

North America Remote Sensing Technology Market By Technology (Active and Passive), By Platform (Aerial Systems and Satellite), By End User (Military & Intelligence, Weather, Disaster Management, Agriculture & Living Resources, Infrastructure and Others), By Country, Industry Analysis and Forecast, 2020 - 2026

<https://marketpublishers.com/r/N9CEE2F5C983EN.html>

Date: November 2020

Pages: 100

Price: US\$ 1,500.00 (Single User License)

ID: N9CEE2F5C983EN

Abstracts

The North America Remote Sensing Technology Market would witness market growth of 8.3% CAGR during the forecast period (2020-2026).

Remote sensing can be considered as the achievement of data about an article or phenomenon, with no physical contact with that object. The technologies of remote sensing are segmented into passive remote sensing and active remote sensing; active remote sensing depends on normally reflected or transmitted energy of the imaged surface. Numerous remote sensing tools fall into this class, getting pictures of noticeable, near-infrared, and thermal infrared energy. The active remote sensing portrays that the sensor gives its own brightening and calculates its input. The remote sensing technologies that utilize active remote sensing incorporate laser and radar. The important drivers of the remote sensing technology market are the capacity to acquire measurements anytime, paying little heed to the day or season. The mounting demand for autonomous vehicles in which this innovation is coordinated to sensing framework is developing growth opportunities which will expand the demand for remote sensing technology market in the forecast period. The market is probably going to create opportunities for the undiscovered business sectors and developing awareness among the clients.

One of the key elements impacting this development incorporates the need to enhance the understanding of the earth's systems. This innovation is seeing expanding adoption of remote sensors in various businesses; however, intricacy in data interpretation is a test to the development of this market. The dependence of passive remote sensing on natural light for the detection of radiation from an item; however, active remote sensors have the benefit of gathering data at any time during the day or night. It is because they have their own source of energy. Active remote sensing technology is famously utilized in lasers and radars. Instances of passive remote sensing technology incorporate infrared, charge coupled gadgets, photography, and radiometers.

Based on Technology, the market is segmented into Active and Passive. Based on Platform, the market is segmented into Aerial Systems and Satellite. Based on End User, the market is segmented into Military & Intelligence, Weather, Disaster Management, Agriculture & Living Resources, Infrastructure and Others. Based on countries, the market is segmented into U.S., Mexico, Canada, and Rest of North America.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Maxar Technologies, Inc. (DigitalGlobe, Inc.), General Dynamics Corporation, Hexagon AB, Lockheed Martin Corporation, Planet Labs, Inc., Teledyne Technologies, Inc. (Teledyne DALSA, Inc.), UrtheCast Corporation, Honeywell International, Inc., Thales Group S.A., and Northrop Grumman Corporation.

Scope of the Study

Market Segmentation:

By Technology

Active

Passive

By Platform

Aerial Systems

Satellite

By End User

Military & Intelligence

Weather

Disaster Management

Agriculture & Living Resources

Infrastructure

Others

By Country

US

Canada

Mexico

Rest of North America

Companies Profiled

Maxar Technologies, Inc. (DigitalGlobe, Inc.)

General Dynamics Corporation

Hexagon AB

Lockheed Martin Corporation

Planet Labs, Inc.

Teledyne Technologies, Inc. (Teledyne DALSA, Inc.)

UrtheCast Corporation

Honeywell International, Inc.

Thales Group S.A.

Northrop Grumman Corporation

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