooled Thermal Imaging is likely to increase the market growth during the forecast period. However, availability of other

advanced technology with clearer image quality impedes the growth of the market over the forecast period of 2021-2027.

The key regions considered for the global Uncooled Thermal Imaging market study includes Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share owing to presence of leading manufacturers, the low cost of thermal imaging components, and the increasing government expenditure. Whereas, North America is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2021-2027. Factors such as increasing automated car market in the region would create lucrative growth prospects for the Uncooled Thermal Imaging market across Asia-Pacific region.

Major market player included in this report are:

Bosch Security System
BAE System
E.D Bullard Company
Dali Technologies
FLIR Systems
FLIR systems, Inc.,
Axis communications AB,
Infrared Integrated Systems Ltd,
Safran Group,
Danaher Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Spectrum Ranges:

Short Wave IR
Mid Wave IR
Long Wave IR

By Application:

Building Diagnostics,

Energy Audits,
Structural Check,
Moisture Detection,
Non-Destructive Testing,
Meteorology,
Night Vision Cameras,
Military,
Automotive Night Vision System,
Mapping and Surveying,

By End Use Industries:

Industrial
Commercial
Medical
Security & Surveillance
Automotive
Test & Measurement
Defense
Maritime
R & D
Others

By Region:

North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027

Target Audience of the Global Uncooled Thermal Imaging Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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Moisture Detection,

Non-Destructive Testing,

Meteorology,

Night, Vision Cameras,

Military,

Automotive Night Vision System,

Mapping and Surveying

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