

# Multispectral Camera Market by Application (Defense, Commercial), End Use (Man-portable, Payloads), Cooling Technology (Cooled, Uncooled), Spectrum and Region (North America, Europe, Asia Pacific, Rest of the World) - Global Forecast to 2028

<https://marketpublishers.com/r/M61D71958D8FEN.html>

Date: May 2023

Pages: 223

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

ID: M61D71958D8FEN

## Abstracts

The Multispectral Camera Market is estimated to be USD 1.4 billion in 2023 and is projected to reach USD 2.2 billion by 2028, at a CAGR of 9.0% during the forecast period. Due to a number of factors, the global market for multispectral cameras is expanding significantly. Through the use of numerous spectral bands to capture images, multispectral cameras have completely changed the way that imaging technology is analyzed and interpreted. These cameras have numerous uses in a variety of sectors, including agricultural, defense, environmental monitoring, and healthcare. "Target and Tracking: The largest share of the Multispectral Camera Market by defense application in 2023." Based on Defense Application, the multispectral camera market has been segmented into target and tracking, Imaging Systems, Intelligence, Surveillance, and Reconnaissance target and tracking is expected to be the fastest-growing segment, during the forecast period. A multispectral camera in target and tracking applications refers to the use of a camera that can capture images in multiple spectral bands or wavelengths. Unlike conventional cameras that capture images in the visible spectrum (RGB), multispectral cameras can capture images in additional spectral bands, such as infrared (IR) or ultraviolet (UV), allowing for enhanced imaging capabilities. In target and tracking applications, multispectral cameras can be used to improve the detection, identification, and tracking of objects or targets.

"Survey and mapping: The largest share of the Multispectral Camera Market by defense application in 2023." Based on Commercial Application, the multispectral

camera market has been segmented into survey and mapping, remote sensing, environmental monitoring, life science and medical diagnostics and other. The use of multispectral cameras in surveying and mapping applications is growing due to their ability to capture images in multiple spectral bands. These cameras offer valuable benefits for vegetation analysis, which is crucial in various fields such as agriculture, forestry, and environmental monitoring. By capturing images in specific spectral bands, multispectral cameras can provide detailed information about vegetation health, density, and species composition. This data is essential for assessing the quality of agricultural crops, monitoring forest health, detecting invasive species, and studying ecological changes

”Uncooled technology Segment: The second largest segment of the Multispectral Camera Market by type in 2023“

Uncooled multispectral cameras have secured the second-largest market share in their usage primarily due to their cost-effectiveness. Unlike cooled multispectral cameras that require complex and expensive cooling mechanisms, uncooled cameras operate without the need for active cooling. This eliminates the high costs associated with cooling components like cryogenic coolers, making uncooled multispectral cameras more affordable and accessible to a wider range of users and industries. The cost-effectiveness of uncooled multispectral cameras has been instrumental in their adoption across various applications. Industries such as agriculture, environmental monitoring, infrastructure inspection, and security can benefit from the capabilities offered by multispectral imaging, but often face budget constraints. Uncooled cameras provide a cost-efficient solution that allows these industries to leverage multispectral imaging without compromising on image quality or performance.

“India to account for the largest CAGR in the Multispectral Camera Market in forecasted year”

India has witnessed significant growth in the use of multispectral cameras in recent years. Several factors contribute to this trend:

**Agriculture:** India has a large agricultural sector, and multispectral cameras have proven to be valuable tools for crop monitoring, precision agriculture, and yield optimization. Multispectral cameras can assess plant health, identify crop diseases or nutrient deficiencies, and provide insights into irrigation needs. As Indian farmers increasingly adopt technology-driven farming practices, multispectral cameras offer crucial data for improving crop productivity and reducing input costs. **Research and academia:** India

have a vibrant research and academic community involved in various scientific disciplines. Multispectral cameras are widely used in research applications such as ecology, forestry, geology, and atmospheric studies. They enable researchers to analyse and understand complex environmental phenomena, study biodiversity, and monitor ecosystem dynamics.

Break-up of profiles of primary participants in the multispectral camera market: By Company Type: Tier 1 – 35%, Tier 2 – 45%, and Tier 3 – 20% By Designation: C-Level Executives – 35%, Director level – 25%, and Others – 40% By Region: North America – 25%, Europe – 15%, Asia Pacific – 45%, Rest of the world – 5%, Middle East & Africa – 10%

Prominent companies in the multispectral camera market are Teledyne FLIR (US), Leonardo DRS (US), Collins Aerospace (US), Hensoldt (Germany), JAI (Denmark), TetraCam Inc. (US), Telops Inc. (Canada), DJI (China), Paras Aerospace (India), Cubert GMBH (Germany), HGH Group (France), Ocean Insight (US), Sepctral Devices (UK), Silios technology (France), Unispectral (Israel), Opgal Optronics Industries Ltd. (Israel).

**Research Coverage:** The market study covers the multispectral camera market across segments. It aims at estimating the market size and the growth potential of this market across different segments, such as Cooling Technology, Application, End Use, Spectrum region. The study also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to product and business offerings, recent developments, and key market strategies. Key benefits of buying this report: This report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall multispectral camera market and its subsegments. The report covers the entire ecosystem of the multispectral camera industry and will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. The report will also help stakeholders understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers and there are several factors that could contribute to an increase in the multispectral camera market.

