

Remote Sensing Technology Market Size, Share & Trends Analysis Report By Technology (Active, Passive), By Application (Agriculture, Military, Disaster Management, Weather), By Platform, By Region, And Segment Forecasts, 2020 - 2027

<https://marketpublishers.com/r/R1BF18BF7E69EN.html>

Date: September 2020

Pages: 134

Price: US\$ 5,950.00 (Single User License)

ID: R1BF18BF7E69EN

Abstracts

This report can be delivered to the clients within 72 Business Hours

Remote Sensing Technology Market Growth & Trends

The global remote sensing technology market size is expected to reach USD 29.61 billion by 2027, expanding at a CAGR of 11.6% from 2020 to 2027, according to a study conducted by Grand View Research, Inc. Remote sensing technology is used to detect and monitor land and weather characteristics by measuring the reflected sunlight and emitted radiation from a satellite or an aircraft. Cameras fitted on the satellite and the aircraft to collect the remotely sensed images, which help organizations observe and analyze the land and forecast weather accordingly. The market is primarily driven by rising investments in earth observation projects. For instance, in August 2020, Indian earth observation startup Pixxel announced it raised investments worth USD 5 million for a constellation of Earth observation satellites.

The growing adoption of precision farming is expected to augment the market growth over the forecast period. The technology is used to identify crop conditions, determine the soil content such as moisture, and estimate the crop production. The health of crops is determined using remote sensing technology to reduce fertilizer usage, which reduces additional costs incurred by farmers. Moreover, the COVID-19 pandemic outbreak has led to the demand for remote sensing technology to monitor and curb the spread of the virus. The technology also helps to keep track of population concentration, determine mobility patterns, and document environmental changes.

The market comprises a high degree of competition due to the presence of numerous companies operating at the global level. These companies are focusing on enhancing their product portfolio to maintain and increase their market share. For instance, in October 2019, Hexagon AB announced the launch of its Power Portfolio which includes the latest version of remote sensing, Geographic Information System (GIS), and cartography products. The new versions have machine learning capabilities that help users address big data management issues.

Remote Sensing Technology Market Report Highlights

The passive remote sensing segment is anticipated to expand at the fastest CAGR exceeding 8% over the forecast period owing to the rising adoption of passive sensor technology in earth observation satellites

The military and intelligence segment held the largest market share of 32.25% in 2019. This share is attributed to the increasing usage of remote sensing technology for surveillance applications

The aerial systems segment is projected to expand at the fastest CAGR of over 8% during the forecast period due to the growing usage of UAVs for research and exploration applications

North America held the highest market share of 38.12% in 2019. This share is due to the increasing adoption of remote sensing technology in the U.S. for precision farming applications

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Scope & Assumptions
- 1.3. List of Data Sources
- 1.4. List of Abbreviations

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Remote Sensing Technology Market - Industry Snapshot & Key Buying Criteria, 2016 - 2027
- 2.2. Remote Sensing Technology Market, 2016 - 2027

CHAPTER 3. REMOTE SENSING TECHNOLOGY INDUSTRY OUTLOOK

- 3.1. Market Segmentation
- 3.2. Industry Value Chain Analysis
- 3.3. Market Dynamics
 - 3.3.1. Market driver analysis
 - 3.3.2. Market restraint/challenge analysis
 - 3.3.3. Market opportunity analysis
- 3.4. Penetration & Growth Prospects Mapping
- 3.5. Industry Analysis - Porter's Five Force Analysis
- 3.6. PEST Analysis

CHAPTER 4. REMOTE SENSING TECHNOLOGY MARKET: TECHNOLOGY OUTLOOK

- 4.1. Remote Sensing Technology Market Estimates & Forecasts, By Technology, 2019 & 2027 (USD Million)
- 4.2. Active Remote Sensing
 - 4.2.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
 - 4.2.2. Market estimates and forecasts, by region, 2016 - 2027 (USD Million)
- 4.3. Passive Remote Sensing
 - 4.3.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
 - 4.3.2. Market estimates and forecasts, by region, 2016 - 2027 (USD Million)

