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# Military Thermal Imaging Market Research Report - Global Forecast till 2027

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## Description:

### Market Scenario

Thermal imaging technology has been developed for military applications that provide soldiers with a clear vision in low light conditions, such as in the evening or fogs and military operations conducted at night. These technologies can display images on standard monitor systems through electronic signals that process the information gathered by thermal imaging devices. The rise in dependency on electro-optical solutions, such as thermal imaging would improve the accuracy of armed forces on the battlefield, whether on the land, sea, or air. Significant investments have been made on the development of military thermal imaging systems, which would lead to rapid growth of the market during the forecast period. However, some factors such as the requirement for additional detailing in long-wave infrared cameras and export restrictions of military thermal imaging, which would adversely affect the market growth.

The increased need for thermal inspections and monitoring in the military sector is expected to offer new growth opportunities to the market players. The factors responsible for the growth of the global military thermal imaging market are the reduction in the price of thermal imaging products and increasing adoption of thermal imaging for perimeter security. There are several contracts have been signed to bolster the growth of the market. In 2016, Thales Group signed a contract with the Indian Army to provide Catherine Thermal Imaging Cameras for T90 battle tanks. In 2017, Teledyne Technologies acquired E2v Technologies plc. to provide high-performance imaging sensors, custom camera solutions, and application-specific standard products.

The global military thermal imaging market has been segmented by type, application, end user, platform, and region. Among type, modules are most widely used and have the largest market share due to their compactness, low cost, and flexibility to integrate with other devices, including military drones. Based on application, the security and surveillance market segment is estimated to witness the largest demand, during the forecast period, due to increasing usage by the military forces for border patrolling and security. Based on end users, the airborne market segment is estimated to witness the largest demand for military thermal imaging systems, due to the high usage of Unmanned Aerial Vehicle (UAV) for military operations. For instance, FLIR Systems signed a contract with Hellenic Port Police to provide airborne thermal imaging systems for port security, coastal patrol, shipping protection, and general surveillance for the 2004 Athens Olympic Games. Based on platform, the fixed mounted thermal imaging systems are the most widely used and account for the largest market share. Furthermore, the FLIR Systems signed a contract with the Swedish Armed Forces to provide vehicle-mounted thermal imaging systems for vehicle sighting applications.

### Segmentation of the Global Military Thermal Imaging Market

Based on region, the market is segmented into North America, Asia-Pacific, Europe, the Middle East & Africa, and Latin America. North America is expected to dominate the market in the coming years, due to the presence of thermal imaging product manufacturers and R&D centers in this region. Asia-Pacific is expected to follow North America in the military thermal imaging market and is estimated to trail North America during the forecast period as well. The key influencing factors boosting the growth of the market are the increasing deployment of thermal imaging technologies in various military applications and increasing military expenses by emerging economies, such as China and India. Thus, the global military thermal imaging market is estimated to witness 6% CAGR from 2018 to 2025.

### Intended Audience

- Camera component manufacturers
- Security services providers
- Software developers
- Component providers
- Regulatory bodies
- Government authorities
- Research institutes
- Regulatory bodies

### Key Players

The key players in the global military thermal imaging market are Lockheed Martin (US), Aselsan (Turkey), Thales Group (France), Raytheon Company (US), Northrop Grumman (US), L-3 Technologies (US), Ultra Electronics (UK), Israel Aerospace Industries (Israel), MOOG Inc. (US), Flir Systems (US), Rafael Advanced Defense Systems Ltd.

(Israel), and Qioptik (Paris).

## Research Methodology

The market values and forecasts are derived using MRFR research methodology, which includes secondary research, primary interviews, data triangulation, and validation from an in-house data repository and statistical modeling tools.

## Secondary Research

In this process, data is collected from various secondary sources, including annual reports, SEC filings, journals, government associations, aerospace & defense magazines, white papers, corporate presentations, company websites, and paid databases.

## Primary Research

In this process, both the demand- and supply-side parties are interviewed to extract facts and insights into the market forecast, production, trends, and projected market growth. Industry stakeholders such as CEOs, VPs, directors, and marketing executives across the value chain are approached to obtain key information.

