

# Global Thermal Inspection Robot Market Growth 2022-2028

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## Abstracts

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The robot is able to automatically move along a pre-programmed route, stop near electrical and other equipment subject to thermography, and aim a PTZ camera on it. Next, the manual remote control mode of the PTZ camera is turned on. The remote operator has the ability to conduct a remote inspection of equipment by examining two video images, visible and infrared spectrum. Upon completion of the inspection carried out under the control of the operator, the robot will continue its automatic movement to the next piece of equipment.

The global market for Thermal Inspection Robot is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Thermal Inspection Robot market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Thermal Inspection Robot market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Thermal Inspection Robot market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Thermal Inspection Robot market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Thermal Inspection Robot players cover SMP Robotics, Boston Dynamics, FLIR, Guozi Robotics and Langchixinchuang, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

## Report Coverage

This latest report provides a deep insight into the global Thermal Inspection Robot market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Thermal Inspection Robot market, with both quantitative and qualitative data, to help readers understand how the Thermal Inspection Robot market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

## Market Segmentation:

The study segments the Thermal Inspection Robot market and forecasts the market size by Type (Wheeled Robot and Rail-mounted Robot,), by Application (Electrical Substation Inspection, Solar Power Plant Inspection, Infrared Device and Power Generation and Heating Plants), and region (APAC, Americas, Europe, and Middle East & Africa).

### Segmentation by type

Wheeled Robot

Rail-mounted Robot

### Segmentation by application

Electrical Substation Inspection

Solar Power Plant Inspection

Infrared Device

Power Generation and Heating Plants

Others

### Segmentation 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

Major companies covered

SMP Robotics

Boston Dynamics

FLIR

Guozi Robotics

Langchixinchuang

Shenhao Tech

Yijiahe Technology

Dali Technology

CSG Smart Science & Technology

Gxhuaxintech

Zhongnengzhikuang

## Chapter Introduction

Chapter 1: Scope of Thermal Inspection Robot, Research Methodology, etc.

Chapter 2: Executive Summary, global Thermal Inspection Robot market size (sales and revenue) and CAGR, Thermal Inspection Robot market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Thermal Inspection Robot sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Thermal Inspection Robot sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Thermal Inspection Robot market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including SMP

Robotics, Boston Dynamics, FLIR, Guozi Robotics, Langchixinchuang, Shenhao Tech, Yijiahe Technology, Dali Technology and CSG Smart Science & Technology, etc.

Chapter 14: Research Findings and Conclusion

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