CHAPTER 5. REMOTE SENSING TECHNOLOGY MARKET: APPLICATION OUTLOOK

5.1. Remote Sensing Technology Market Estimates & Forecasts, By Application, 2019 & 2027 (USD Million)

5.2. Agriculture & Living Resources

5.2.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

5.2.2. Market estimates and forecasts, by region, 2016 - 2027 (USD Million)

5.3. Military & Intelligence

5.3.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

5.3.2. Market estimates and forecasts, by region, 2016 - 2027 (USD Million)

5.4. Disaster Management

5.4.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

5.4.2. Market estimates and forecasts, by region, 2016 - 2027 (USD Million)

5.5. Infrastructure

5.5.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

5.5.2. Market estimates and forecasts, by region, 2016 - 2027 (USD Million)

5.6. Weather

5.6.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

5.6.2. Market estimates and forecasts, by region, 2016 - 2027 (USD Million)

5.7. Others

5.7.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

5.7.2. Market estimates and forecasts, by region, 2016 - 2027 (USD Million)

CHAPTER 6. REMOTE SENSING TECHNOLOGY MARKET: PLATFORM OUTLOOK

6.1. Remote Sensing Technology Market Estimates & Forecasts, By Platform, 2019 & 2027 (USD Million)

6.2. Satellite

6.2.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

6.2.2. Market estimates and forecasts, by region, 2016 - 2027 (USD Million)

6.3. Aerial Systems

6.3.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

6.3.2. Market estimates and forecasts, by region, 2016 - 2027 (USD Million)

CHAPTER 7. REMOTE SENSING TECHNOLOGY MARKET: REGIONAL OUTLOOK

7.1. Remote Sensing Technology Market Estimates & Forecasts, By Region, 2019 & 2027 (USD Million)

7.2. North America

7.2.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

7.2.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)

7.2.3. Market estimates and forecasts, by enabled device, 2016 - 2027 (USD Million)

7.2.4. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)

7.2.5. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)

7.2.6. The U.S.

7.2.6.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

7.2.6.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)

7.2.6.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)

7.2.6.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)

7.2.7. Canada

7.2.7.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

7.2.7.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)

7.2.7.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)

7.2.7.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)

7.3. Europe

7.3.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

7.3.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)

7.3.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)

7.3.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)

7.3.5. The U.K.

7.3.5.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

7.3.5.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)

7.3.5.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)

7.3.5.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)

7.3.6. Germany

7.3.6.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

7.3.6.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)

7.3.6.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)

7.3.6.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)

7.3.7. France

7.3.7.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

7.3.7.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)

7.3.7.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)

7.3.7.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)

7.4. Asia Pacific

7.4.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

7.4.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)

- 7.4.3. Market estimates and forecasts, by enabled device, 2016 - 2027 (USD Million)
- 7.4.4. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)
- 7.4.5. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)
- 7.4.6. China
 - 7.4.6.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
 - 7.4.6.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)
 - 7.4.6.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)
 - 7.4.6.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)
- 7.4.7. India
 - 7.4.7.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
 - 7.4.7.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)
 - 7.4.7.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)
 - 7.4.7.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)
- 7.4.8. Japan
 - 7.4.8.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
 - 7.4.8.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)
 - 7.4.8.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)
 - 7.4.8.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)
- 7.5. Latin America
 - 7.5.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
 - 7.5.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)
 - 7.5.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)
 - 7.5.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)
- 7.5.5. Brazil
 - 7.5.5.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
 - 7.5.5.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)
 - 7.5.5.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)
 - 7.5.5.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)
- 7.5.6. Mexico
 - 7.5.6.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
 - 7.5.6.2. Market estimates and forecasts, by technology, 2016 - 2027 (USD Million)
 - 7.5.6.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)
 - 7.5.6.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)
- 7.6. The Middle East & Africa
 - 7.6.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
 - 7.6.2. Market estimates and forecasts, by technology 2016 - 2027 (USD Million)
 - 7.6.3. Market estimates and forecasts, by application, 2016 - 2027 (USD Million)
 - 7.6.4. Market estimates and forecasts, by platform, 2016 - 2027 (USD Million)

CHAPTER 8. COMPETITIVE LANDSCAPE

8.1. DigitalGlobe

- 8.1.1. Company overview
- 8.1.2. Financial performance
- 8.1.3. Product benchmarking
- 8.1.4. Recent developments