## Key Insights

- Market sizing, forecast, and analysis: detailed coverage of the market segment and sub-segments
- Regional/country trends and forecast: detailed analysis of the market in North America, Asia-Pacific, Europe, the Middle East & Africa, and Latin America, along with key countries in each region
- Market dynamics intelligence: market drivers, opportunities, trends, restraints, Porter's five forces, supply chain, and value chain analysis
- Technology trends, regulatory landscape, and patent analysis outlook
- Competitive intelligence: market share analysis, financial analysis, product benchmarking, and strategic developments including joint ventures, product launches, and mergers & acquisitions
- Regional attractiveness and related growth opportunities

**Report Customization** MRFR offers report customization to valued customers. Below are the options available for customization: **Company Profiles** In-depth profiling of additional market players (3 to 4 companies) **Country-Level Analysis** Detailed analysis of a country-level market and related segments as per the report scope (subject to data availability)

## Table of Content:

### Contents

#### Table of Contents

#### 1 Executive Summary

##### 1.1 Market Attractiveness Analysis

##### 1.1.1. Global Military Thermal Imaging Market, by Type

##### 1.1.2. Global Military Thermal Imaging Market, by Application

##### 1.1.3. Global Military Thermal Imaging Market, by Platform

##### 1.1.4. Global Military Thermal Imaging Market, by End User

##### 1.1.5. Global Military Thermal Imaging Market, by Region

#### 2 Scope of the Report

##### 2.1 Market Definition

##### 2.2 Scope of the Study

##### 2.3 Research Process

##### 2.4 Market Size Estimation

##### 2.5 Forecast Model

#### 3 Market Landscape

##### 3.1 Porter's Five Forces Analysis

##### 3.1.1 Threat of New Entrants

##### 3.1.2 Bargaining Power of Buyers

##### 3.1.3 Threat of Substitutes

##### 3.1.4 Segment Rivalry

##### 3.1.5 Bargaining Power of Suppliers

##### 3.2 Value Chain/Supply Chain Analysis

#### 4 Market Dynamics

##### 4.1 Introduction

##### 4.2 Market Drivers

##### 4.3 Market Restraints

##### 4.4 Market Opportunities

##### 4.5 Market Trends

#### 5 Global Military Thermal Imaging Market, by Type

##### 5.1 Introduction

##### 5.2 Camera

##### 5.2.1 Market Estimates & Forecast, 2020–2027

##### 5.2.2 Market Estimates & Forecast, by Region, 2020–2027

##### 5.3 Module

##### 5.3.1 Market Estimates & Forecast, 2020–2027

##### 5.3.2 Market Estimates & Forecast, by Region, 2020–2027

##### 5.4 Scope

##### 5.4.1 Market Estimates & Forecast, 2020–2027

##### 5.4.2 Market Estimates & Forecast, by Region, 2020–2027

#### 6 Global Military Thermal Imaging Market, by Application

##### 6.1 Introduction

##### 6.2 Security & Surveillance

- 6.2.1 Market Estimates & Forecast, 2020–2027
- 6.2.2 Market Estimates & Forecast, by Region, 2020–2027
- 6.3 Monitoring & Inspection
  - 6.3.1 Market Estimates & Forecast, 2020–2027
  - 6.3.2 Market Estimates & Forecast, by Region, 2020–2027
- 6.4 Target Detection
  - 6.4.1 Market Estimates & Forecast, 2020–2027
  - 6.4.2 Market Estimates & Forecast, by Region, 2020–2027
- 6.5 Situational Awareness
  - 6.5.1 Market Estimates & Forecast, 2020–2027
  - 6.5.2 Market Estimates & Forecast, by Region, 2020–2027
- 6.6 Others
  - 6.6.1 Market Estimates & Forecast, 2020–2027
  - 6.6.2 Market Estimates & Forecast, by Region, 2020–2027
- 7 Global Military Thermal Imaging Market, by End User**
  - 7.1 Introduction
  - 7.2 Naval
    - 7.2.1 Market Estimates & Forecast, 2020–2027
    - 7.2.2 Market Estimates & Forecast, by Region, 2020–2027
  - 7.3 Airborne
    - 7.3.1 Market Estimates & Forecast, 2020–2027
    - 7.3.2 Market Estimates & Forecast, by Region, 2020–2027
  - 7.4 Land
