

# **Global Thermal Scanners Market Size study, by Type (Handheld, Fixed), by Wavelength (Short-Wave Infrared (SWIR), Mid-Wave Infrared (MWIR), Long-Wave Infrared (LWIR)), by End use (Industrial, Healthcare, Aerospace & Defense, Automotive, Oil & Gas, Commercial, Others)and Regional Forecasts 2021-2027**

<https://marketpublishers.com/r/G7C0474FF259EN.html>

Date: September 2021

Pages: 200

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

ID: G7C0474FF259EN

## **Abstracts**

Global Thermal Scanners Market is valued at approximately USD 4.1 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 8.6 % over the forecast period 2021-2027. A thermal scanner is a non-invasive infrared imaging device that creates an image of the heat emitted by a body to detect and record temperature. It detects infrared energy and converts it to electrical signals, resulting in thermal pictures and temperature readings. It is generally used for mechanical equipment monitoring and inspections, as well as for determining human body temperature. With virus-specific assays, thermal cameras can give a more efficient, discrete, and effective means to identify persons. Thermal screening technology is used by facilities such as transportation agencies, factories, enterprises, and government offices as part of Employee Health and Screening (EH&S) and as an Elevated Body Temperature (EBT) detection tool. As numerous industries prepare to reopen during the shutdown, preventive precautions such as utilizing thermal cameras to screen staff are being adopted. The usage of these devices in residential and commercial complexes has been mandated by governments in some regions. As a result of this rising demand, market growth is predicted to accelerate over the estimated years. Amazon.com, Inc., an e-commerce behemoth, uses thermal scanning sensors to screen personnel at its facilities. Because the corporation delivers crucial commodities all over the world, thermal scanners have been installed in at least six warehouses outside of Los Angeles

and Seattle. Whole Foods Market Inc., a worldwide grocery chain based in the United States, has also begun to employ similar devices in its locations. The usage of thermal scanners for screening has been confirmed by General Motors Company and Wynn Resorts Ltd. Other companies exploring the usage of thermal camera solutions that could be used after the pandemic include Tyson Foods Inc. and Intel Corp. Companies are launching new products in order to expand their product portfolios, expand their manufacturing capabilities, and give competitive distinctiveness. Seek Thermal Inc. recently announced the availability of thermal cameras for test and measurement and security surveillance applications in December 2019. Previously, the company worked with the Los Angeles Fire Department to deliver RevealFirePRO to each of the firemen, giving them clear view into the burning structure and assisting in the safe evacuation. FLIR Systems, Inc. released the FLIR T860 thermal camera with integrated inspection route software in September 2019. However, export restrictions imposed on thermal imaging products may impede market growth over the forecast period of 2021-2027.

The regional analysis of the Global Thermal Scanners Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World (ROW). North America is the leading region across the world in terms of market share due to the presence of numerous historical monuments, commercial as well as residential buildings in the region. Whereas Asia Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027, due to various vendors offering low-cost solutions across the region.

Major market player included in this report are:

FLIR Systems, Inc.  
Fluke Corporation  
Leonardo S.p.A.  
L3HARRIS TECHNOLOGIES, INC.  
Opgal  
Axis Communications AB  
Optotherm, Inc.  
Seek Thermal  
Thermoteknix Systems Ltd.  
3M Company

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 Type:

Handheld

Fixed

By Wavelength:

Short-Wave Infrared (SWIR)

Mid-Wave Infrared (MWIR)

Long-Wave Infrared (LWIR)

By End use:

Industrial

Healthcare

Aerospace & Defense

Automotive

Oil & Gas

Commercial

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 Thermal Scanners 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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