8.2. Esri

- 8.2.1. Company overview
- 8.2.2. Financial performance
- 8.2.3. Product benchmarking
- 8.2.4. Recent developments

8.3. General Dynamics Mission Systems, Inc.

- 8.3.1. Company overview
- 8.3.2. Financial performance
- 8.3.3. Product benchmarking
- 8.3.4. Recent developments

8.4. Hexagon AB

- 8.4.1. Company overview
- 8.4.2. Financial performance
- 8.4.3. Product benchmarking
- 8.4.4. Recent developments

8.5. Lockheed Martin Corporation

- 8.5.1. Company overview
- 8.5.2. Financial performance
- 8.5.3. Product benchmarking
- 8.5.4. Recent developments

8.6. Orbital Insight

- 8.6.1. Company overview
- 8.6.2. Financial performance
- 8.6.3. Product benchmarking
- 8.6.4. Recent developments

8.7. Planet Labs Inc.

- 8.7.1. Company overview
- 8.7.2. Financial performance
- 8.7.3. Product benchmarking
- 8.7.4. Recent developments

8.8. Raytheon Technologies Corporation

- 8.8.1. Company overview

- 8.8.2. Financial performance
- 8.8.3. Product benchmarking
- 8.8.4. Recent developments
- 8.9. Teledyne Technologies
 - 8.9.1. Company overview
 - 8.9.2. Financial performance
 - 8.9.3. Product benchmarking
 - 8.9.4. Recent developments
- 8.10. UrtheCast
 - 8.10.1. Company overview
 - 8.10.2. Financial performance
 - 8.10.3. Product benchmarking
 - 8.10.4. Recent developments

List Of Tables

LIST OF TABLES

- TABLE 1 Global remote sensing technology market, 2016 - 2027 (USD Million)
- TABLE 2 Global remote sensing technology market, by technology, 2016 - 2027 (USD Million)
- TABLE 3 Global remote sensing technology market, by application, 2016 - 2027 (USD Million)
- TABLE 4 Global remote sensing technology market, by platform, 2016 - 2027 (USD Million)
- TABLE 5 Global remote sensing technology market, by region, 2016 - 2027 (USD Million)
- TABLE 6 Active remote sensing market, 2016 - 2027 (USD Million)
- TABLE 7 Active remote sensing market by region, 2016 - 2027 (USD Million)
- TABLE 8 Passive remote sensing market, 2016 - 2027 (USD Million)
- TABLE 9 Passive remote sensing market by region, 2016 - 2027 (USD Million)
- TABLE 10 Application market, 2016 - 2027 (USD Million)
- TABLE 11 Application market by region, 2016 - 2027 (USD Million)
- TABLE 12 Agriculture & living resources market, 2016 - 2027 (USD Million)
- TABLE 13 Agriculture & living resources market by region, 2016 - 2027 (USD Million)
- TABLE 14 Military & Intelligence market, 2016 - 2027 (USD Million)
- TABLE 15 Military & Intelligence market by region, 2016 - 2027 (USD Million)
- TABLE 16 Disaster management market, 2016 - 2027 (USD Million)
- TABLE 17 Disaster management market by region, 2016 - 2027 (USD Million)
- TABLE 18 Infrastructure market, 2016 - 2027 (USD Million)
- TABLE 19 Infrastructure market by region, 2016 - 2027 (USD Million)
- TABLE 20 Weather market, 2016 - 2027 (USD Million)
- TABLE 21 Weather market by region, 2016 - 2027 (USD Million)
- TABLE 22 Others market, 2016 - 2027 (USD Million)
- TABLE 23 Others market by region, 2016 - 2027 (USD Million)
- TABLE 24 Satellite market, 2016 - 2027 (USD Million)
- TABLE 25 Satellite market by region, 2016 - 2027 (USD Million)
- TABLE 26 Aerial Systems market, 2016 - 2027 (USD Million)
- TABLE 27 Aerial Systems market by region, 2016 - 2027 (USD Million)
- TABLE 24 North America remote sensing technology market by technology, 2016 - 2027 (USD Million)
- TABLE 25 North America remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 26 North America remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 27 The U.S. remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 26 The U.S. remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 27 The U.S. remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 28 Canada remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 29 Canada remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 30 Canada remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 31 Europe remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 32 Europe remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 33 Europe remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 34 The U.K. remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 35 The U.K. remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 36 The U.K. remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 37 Germany remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 38 Germany remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 39 Germany remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 40 France remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 41 France remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 42 France remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 43 Asia Pacific remote sensing technology market by technology, 2016 - 2027