    - 7.4.1 Market Estimates & Forecast, 2020–2027
    - 7.4.2 Market Estimates & Forecast, by Region, 2020–2027
- 8 Global Military Thermal Imaging Market, by Platform**
  - 8.1 Introduction
  - 8.2 Man Portable
    - 8.2.1 Market Estimates & Forecast, 2020–2027
    - 8.2.2 Market Estimates & Forecast, by Region, 2020–2027
  - 8.3 Fixed Mounted
    - 8.3.1 Market Estimates & Forecast, 2020–2027
    - 8.3.2 Market Estimates & Forecast, by Region, 2020–2027
- 9 Global Military Thermal Imaging Market, by Region**
  - 9.1 Introduction
  - 9.2 America
    - 9.2.1 Market Estimates & Forecast, 2020–2027
    - 9.2.2 Market Estimates & Forecast, by Type, 2020–2027
    - 9.2.3 Market Estimates & Forecast, by Application, 2020–2027
    - 9.2.4 Market Estimates & Forecast, by End User, 2020–2027
    - 9.2.5 Market Estimates & Forecast, by Platform, 2020–2027
    - 9.2.5 US
      - 9.2.5.1 Market Estimates & Forecast, 2020–2027
      - 9.2.5.2 Market Estimates & Forecast, by Type, 2020–2027
      - 9.2.5.3 Market Estimates & Forecast, by Application, 2020–2027
      - 9.2.5.4 Market Estimates & Forecast, by End User, 2020–2027
      - 9.2.5.5 Market Estimates & Forecast, by Platform, 2020–2027
    - 9.2.6 Canada
      - 9.2.6.1 Market Estimates & Forecast, 2020–2027
      - 9.2.6.2 Market Estimates & Forecast, by Type, 2020–2027
      - 9.2.6.3 Market Estimates & Forecast, by Application, 2020–2027
      - 9.2.6.4 Market Estimates & Forecast, by End User, 2020–2027
      - 9.2.6.5 Market Estimates & Forecast, by Platform, 2020–2027
  - 9.3 Europe
    - 9.3.1 Market Estimates & Forecast, 2020–2027
    - 9.3.2 Market Estimates & Forecast, by Type, 2020–2027
    - 9.3.3 Market Estimates & Forecast, by Application, 2020–2027
    - 9.3.4 Market Estimates & Forecast, by End User, 2020–2027
    - 9.3.5 Market Estimates & Forecast, by Platform, 2020–2027
    - 9.3.7 UK
      - 9.3.7.1 Market Estimates & Forecast, 2020–2027
      - 9.3.7.2 Market Estimates & Forecast, by Type, 2020–2027
      - 9.3.7.3 Market Estimates & Forecast, by Application, 2020–2027
      - 9.3.7.4 Market Estimates & Forecast, by End User, 2020–2027
      - 9.3.7.5 Market Estimates & Forecast, by Platform, 2020–2027
    - 9.3.8 Germany
      - 9.3.8.1 Market Estimates & Forecast, 2020–2027
      - 9.3.8.2 Market Estimates & Forecast, by Type, 2020–2027
      - 9.3.8.3 Market Estimates & Forecast, by Application, 2020–2027
      - 9.3.8.4 Market Estimates & Forecast, by End User, 2020–2027
      - 9.3.8.5 Market Estimates & Forecast, by Platform, 2020–2027
    - 9.3.9 France
      - 9.3.9.1 Market Estimates & Forecast, 2020–2027
      - 9.3.9.2 Market Estimates & Forecast, by Type, 2020–2027
      - 9.3.9.3 Market Estimates & Forecast, by Application, 2020–2027
      - 9.3.9.4 Market Estimates & Forecast, by End User, 2020–2027
      - 9.3.9.5 Market Estimates & Forecast, by Platform, 2020–2027
    - 9.3.9 Russia
      - 9.3.9.1 Market Estimates & Forecast, 2020–2027
      - 9.3.9.2 Market Estimates & Forecast, by Type, 2020–2027
      - 9.3.9.3 Market Estimates & Forecast, by Application, 2020–2027
      - 9.3.9.4 Market Estimates & Forecast, by End User, 2020–2027
      - 9.3.9.5 Market Estimates & Forecast, by Platform, 2020–2027
    - 9.3.11 Rest of Europe
      - 9.3.11.1 Market Estimates & Forecast, 2020–2027
      - 9.3.11.2 Market Estimates & Forecast, by Type, 2020–2027
      - 9.3.11.3 Market Estimates & Forecast, by Application, 2020–2027
      - 9.3.11.4 Market Estimates & Forecast, by End User, 2020–2027
      - 9.3.11.5 Market Estimates & Forecast, by Platform, 2020–2027
  - 9.4 Asia-Pacific
    - 9.4.1 Market Estimates & Forecast, 2020–2027
    - 9.4.2 Market Estimates & Forecast, by Type, 2020–2027
    - 9.4.3 Market Estimates & Forecast, by Application, 2020–2027