**Product Development/Innovation:** Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the multispectral camera market .

**Market Development:** Comprehensive information about lucrative markets – the report analyses the multispectral camera market across varied regions

**Market Diversification:** Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the multispectral camera market .

**Competitive Assessment:** In-depth assessment of market shares, growth strategies and service offerings of leading players like Teledyne FLIR (US), Leonardo DRS (US), Collins Aerospace (US), Hensoldt (Germany), JAI (Denmark), TetraCam Inc. (US), Telops Inc. (Canada), DJI (China), Paras Aerospace (India), Cubert GMBH (Germany), HGH Group (France), Ocean Insight (US), Sepctral Devices (UK), Silios technology (France), Unispectral (Israel), Opgal Optronics Industries Ltd. (Israel).

among others in the multispectral camera market.

## Contents

### 1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 STUDY SCOPE

1.3.1 MARKETS COVERED

FIGURE 1 MULTISPECTRAL CAMERA MARKET SEGMENTATION

1.3.2 REGIONAL SCOPE

1.3.3 YEARS CONSIDERED

1.4 INCLUSIONS AND EXCLUSIONS

TABLE 1 INCLUSIONS AND EXCLUSIONS IN MULTISPECTRAL CAMERA MARKET

1.5 CURRENCY AND PRICING

TABLE 2 USD EXCHANGE RATES

1.6 STUDY LIMITATIONS

1.7 MARKET STAKEHOLDERS

1.8 SUMMARY OF CHANGES

1.8.1 RECESSION IMPACT ANALYSIS

### 2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 RESEARCH FLOW

FIGURE 3 RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.2 PRIMARY DATA

2.1.2.1 Key data from primary sources

FIGURE 4 BREAKDOWN OF PRIMARY INTERVIEWS

2.2 MARKET SIZE ESTIMATION

2.2.1 BOTTOM-UP APPROACH

TABLE 3 MARKET ESTIMATION PROCEDURE FOR DEFENSE APPLICATIONS

FIGURE 5 BOTTOM-UP APPROACH

2.2.2 TOP-DOWN APPROACH

FIGURE 6 TOP-DOWN APPROACH

2.2.3 GROWTH FORECAST

2.3 FACTOR ANALYSIS

2.3.1 INTRODUCTION

2.3.2 DEMAND-SIDE INDICATORS

2.3.2.1 Increased global military spending

FIGURE 7 MILITARY EXPENDITURE, BY COUNTRY, 2019–2021 (USD BILLION)

2.3.2.2 Rising incidences of regional disputes

2.3.2.3 Growing demand for multispectral cameras in various commercial applications

2.3.3 SUPPLY-SIDE INDICATORS

2.3.3.1 Financial trends of major US defense contractors

2.3.4 RECESSION IMPACT ANALYSIS

2.4 DATA TRIANGULATION

FIGURE 8 MARKET BREAKDOWN AND DATA TRIANGULATION

2.4.1 TRIANGULATION THROUGH PRIMARY AND SECONDARY RESEARCH

2.5 GROWTH RATE ASSUMPTIONS

2.6 RESEARCH ASSUMPTIONS

2.7 RISKS

### **3 EXECUTIVE SUMMARY**

FIGURE 9 COMMERCIAL SEGMENT TO REGISTER HIGHER CAGR FROM 2023 TO 2028

FIGURE 10 PAYLOADS SEGMENT TO LEAD MARKET FROM 2023 TO 2028

FIGURE 11 NEAR-INFRARED SEGMENT TO LEAD MARKET FROM 2023 TO 2028

FIGURE 12 COOLED SEGMENT TO ACQUIRE LARGEST MARKET SHARE BY 2028

FIGURE 13 TARGET AND TRACKING SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE BY 2028

FIGURE 14 REMOTE SENSING SEGMENT TO REGISTER HIGHEST CAGR FROM 2023 TO 2028

FIGURE 15 ASIA PACIFIC TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

### **4 PREMIUM INSIGHTS**

4.1 ATTRACTIVE GROWTH OPPORTUNITIES FOR PLAYERS IN MULTISPECTRAL CAMERA MARKET

FIGURE 16 INCREASED ADOPTION OF UNMANNED SYSTEMS TO DRIVE MARKET

4.2 MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL APPLICATION

FIGURE 17 SURVEY AND MAPPING SEGMENT TO SURPASS OTHER SEGMENTS BY 2028

4.3 MULTISPECTRAL CAMERA MARKET, BY END USE

FIGURE 18 PAYLOADS SEGMENT TO DOMINATE MARKET DURING FORECAST PERIOD

4.4 MULTISPECTRAL CAMERA MARKET, BY DEFENSE APPLICATION

FIGURE 19 TARGET AND TRACKING SEGMENT TO LEAD MARKET BY 2028

4.5 MULTISPECTRAL CAMERA MARKET, BY REGION

FIGURE 20 ASIA PACIFIC TO LEAD MARKET DURING FORECAST PERIOD

4.6 MULTISPECTRAL CAMERA MARKET, BY COUNTRY

FIGURE 21 INDIA TO BE FASTEST-GROWING MARKET FROM 2023 TO 2028

## **5 MARKET OVERVIEW**

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 22 MULTISPECTRAL CAMERA MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Increasing demand for precision agriculture