(USD Million)

TABLE 44 Asia Pacific remote sensing technology market by application, 2016 - 2027

(USD Million)

TABLE 45 Asia Pacific remote sensing technology market by platform, 2016 - 2027

(USD Million)

TABLE 46 China remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 47 China remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 48 China remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 49 India remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 50 India remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 51 Japan remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 52 Japan remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 53 Japan remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 54 Latin America remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 55 Latin America remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 56 Latin America remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 57 Brazil remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 58 Brazil remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 59 Brazil remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 60 Mexico remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 61 Mexico remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 62 Mexico remote sensing technology market by platform, 2016 - 2027 (USD Million)

TABLE 63 MEA remote sensing technology market by technology, 2016 - 2027 (USD Million)

TABLE 64 MEA remote sensing technology market by application, 2016 - 2027 (USD Million)

TABLE 65 MEA remote sensing technology market by platform, 2016 - 2027 (USD Million)?

List Of Figures

LIST OF FIGURES

- FIG. 1 Research process
- FIG. 2 Information procurement
- FIG. 3 Remote Sensing Technology regional marketplace: Key takeaways
- FIG. 4 Remote Sensing Technology Market - Trends & outlook
- FIG. 5 Remote Sensing Technology - Market segmentation & scope
- FIG. 6 Remote Sensing Technology - Market size and growth prospects (USD Million)
- FIG. 7 Remote Sensing Technology - Value chain analysis
- FIG. 8 Remote Sensing Technology - Market dynamics
- FIG. 9 Remote Sensing Technology - Market driver relevance analysis (Current & future impact)
- FIG. 10 Remote Sensing Technology - Market restraint/challenge relevance analysis (Current & future impact)
- FIG. 11 Remote Sensing Technology - Market opportunity relevance analysis (Current & future impact)
- FIG. 12 Remote Sensing Technology - Porter's analysis
- FIG. 13 Remote Sensing Technology - Company market share analysis, 2019
- FIG. 14 Remote Sensing Technology - PEST analysis
- FIG. 15 Remote Sensing Technology market - Key technology analysis
- FIG. 16 Global Remote Sensing Technology technology outlook, 2019 & 2027
- FIG. 17 Remote Sensing Technology market technology outlook key takeaways
- FIG. 18 Remote Sensing Technology market - Key application analysis
- FIG. 19 Global Remote Sensing Technology application outlook, 2019 & 2027
- FIG. 20 Remote Sensing Technology market application outlook key takeaways
- FIG. 21 Global Remote Sensing Technology regional outlook, 2019 & 2027
- FIG. 22 Global Remote Sensing Technology platform outlook, 2019 & 2027
- FIG. 23 Remote Sensing Technology market platform outlook key takeaways
- FIG. 24 Global Remote Sensing Technology regional outlook, 2019 & 2027
- FIG. 25 North America Remote Sensing Technology market - Key takeaways
- FIG. 26 North America Remote Sensing Technology market analysis
- FIG. 27 Europe Remote Sensing Technology market - Key takeaways
- FIG. 28 Europe Remote Sensing Technology market analysis
- FIG. 29 Asia Pacific Remote Sensing Technology market - Key takeaways
- FIG. 30 Asia Pacific Remote Sensing Technology market analysis
- FIG. 31 Latin America Remote Sensing Technology market - Key takeaways
- FIG. 32 Latin America Remote Sensing Technology market analysis

FIG. 33 Middle East & Africa (MEA) Remote Sensing Technology market - Key takeaways

I would like to order

Product name: Remote Sensing Technology Market Size, Share & Trends Analysis Report By Technology (Active, Passive), By Application (Agriculture, Military, Disaster Management, Weather), By Platform, By Region, And Segment Forecasts, 2020 - 2027

Product link: <https://marketpublishers.com/r/R1BF18BF7E69EN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/R1BF18BF7E69EN.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