- 9.4.4 Market Estimates & Forecast, by End User, 2020–2027
- 9.4.5 Market Estimates & Forecast, by Platform, 2020–2027
- 9.4.5 China
  - 9.4.5.1 Market Estimates & Forecast, 2020–2027
  - 9.4.5.2 Market Estimates & Forecast, by Type, 2020–2027
  - 9.4.5.3 Market Estimates & Forecast, by Application, 2020–2027
  - 9.4.5.4 Market Estimates & Forecast, by End User, 2020–2027
  - 9.4.5.5 Market Estimates & Forecast, by Platform, 2020–2027
- 9.4.6 Japan
  - 9.4.6.1 Market Estimates & Forecast, 2020–2027
  - 9.4.6.2 Market Estimates & Forecast, by Type, 2020–2027
  - 9.4.6.3 Market Estimates & Forecast, by Application, 2020–2027
  - 9.4.6.4 Market Estimates & Forecast, by End User, 2020–2027
  - 9.4.6.5 Market Estimates & Forecast, by Platform, 2020–2027
- 9.4.7 India
  - 9.4.7.1 Market Estimates & Forecast, 2020–2027
  - 9.4.7.2 Market Estimates & Forecast, by Type, 2020–2027
  - 9.4.7.3 Market Estimates & Forecast, by Application, 2020–2027
  - 9.4.7.4 Market Estimates & Forecast, by End User, 2020–2027
  - 9.4.7.5 Market Estimates & Forecast, by Platform, 2020–2027
- 9.4.8 Rest of Asia-Pacific
  - 9.4.8.1 Market Estimates & Forecast, 2020–2027
  - 9.4.8.2 Market Estimates & Forecast, by Type, 2020–2027
  - 9.4.8.3 Market Estimates & Forecast, by Application, 2020–2027
  - 9.4.8.4 Market Estimates & Forecast, by End User, 2020–2027
  - 9.4.8.5 Market Estimates & Forecast, by Platform, 2020–2027
- 9.5 Middle East & Africa
  - 9.5.1 Market Estimates & Forecast, 2020–2027
  - 9.5.2 Market Estimates & Forecast, by Type, 2020–2027
  - 9.5.3 Market Estimates & Forecast, by Application, 2020–2027
  - 9.5.4 Market Estimates & Forecast, by End User, 2020–2027
  - 9.5.5 Market Estimates & Forecast, by Platform, 2020–2027
- 9.6 Latin America
  - 9.6.1 Market Estimates & Forecast, 2020–2027
  - 9.6.2 Market Estimates & Forecast, by Type, 2020–2027
  - 9.6.3 Market Estimates & Forecast, by Application, 2020–2027
  - 9.6.4 Market Estimates & Forecast, by End User, 2020–2027
  - 9.6.5 Market Estimates & Forecast, by Platform, 2020–2027