5.2.1.2 Advancements in sensor technology

5.2.1.3 Growing adoption of unmanned aerial vehicles

5.2.1.4 Increasing demand for medical imaging

5.2.1.5 Rising demand for security and surveillance

5.2.2 RESTRAINTS

5.2.2.1 Competition from alternative technologies

5.2.2.2 High cost and regulatory constraints

5.2.3 OPPORTUNITIES

5.2.3.1 Expansion of multispectral camera applications through industry partnerships

5.2.3.2 Surging development of user-friendly software for multispectral image analysis

5.2.3.3 Increasing investment in research and development of new multispectral camera technology

5.2.4 CHALLENGES

5.2.4.1 Complexity in analyzing and managing huge amounts of data

5.2.4.2 Integration challenges with platforms

5.3 TRENDS IMPACTING CUSTOMER BUSINESS

5.3.1 REVENUE SHIFT AND NEW REVENUE POCKETS FOR MULTISPECTRAL CAMERA MANUFACTURERS

FIGURE 23 REVENUE SHIFT IN MULTISPECTRAL CAMERA MARKET

5.4 RECESSION IMPACT ANALYSIS

5.4.1 IMPACT OF RECESSION ON MULTISPECTRAL CAMERA MARKET

FIGURE 24 RECESSION IMPACT ANALYSIS ON MULTISPECTRAL CAMERA MARKET

FIGURE 25 FACTORS IMPACTING MULTISPECTRAL CAMERA MARKET

5.5 AVERAGE SELLING PRICE ANALYSIS

5.5.1 AVERAGE SELLING PRICE TREND

TABLE 4 AVERAGE SELLING PRICE OF MULTISPECTRAL CAMERAS (USD

5.6 MULTISPECTRAL CAMERA PROJECTED VOLUME, BY REGION

5.6.1 MULTISPECTRAL CAMERA PROJECTED VOLUME, BY REGION

TABLE 5 MULTISPECTRAL CAMERA PROJECTED VOLUME, BY REGION

5.7 MARKET ECOSYSTEM

5.7.1 PROMINENT COMPANIES

5.7.2 PRIVATE AND SMALL ENTERPRISES

5.7.3 END USERS

FIGURE 26 MULTISPECTRAL CAMERA MARKET ECOSYSTEM

TABLE 6 MULTISPECTRAL CAMERA MARKET ECOSYSTEM

5.8 VALUE CHAIN ANALYSIS

FIGURE 27 VALUE CHAIN ANALYSIS: MULTISPECTRAL CAMERA MARKET

5.9 USE CASE ANALYSIS

5.9.1 USE CASE 1: CROP HEALTH MONITORING USING DRONE-MOUNTED MULTISPECTRAL SENSORS

TABLE 7 CROP HEALTH MONITORING USING DRONE-MOUNTED MULTISPECTRAL SENSORS

5.9.2 USE CASE 2: LAND USE AND LAND COVER MAPPING USING CUBESAT MULTISPECTRAL SENSORS

TABLE 8 LAND USE AND LAND COVER MAPPING USING CUBESAT MULTISPECTRAL SENSORS

5.10 PORTER'S FIVE FORCES ANALYSIS

TABLE 9 MULTISPECTRAL CAMERA MARKET: PORTER'S FIVE FORCES ANALYSIS

FIGURE 28 INTENSITY OF COMPETITIVE RIVALRY TO BE MODERATE IN MULTISPECTRAL CAMERA MARKET

5.10.1 THREAT OF NEW ENTRANTS

5.10.2 THREAT OF SUBSTITUTES

5.10.3 BARGAINING POWER OF SUPPLIERS

5.10.4 BARGAINING POWER OF BUYERS

5.10.5 INTENSITY OF COMPETITIVE RIVALRY

5.11 KEY STAKEHOLDERS AND BUYING CRITERIA

5.11.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 29 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS OF TWO



## APPLICATIONS

TABLE 10 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS OF TWO APPLICATIONS (%)

### 5.11.2 BUYING CRITERIA

FIGURE 30 KEY BUYING CRITERIA FOR TWO APPLICATIONS

TABLE 11 KEY BUYING CRITERIA FOR TWO APPLICATIONS

## 5.12 TARIFF AND REGULATORY LANDSCAPE

TABLE 12 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER AGENCIES

TABLE 13 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER AGENCIES

TABLE 14 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER AGENCIES

TABLE 15 MIDDLE EAST: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER AGENCIES

TABLE 16 REST OF THE WORLD: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER AGENCIES

