

Small Satellite Market Forecasts to 2028 – Global Analysis By Mission Type (Constellation, Installation and Others), Satellite Mass, Frequency, N GEO, Subsystem, Investor Type, Industry, Application, End User and By Geography

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Abstracts

According to Statistics MRC, the Global Small Satellite Market is accounted for \$2.80 billion in 2020 and is expected to reach \$10.89 billion by 2028 growing at a CAGR of 18.5% during the forecast period. Growing demand for earth observation imagery and analytics, economically feasible than conventional satellites and rise in the number of space exploration missions are driving the market growth. However, government policies in few regions are hampering the growth of the market.

Small satellites are alternatives at low-cost which have allowed educational institutions, non-profit groups and commercial enterprises to conduct missions in low-Earth orbit. These small satellites make it possible to conduct a variety of scientific investigations and technological demonstrations in orbit at a low cost, in a timely manner, and with relative ease.

Based on the subsystem, the payloads segment is going to have lucrative growth during the forecast period which can be attributed to their specific technology for each mission. Moreover, payloads cater to a wide range of applications which boosts the growth of the market.

By geography, North America is going to have high growth during the forecast period as it is the region with the highest adoption of small satellites and providing great opportunities for the growth of the market. The demand in the region is due to the growing digitalization across industries.

Some of the key players profiled in the Small Satellite Market include Adcole Maryland Aerospace LLC, Blue Canyon Technologies Inc., GomSpace Group AB, Kepler Communications Inc., L3Harris Technologies Inc., Millennium Space Systems Inc., Northrop Grumman Corporation, Planet Labs Inc., Sierra Nevada Corporation, Singapore Technologies Engineering Ltd, Space Exploration Technologies Corp., Spire Global Inc., Surrey Satellite Technology Ltd (Airbus SE), Swarm Technologies, Inc. and Thales Alenia Space.

Mission Types Covered:

Constellation Missions

Installation Missions

Replacement Missions

Satellite Masses Covered:

Cubesat (0.25u-27u)

Microsatellite (10-100kg)

Minisatellite (100-500kg)

Nanosatellite (1-10kg)

Other Satellite Masses

Frequencies Covered:

C-band

High Frequency (HF)/Very High Frequency (VHF)/Ultra High Frequency (UHF)
Band

Ka-band

Ku-band

L-band

Q/V-band

S-band

X-band

Non-Geostationary Earth Orbits (NGEOs) Covered:

Low Earth Orbit (LEO) High Throughput Satellites

Medium Earth Orbit (MEO) High Throughput Satellites

Traditional Low Earth Orbit (LEO) and Medium Earth Orbit (MEO) Satellites

Subsystems Covered:

Satellite Bus

Payloads

Solar Panels

Satellite Antennas

Investor Types Covered:

Crowdfunding

Government/Foundation

Public/Private

Strategic/Private Equity

Traditional Investment

Venture Capital

Industries Covered:

Ground Equipment

Launch Vehicles

Satellite Manufacturing

Satellite Services

Applications Covered:

Communication

Earth Observation and Remote Sensing

Internet of Things (IoT)/Machine to Machine (M2M)

Mapping & Navigation

Meteorology

Scientific Research & Exploration

Space Observation

Surveillance & Security

Technology Development

End Users Covered:

Commercial

Government & Defense

Civil

Dual Use (Commercial, Government & Military)

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2018, 2019, 2020, 2024 and 2027

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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