## **10 Competitive Landscape**

### **11 Company Profile**

- 11.1 BAE Systems
  - 11.1.1 Company Overview
  - 11.1.2 Products/Services Offered
  - 11.1.3 Financial Overview
  - 11.1.4 Key Developments
  - 11.1.5 Key Strategies
  - 11.1.6 SWOT Analysis
- 11.2 FLIR Systems Inc.
  - 11.2.1 Company Overview
  - 11.2.2 Products/Services Offered
  - 11.2.3 Financial Overview
  - 11.2.4 Key Developments
  - 11.2.5 Key Strategies
  - 11.2.6 SWOT Analysis
- 11.3 General Dynamics Mission Systems Inc.
  - 11.3.1 Company Overview
  - 11.3.2 Products/Services Offered
  - 11.3.3 Financial Overview
  - 11.3.4 Key Developments
  - 11.3.5 Key Strategies
  - 11.3.6 SWOT Analysis
- 11.4 Harris Corporation
  - 11.4.1 Company Overview
  - 11.4.2 Products/Services Offered
  - 11.4.3 Financial Overview
  - 11.4.4 Key Developments
  - 11.4.5 Key Strategies
  - 11.4.6 SWOT Analysis
- 11.6 L3 Technologies Inc.
  - 11.6.1 Company Overview
  - 11.6.2 Products/Services Offered
  - 11.6.3 Financial Overview
  - 11.6.4 Key Developments
  - 11.6.5 Key Strategies
  - 11.6.6 SWOT Analysis
- 11.6 Leonardo
  - 11.6.1 Company Overview
  - 11.6.2 Products/Services Offered
  - 11.6.3 Financial Overview
  - 11.6.4 Key Developments
  - 11.6.5 Key Strategies
  - 11.6.6 SWOT Analysis
- 11.7 Lockheed Martin Corporation
  - 11.7.1 Company Overview
  - 11.7.2 Products/Services Offered
  - 11.7.3 Financial Overview
  - 11.7.4 Key Developments
  - 11.7.5 Key Strategies
  - 11.7.6 SWOT Analysis
- 11.8 Raytheon Company
  - 11.8.1 Company Overview
  - 11.8.2 Products/Services Offered
  - 11.8.3 Financial Overview

11.8.4	Key Developments
11.8.5	Key Strategies
11.8.6	SWOT Analysis
11.9	Sofradir
11.9.1	Company Overview
11.9.2	Products/Services Offered
11.9.3	Financial Overview
11.9.4	Key Developments
11.9.5	Key Strategies
11.9.6	SWOT Analysis
11.10	Teledyne Technologies Inc.
11.10.1	Company Overview
11.10.2	Products/Services Offered
11.10.3	Financial Overview
11.10.4	Key Developments
11.10.5	Key Strategies
11.10.6	SWOT Analysis
11.10	Thales Group
11.10.1	Company Overview
11.10.2	Products/Services Offered
11.10.3	Financial Overview
11.10.4	Key Developments
11.10.5	Key Strategies
11.10.6	SWOT Analysis

## 12 Appendix

12.1	References
12.2	Related Reports
12.3	List of Abbreviations

## 13 Industry Insights

Note: This table of contents is tentative and subject to change as the research progresses.