## 5.13 KEY CONFERENCES AND EVENTS FROM JUNE 2023 TO JUNE 2024

TABLE 17 MULTISPECTRAL CAMERA MARKET: KEY CONFERENCES AND EVENTS, 2023?2024

## 6 INDUSTRY TRENDS

### 6.1 INTRODUCTION

FIGURE 31 EVOLUTION OF MULTISPECTRAL CAMERA TECHNOLOGY: A ROADMAP FROM 1980 TO 2050

### 6.2 KEY TECHNOLOGICAL TRENDS IN MULTISPECTRAL CAMERA MARKET

6.2.1 INTEGRATION WITH AI AND MACHINE LEARNING

6.2.2 ADVANCED REMOTE SENSING

6.2.3 MINIATURIZATION AND COST REDUCTION

6.2.4 UAVS MULTISPECTRAL CAMERA

### 6.3 IMPACT OF MEGATRENDS

6.3.1 DIGITALIZATION AND INTRODUCTION OF INTERNET OF THINGS

6.3.2 REVOLUTIONIZING AGRICULTURAL AND HEALTHCARE INDUSTRIES

### 6.4 SUPPLY CHAIN ANALYSIS

FIGURE 32 SUPPLY CHAIN ANALYSIS

### 6.5 INNOVATION AND PATENT REGISTRATIONS

TABLE 18 MULTISPECTRAL CAMERA STATION: KEY PATENTS, 2018

## **7 MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY**

### 7.1 INTRODUCTION

FIGURE 33 MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028

TABLE 19 MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 20 MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

### 7.2 COOLED

7.2.1 UTILIZING COOLED MULTISPECTRAL CAMERAS FOR MILITARY ISR AND TARGET TRACKING

### 7.3 UNCOOLED

7.3.1 UNCOOLED MULTISPECTRAL CAMERAS REVOLUTIONIZE PORTABLE MILITARY DEVICES

## **8 MULTISPECTRAL CAMERA MARKET, BY APPLICATION**

### 8.1 INTRODUCTION

FIGURE 34 MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028

TABLE 21 MULTISPECTRAL CAMERA MARKET, BY APPLICATION 2019–2022 (USD MILLION)

TABLE 22 MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

### 8.2 DEFENSE

8.2.1 MULTISPECTRAL CAMERAS ARE VERSATILE TOOLS FOR DEFENSE APPLICATIONS

FIGURE 35 MULTISPECTRAL CAMERA MARKET, BY DEFENSE APPLICATION, 2023–2028

TABLE 23 MULTISPECTRAL CAMERA MARKET, BY DEFENSE APPLICATION, 2019–2022 (USD MILLION)

TABLE 24 MULTISPECTRAL CAMERA MARKET, BY DEFENSE APPLICATION, 2023–2028 (USD MILLION)

#### 8.2.2 INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE

8.2.2.1 Advanced multispectral camera systems for enhanced situational awareness in security operations

#### 8.2.3 TARGET AND TRACKING

8.2.3.1 Capability to detect, identify, and track targets in several spectral bands using multispectral cameras

## 8.2.4 IMAGING SYSTEMS

8.2.4.1 Precision tracking and imaging with multispectral camera scopes in military operations

## 8.3 COMMERCIAL

### 8.3.1 MULTISPECTRAL CAMERAS FOR CUTTING-EDGE COMMERCIAL APPLICATIONS

FIGURE 36 MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL APPLICATION, 2023–2028

TABLE 25 MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL APPLICATION, 2019–2022 (USD MILLION)

TABLE 26 MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL APPLICATION, 2023–2028 (USD MILLION)

### 8.3.2 SURVEY AND MAPPING

8.3.2.1 Revolutionizing survey and mapping with UAV-mounted multispectral cameras

### 8.3.3 ENVIRONMENTAL MONITORING

8.3.3.1 Rising demand for real-time environmental monitoring due to climate change and frequent natural disasters

### 8.3.4 REMOTE SENSING

8.3.4.1 Growing use of multispectral cameras in remote sensing as researchers seek to understand Earth's surface and atmosphere

### 8.3.5 LIFE SCIENCES & MEDICAL DIAGNOSTICS

8.3.5.1 Increasing use of multispectral cameras in medical applications as scientists seek to analyze vast amounts of data

### 8.3.6 OTHERS

## 9 MULTISPECTRAL CAMERA MARKET, BY END USE

### 9.1 INTRODUCTION

FIGURE 37 MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028

TABLE 27 MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 28 MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

### 9.2 MAN-PORTABLE

9.2.1 INTEGRATED EO/IR CAPABILITIES WITH SOLDIER SYSTEMS FOR INCREASED MISSION EFFECTIVENESS

### 9.3 PAYLOADS

9.3.1 HIGH DEMAND FOR SMALL, LIGHTWEIGHT, AND COMBAT-PROVEN

## PRODUCTS

### **10 MULTISPECTRAL CAMERA MARKET, BY SPECTRUM**

#### 10.1 INTRODUCTION

FIGURE 38 MULTISPECTRAL CAMERA MARKET, BY SPECTRUM, 2023–2028

TABLE 29 MULTISPECTRAL CAMERA MARKET, BY SPECTRUM, 2019–2022 (USD MILLION)

TABLE 30 MULTISPECTRAL CAMERA MARKET, BY SPECTRUM, 2023–2028 (USD MILLION)

#### 10.2 VISIBLE LIGHT

10.2.1 ADVANCES IN VISIBLE LIGHT MULTISPECTRAL CAMERA TECHNOLOGY TO INCREASE POTENTIAL FOR NON-INVASIVE MEDICAL DIAGNOSTICS

#### 10.3 NEAR-INFRARED

10.3.1 RISING NEED FOR NEAR-INFRARED MULTISPECTRAL CAMERAS IN AGRICULTURE INDUSTRY FOR ACCURATE CROP HEALTH ANALYSIS AND YIELD PREDICTION

#### 10.4 SHORT-WAVE INFRARED (SWIR)

10.4.1 GROWING DEMAND FOR SWIR MULTISPECTRAL CAMERAS IN DEFENSE AND SECURITY INDUSTRY TO IMPROVE TARGET DETECTION AND IDENTIFICATION

#### 10.5 MID-WAVE INFRARED (MWIR)

10.5.1 INCREASING REQUIREMENT FOR MWIR MULTISPECTRAL CAMERAS IN DEFENSE AND SECURITY INDUSTRY FOR ACCURATE THERMAL IMAGING

#### 10.6 LONG-WAVE INFRARED (LWIR)

10.6.1 DEVELOPMENT OF LOW-COST LWIR MULTISPECTRAL CAMERAS TO INCREASE POTENTIAL FOR COMMERCIAL APPLICATIONS

### **11 MULTISPECTRAL CAMERA MARKET, BY REGION**

#### 11.1 INTRODUCTION

FIGURE 39 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET SNAPSHOT

#### 11.2 REGIONAL RECESSION IMPACT ANALYSIS

TABLE 31 REGIONAL RECESSION IMPACT ANALYSIS

TABLE 32 MULTISPECTRAL CAMERA MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 33 MULTISPECTRAL CAMERA MARKET, BY REGION, 2023–2028 (USD MILLION)

#### 11.3 NORTH AMERICA

### 11.3.1 PESTLE ANALYSIS: NORTH AMERICA

### 11.3.2 RECESSION IMPACT ANALYSIS: NORTH AMERICA

FIGURE 40 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET SNAPSHOT

TABLE 34 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 35 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

TABLE 36 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION 2019–2022 (USD MILLION)

TABLE 37 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 38 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY DEFENSE APPLICATION 2019–2022 (USD MILLION)

TABLE 39 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY DEFENSE APPLICATION, 2023–2028 (USD MILLION)

TABLE 40 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL APPLICATION, 2019–2022 (USD MILLION)

TABLE 41 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL APPLICATION, 2023–2028 (USD MILLION)

TABLE 42 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 43 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 44 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY SPECTRUM, 2019–2022 (USD MILLION)

TABLE 45 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY SPECTRUM, 2023–2028 (USD MILLION)

TABLE 46 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 47 NORTH AMERICA: MULTISPECTRAL CAMERA MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

### 11.3.3 US

11.3.3.1 Growing use of multispectral cameras in defense applications to drive market

TABLE 48 US: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 49 US: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 50 US: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD

MILLION)

TABLE 51 US: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 52 US: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 53 US: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.3.4 CANADA

11.3.4.1 Increased integration of multispectral cameras in defense applications to fuel market

TABLE 54 CANADA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 55 CANADA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 56 CANADA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 57 CANADA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 58 CANADA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 59 CANADA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.4 EUROPE

##### 11.4.1 PESTLE ANALYSIS: EUROPE

##### 11.4.2 RECESSION IMPACT ANALYSIS: EUROPE

FIGURE 41 EUROPE: MULTISPECTRAL CAMERA MARKET SNAPSHOT

TABLE 60 EUROPE: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 61 EUROPE: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

TABLE 62 EUROPE: MULTISPECTRAL CAMERA MARKET, BY APPLICATION 2019–2022 (USD MILLION)

TABLE 63 EUROPE: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 64 EUROPE: MULTISPECTRAL CAMERA MARKET, BY DEFENSE APPLICATION 2019–2022 (USD MILLION)

TABLE 65 EUROPE: MULTISPECTRAL CAMERA MARKET, BY DEFENSE APPLICATION, 2023–2028 (USD MILLION)

TABLE 66 EUROPE: MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL

APPLICATION, 2019–2022 (USD MILLION)

TABLE 67 EUROPE: MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL APPLICATION, 2023–2028 (USD MILLION)

TABLE 68 EUROPE: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 69 EUROPE: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 70 EUROPE: MULTISPECTRAL CAMERA MARKET, BY SPECTRUM, 2019–2022 (USD MILLION)

TABLE 71 EUROPE: MULTISPECTRAL CAMERA MARKET, BY SPECTRUM, 2023–2028 (USD MILLION)

TABLE 72 EUROPE: MULTISPECTRAL CAMERA MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 73 EUROPE: MULTISPECTRAL CAMERA MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

#### 11.4.3 UK

11.4.3.1 Growing deployment of multispectral cameras in research applications to drive market

TABLE 74 UK: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 75 UK: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 76 UK: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 77 UK: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 78 UK: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 79 UK: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.4.4 FRANCE