### List of Tables

Table 1	Global Military Thermal Imaging Market, by Region, 2020–2027
Table 2	North America Military Thermal Imaging Market, by Country, 2020–2027
Table 3	Europe Military Thermal Imaging Market, by Country, 2020–2027
Table 4	Asia-Pacific Military Thermal Imaging Market, by Country, 2020–2027
Table 5	Middle East & Africa Military Thermal Imaging Market, by Country, 2020–2027
Table 6	Latin America Military Thermal Imaging Market, by Country, 2020–2027
Table 7	Global Military Thermal Imaging Market, by Region, 2020–2027
Table 8	Global Military Thermal Imaging Market, by Type, 2020–2027
Table 9	Global Military Thermal Imaging Market, by Application, 2020–2027
Table 10	Global Military Thermal Imaging Market, by Platform, 2020–2027
Table 11	Global Military Thermal Imaging Market, by End User, 2020–2027
Table 12	North America: Military Thermal Imaging Market, by Country, 2020–2027
Table 13	North America: Military Thermal Imaging Market, by Type, 2020–2027
Table 14	North America: Military Thermal Imaging Market, by Application, 2020–2027
Table 15	North America: Military Thermal Imaging Market, by Platform, 2020–2027
Table 16	North America: Military Thermal Imaging Market, by End User, 2020–2027
Table 17	Europe: Military Thermal Imaging Market, by Country, 2020–2027
Table 18	Europe: Military Thermal Imaging Market, by Type, 2020–2027
Table 19	Europe: Military Thermal Imaging Market, by Application, 2020–2027
Table 20	Europe: Military Thermal Imaging Market, by Platform, 2020–2027
Table 21	Europe: Military Thermal Imaging Market, by End User, 2020–2027
Table 22	Asia-Pacific: Military Thermal Imaging Market, by Country, 2020–2027
Table 23	Asia-Pacific: Military Thermal Imaging Market, by Type, 2020–2027
Table 24	Asia-Pacific: Military Thermal Imaging Market, by Application, 2020–2027
Table 25	Asia-Pacific: Military Thermal Imaging Market, by Platform, 2020–2027
Table 26	Asia-Pacific: Military Thermal Imaging Market, by End User, 2020–2027
Table 27	Middle East & Africa: Military Thermal Imaging Market, by Region, 2020–2027
Table 28	Middle East & Africa: Military Thermal Imaging Market, by Type, 2020–2027
Table 29	Middle East & Africa: Military Thermal Imaging Market, by Application, 2020–2027
Table 30	Middle East & Africa: Military Thermal Imaging Market, by Platform, 2020–2027
Table 31	Middle East & Africa: Military Thermal Imaging Market, by End User, 2020–2027
Table 32	Latin America: Military Thermal Imaging Market, by Region, 2020–2027
Table 33	Latin America: Military Thermal Imaging Market, by Type, 2020–2027
Table 34	Latin America: Military Thermal Imaging Market, by Application, 2020–2027
Table 35	Latin America: Military Thermal Imaging Market, by Platform, 2020–2027
Table 36	Latin America: Military Thermal Imaging Market, by End User, 2020–2027

### List of Figures

FIGURE 1	Research Process of MRFR
FIGURE 2	Top-Down and Bottom-Up Approaches
FIGURE 3	Market Dynamics
FIGURE 4	Impact Analysis: Market Drivers
FIGURE 5	Impact Analysis: Market Restraints
FIGURE 6	Porter's Five Forces Analysis
FIGURE 7	Value Chain Analysis
FIGURE 8	Global Military Thermal Imaging Market Share, by Type, 2020 (%)
FIGURE 9	Global Military Thermal Imaging Market, by Type, 2020–2027 (USD Million)
FIGURE 10	Global Military Thermal Imaging Market Share, by Application, 2020 (%)
FIGURE 11	Global Military Thermal Imaging Market, by Application, 2020–2027 (USD Million)
FIGURE 12	Global Military Thermal Imaging Market Share, by Platform, 2020 (%)
FIGURE 13	Global Military Thermal Imaging Market, by Platform, 2020–2027 (USD Million)
FIGURE 14	Global Military Thermal Imaging Market Share, by End User, 2020 (%)
FIGURE 15	Global Military Thermal Imaging Market, by End User, 2020–2027 (USD Million)
FIGURE 16	Global Military Thermal Imaging Market Share (%), by Region, 2020
FIGURE 17	Global Military Thermal Imaging Market, by Region, 2020–2027 (USD Million)
FIGURE 18	North America: Military Thermal Imaging Market Share (%), 2020
FIGURE 19	North America: Military Thermal Imaging Market, by Country, 2020–2027 (USD Million)
FIGURE 20	Europe: Military Thermal Imaging Market Share (%), 2020
FIGURE 21	Europe: Military Thermal Imaging Market, by Country, 2020–2027 (USD Million)
FIGURE 22	Asia-Pacific: Military Thermal Imaging Market Share (%), 2020
FIGURE 23	Asia-Pacific: Military Thermal Imaging Market, by Country, 2020–2027 (USD Million)
FIGURE 24	Middle East & Africa Military Thermal Imaging Market Share (%), 2020
FIGURE 25	Middle East & Africa Military Thermal Imaging Market, by Region, 2020–2027 (USD Million)

FIGURE 26 Latin America Military Thermal Imaging Market Share (%), 2020  
FIGURE 27 Latin America Military Thermal Imaging Market, by Region, 2020–2027 (USD Million)

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