11.4.4.1 Rising interest in expanding hyperspectral imaging applications to drive market

TABLE 80 FRANCE: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 81 FRANCE: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 82 FRANCE: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 83 FRANCE: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 84 FRANCE: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 85 FRANCE: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.4.5 GERMANY

11.4.5.1 Rising adoption of advanced imaging technologies by industries to drive market

TABLE 86 GERMANY: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 87 GERMANY: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 88 GERMANY: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 89 GERMANY: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 90 GERMANY: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 91 GERMANY: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.4.6 RUSSIA

11.4.6.1 Growing integration of multispectral cameras in defense applications to drive market

TABLE 92 RUSSIA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 93 RUSSIA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 94 RUSSIA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 95 RUSSIA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 96 RUSSIA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 97 RUSSIA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.4.7 ITALY

11.4.7.1 Robust presence of major defense players to drive market

TABLE 98 ITALY: MULTISPECTRAL CAMERA MARKET, BY APPLICATION,



2019–2022 (USD MILLION)

TABLE 99 ITALY: MULTISPECTRAL CAMERA MARKET, BY APPLICATION,  
2023–2028 (USD MILLION)

TABLE 100 ITALY: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022  
(USD MILLION)

TABLE 101 ITALY: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028  
(USD MILLION)

TABLE 102 ITALY: MULTISPECTRAL CAMERA MARKET, BY COOLING  
TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 103 ITALY: MULTISPECTRAL CAMERA MARKET, BY COOLING  
TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.4.8 REST OF EUROPE

TABLE 104 REST OF EUROPE: MULTISPECTRAL CAMERA MARKET, BY  
APPLICATION, 2019–2022 (USD MILLION)

TABLE 105 REST OF EUROPE: MULTISPECTRAL CAMERA MARKET, BY  
APPLICATION, 2023–2028 (USD MILLION)

TABLE 106 REST OF EUROPE: MULTISPECTRAL CAMERA MARKET, BY END USE,  
2019–2022 (USD MILLION)

TABLE 107 REST OF EUROPE: MULTISPECTRAL CAMERA MARKET, BY END USE,  
2023–2028 (USD MILLION)

TABLE 108 REST OF EUROPE: MULTISPECTRAL CAMERA MARKET, BY COOLING  
TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 109 REST OF EUROPE: MULTISPECTRAL CAMERA MARKET, BY COOLING  
TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.5 ASIA PACIFIC

##### 11.5.1 PESTLE ANALYSIS: ASIA PACIFIC

##### 11.5.2 RECESSION IMPACT ANALYSIS: ASIA PACIFIC

FIGURE 42 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET SNAPSHOT

TABLE 110 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY COOLING  
TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 111 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY COOLING  
TECHNOLOGY, 2023–2028 (USD MILLION)

TABLE 112 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY APPLICATION  
2019–2022 (USD MILLION)

TABLE 113 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY APPLICATION,  
2023–2028 (USD MILLION)

TABLE 114 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY DEFENSE  
APPLICATION 2019–2022 (USD MILLION)

TABLE 115 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY DEFENSE

APPLICATION, 2023–2028 (USD MILLION)

TABLE 116 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL APPLICATION, 2019–2022 (USD MILLION)

TABLE 117 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL APPLICATION, 2023–2028 (USD MILLION)

TABLE 118 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 119 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 120 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY SPECTRUM, 2019–2022 (USD MILLION)

TABLE 121 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY SPECTRUM, 2023–2028 (USD MILLION)

TABLE 122 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 123 ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

#### 11.5.3 CHINA

11.5.3.1 Increasing demand for remote sensing applications and advancements in technology to drive market

TABLE 124 CHINA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 125 CHINA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 126 CHINA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 127 CHINA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 128 CHINA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 129 CHINA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.5.4 INDIA

11.5.4.1 Increasing demand for remote sensing applications to drive market

TABLE 130 INDIA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 131 INDIA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 132 INDIA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022

(USD MILLION)

TABLE 133 INDIA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028

(USD MILLION)

TABLE 134 INDIA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 135 INDIA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.5.5 JAPAN

11.5.5.1 Advancements in technology and supportive government and research environment to drive demand

TABLE 136 JAPAN: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 137 JAPAN: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 138 JAPAN: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 139 JAPAN: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 140 JAPAN: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 141 JAPAN: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.5.6 SOUTH KOREA

11.5.6.1 Development of new technologies and increased government investment to drive market

TABLE 142 SOUTH KOREA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 143 SOUTH KOREA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 144 SOUTH KOREA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 145 SOUTH KOREA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 146 SOUTH KOREA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 147 SOUTH KOREA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.5.7 REST OF ASIA PACIFIC

TABLE 148 REST OF ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY

APPLICATION, 2019–2022 (USD MILLION)

TABLE 149 REST OF ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 150 REST OF ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 151 REST OF ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 152 REST OF ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 153 REST OF ASIA PACIFIC: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

## 11.6 REST OF THE WORLD

### 11.6.1 RECESSION IMPACT ANALYSIS: REST OF THE WORLD

TABLE 154 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 155 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

TABLE 156 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY APPLICATION 2019–2022 (USD MILLION)

TABLE 157 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 158 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY DEFENSE APPLICATION 2019–2022 (USD MILLION)

TABLE 159 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY DEFENSE APPLICATION, 2023–2028 (USD MILLION)

TABLE 160 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL APPLICATION, 2019–2022 (USD MILLION)

TABLE 161 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY COMMERCIAL APPLICATION, 2023–2028 (USD MILLION)

TABLE 162 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 163 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 164 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY SPECTRUM, 2019–2022 (USD MILLION)

TABLE 165 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY SPECTRUM, 2023–2028 (USD MILLION)

TABLE 166 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 167 REST OF THE WORLD: MULTISPECTRAL CAMERA MARKET, BY REGION, 2023–2028 (USD MILLION)

#### 11.6.2 MIDDLE EAST & AFRICA

11.6.2.1 Growing need for agricultural and environmental monitoring to drive market

TABLE 168 MIDDLE EAST & AFRICA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 169 MIDDLE EAST & AFRICA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 170 MIDDLE EAST & AFRICA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 171 MIDDLE EAST & AFRICA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 172 MIDDLE EAST & AFRICA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 173 MIDDLE EAST & AFRICA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

#### 11.6.3 LATIN AMERICA

11.6.3.1 Increasing adoption in agriculture for precision farming and crop monitoring to drive demand

TABLE 174 LATIN AMERICA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 175 LATIN AMERICA: MULTISPECTRAL CAMERA MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 176 LATIN AMERICA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2019–2022 (USD MILLION)

TABLE 177 LATIN AMERICA: MULTISPECTRAL CAMERA MARKET, BY END USE, 2023–2028 (USD MILLION)

TABLE 178 LATIN AMERICA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2019–2022 (USD MILLION)

TABLE 179 LATIN AMERICA: MULTISPECTRAL CAMERA MARKET, BY COOLING TECHNOLOGY, 2023–2028 (USD MILLION)

## 12 COMPETITIVE LANDSCAPE

### 12.1 INTRODUCTION

TABLE 180 KEY DEVELOPMENTS BY LEADING PLAYERS IN MULTISPECTRAL CAMERA MARKET, 2019–2022

### 12.2 RANKING ANALYSIS, 2023

FIGURE 43 MARKET RANKING OF TOP FIVE PLAYERS, 2023

### 12.3 MARKET SHARE ANALYSIS, 2022

FIGURE 44 MARKET SHARE OF TOP FIVE PLAYERS, 2022

TABLE 181 MULTISPECTRAL CAMERA MARKET: DEGREE OF COMPETITION

### 12.4 REVENUE ANALYSIS, 2022

FIGURE 45 REVENUE OF TOP FIVE PLAYERS, 2023

### 12.5 COMPANY PRODUCT FOOTPRINT ANALYSIS

TABLE 182 COMPANY PRODUCTS FOOTPRINT

TABLE 183 COMPANY APPLICATION FOOTPRINT ANALYSIS

TABLE 184 COMPANY REGION FOOTPRINT ANALYSIS

### 12.6 COMPETITIVE EVALUATION QUADRANT

12.6.1 STARS

12.6.2 EMERGING LEADERS

12.6.3 PERVASIVE PLAYERS

12.6.4 PARTICIPANTS

FIGURE 46 MARKET COMPETITIVE LEADERSHIP MAPPING, 2023

### 12.7 STARTUP/SME EVALUATION QUADRANT

12.7.1 PROGRESSIVE COMPANIES

12.7.2 RESPONSIVE COMPANIES

12.7.3 STARTING BLOCKS

12.7.4 DYNAMIC COMPANIES

FIGURE 47 STARTUP/SME COMPETITIVE LEADERSHIP MAPPING, 2023

### 12.8 COMPETITIVE SCENARIO

12.8.1 MARKET EVALUATION FRAMEWORK

12.8.2 PRODUCT LAUNCHES

TABLE 185 PRODUCT LAUNCHES, 2019–2023

12.8.3 DEALS

TABLE 186 DEALS, 2019–2021

## 13 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, MnM View Right to win, Strategic choices made, Weaknesses and competitive threats) \*

### 13.1 INTRODUCTION

### 13.2 KEY PLAYERS

13.2.1 LEONARDO DRS

TABLE 187 LEONARDO DRS: BUSINESS OVERVIEW

TABLE 188 LEONARDO DRS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 189 LEONARDO DRS: PRODUCT LAUNCHES

TABLE 190 LEONARDO DRS: DEALS

### 13.2.2 COLLINS AEROSPACE

TABLE 191 COLLINS AEROSPACE: BUSINESS OVERVIEW

TABLE 192 COLLINS AEROSPACE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

### 13.2.3 TELEDYNE FLIR

TABLE 193 TELEDYNE FLIR: BUSINESS OVERVIEW

TABLE 194 TELEDYNE FLIR: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 195 TELEDYNE FLIR: DEALS

### 13.2.4 HENSOLDT

TABLE 196 HENSOLDT: BUSINESS OVERVIEW

FIGURE 48 HENSOLDT: COMPANY SNAPSHOT

TABLE 197 HENSOLDT: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 198 HENSOLDT: PRODUCT LAUNCHES

TABLE 199 HENSOLDT: DEALS

### 13.2.5 JAI

TABLE 200 JAI: BUSINESS OVERVIEW

TABLE 201 JAI: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 202 JAI: PRODUCT LAUNCHES

TABLE 203 JAI: DEALS

### 13.2.6 CUBERT GMBH

TABLE 204 CUBERT GMBH: BUSINESS OVERVIEW

TABLE 205 CUBERT GMBH: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 206 CUBERT GMBH: PRODUCT LAUNCHES

### 13.2.7 OCEAN INSIGHT

TABLE 207 OCEAN INSIGHT: BUSINESS OVERVIEW

TABLE 208 OCEAN INSIGHT: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 209 OCEAN INSIGHT: PRODUCT LAUNCHES

### 13.2.8 OPGAL OPTRONIC INDUSTRIES LTD.

TABLE 210 OPGAL OPTRONIC INDUSTRIES LTD.: BUSINESS OVERVIEW

TABLE 211 OPGAL OPTRONIC INDUSTRIES LTD.:

PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 212 OPGAL OPTRONIC INDUSTRIES LTD.: PRODUCT LAUNCHES

TABLE 213 OPGAL OPTRONIC INDUSTRIES LTD.: DEALS

### 13.2.9 TETRACAM INC.

TABLE 214 TETRACAM INC.: BUSINESS OVERVIEW

TABLE 215 TETRACAM INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

### 13.2.10 TELOPS INC.

TABLE 216 TELOPS INC.: BUSINESS OVERVIEW

TABLE 217 TELOPS INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

### 13.2.11 DJI

TABLE 218 DJI: BUSINESS OVERVIEW

TABLE 219 DJI: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 220 DJI: PRODUCT LAUNCHES

13.2.12 RAPTOR PHOTONICS LTD.

TABLE 221 RAPTOR PHOTONICS LTD.: BUSINESS OVERVIEW

TABLE 222 RAPTOR PHOTONICS LTD.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 223 RAPTOR PHOTONICS LTD.: PRODUCT LAUNCHES

13.2.13 HGH GROUP

TABLE 224 HGH GROUP.: BUSINESS OVERVIEW

TABLE 225 HGH GROUP.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

13.2.14 UNISPECTRAL

TABLE 226 UNISPECTRAL: BUSINESS OVERVIEW

TABLE 227 UNISPECTRAL: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 228 UNISPECTRAL: PRODUCT LAUNCHES

13.2.15 IBEROPTICS SISTEMAS

TABLE 229 IBEROPTICS SISTEMAS: BUSINESS OVERVIEW

TABLE 230 IBEROPTICS SISTEMAS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

13.2.16 SILIOS TECHNOLOGIES

TABLE 231 SILIOS TECHNOLOGIES: BUSINESS OVERVIEW

TABLE 232 SILIOS TECHNOLOGIES: PRODUCTS/SOLUTIONS/SERVICES OFFERED

13.2.17 PARAS AEROSPACE

TABLE 233 PARAS AEROSPACE: BUSINESS OVERVIEW

TABLE 234 PARAS AEROSPACE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

13.2.18 SPECTRAL DEVICES

TABLE 235 SPECTRAL DEVICES: BUSINESS OVERVIEW

TABLE 236 SPECTRAL DEVICES: PRODUCTS/SOLUTIONS/SERVICES OFFERED

13.3 OTHER PLAYERS

13.3.1 WINGTRA AG

TABLE 237 WINGTRA AG: BUSINESS OVERVIEW

13.3.2 SURFACE OPTICS CORPORATION

TABLE 238 SURFACE OPTICS CORPORATION: BUSINESS OVERVIEW

13.3.3 BAYSPEC INC.

TABLE 239 BAYSPEC INC.: BUSINESS OVERVIEW

13.3.4 HEADWALL PHOTONICS

TABLE 240 HEADWALL PHOTONICS: BUSINESS OVERVIEW

13.3.5 PHOTON ETC.



TABLE 241 PHOTON ETC.: BUSINESS OVERVIEW

13.3.6 XENICS NV

TABLE 242 XENICS NV: BUSINESS OVERVIEW

13.3.7 NEO AS

TABLE 243 NEO AS: BUSINESS OVERVIEW

\*Details on Business Overview, Products Offered, Recent Developments, MnM View, Right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.

## **14 APPENDIX**

14.1 DISCUSSION GUIDE

14.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

14.3 CUSTOMIZATION OPTIONS

14.4 RELATED REPORTS

14.5 AUTHOR DETAILS

## I would like to order

Product name: Multispectral Camera Market by Application (Defense, Commercial), End Use (Man-portable, Payloads), Cooling Technology (Cooled, Uncooled), Spectrum and Region (North America, Europe, Asia Pacific, Rest of the World) - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/M61D71958D8FEN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M61D71958D8FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970