

Global Sunshine Sensor Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Sunshine Sensor market size was valued at US\$ 29.4 million in 2024 and is forecast to a readjusted size of USD 35.5 million by 2031 with a CAGR of 2.7% during review period.

A sun sensor is a navigational instrument used by spacecraft to detect the position of the sun. Sun sensors are used for attitude control, solar array pointing, gyro updating, and fail-safe recovery. There are various types of sun sensors, which differ in their technology and performance characteristics. Sun presence sensors provide a binary output, indicating when the sun is within the sensor's field of view. Analog and digital sun sensors, in contrast, indicate the angle of the sun by continuous and discrete signal outputs, respectively. This report studies the sun sensor in space market.

The main global Sun Sensor players include Bradford Space, NewSpace Systems, Adcole Space, GOMSpace, Space Micro, etc. The top five Sun Sensor players account for approximately 13% of the total global market. North America is the world's largest consumer market for Sun Sensor, accounting for about 73%, followed by Europe and Asia-Pacific. In terms of type, Coarse Analog Sun Sensors is the largest segment, with a share about 56%. And in terms of application, the largest application is LEO, followed by GEO.

This report is a detailed and comprehensive analysis for global Sunshine Sensor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and

product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Sunshine Sensor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Sunshine Sensor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Sunshine Sensor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Sunshine Sensor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Sunshine Sensor

To forecast future growth in each product and end-use market

To forecast future factors affecting the marketplace

This report profiles key players in the global Sunshine Sensor market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Delta-T Devices, Kipp & Zonen, Rika Sensors, NovaLynx Corporation, MPS System, GEONICA, Felix Technology Inc., EKO Instruments, Solare Datensysteme GmbH, Xi'an Fengdian Yunyi Electric Technology Co., Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Sunshine Sensor market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Silicon Cell Type

Thermopile Type

Market segment by Application

Meteorology Research

Aerospace

Agriculture

Construction

Others

Major players covered

Delta-T Devices

Kipp & Zonen

Rika Sensors

NovaLynx Corporation

MPS System

GEONICA

Felix Technology Inc.

EKO Instruments

Solare Datensysteme GmbH

Xi'an Fengdian Yunyi Electric Technology Co., Ltd.

Hukseflux

Apogee Instruments

NRG Systems

Skye Instruments

Met One Instruments

SOMMER Messtechnik GmbH

Capetti Elettronica

Delta OHM

Meter Group

Seven Solar

Ready+Micros

Solar MEMS Technologies

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East)

& Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Sunshine Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Sunshine Sensor, with price, sales quantity, revenue, and global market share of Sunshine Sensor from 2020 to 2025.

Chapter 3, the Sunshine Sensor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Sunshine Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Sunshine Sensor market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Sunshine Sensor.

Chapter 14 and 15, to describe Sunshine Sensor sales channel, distributors, customers, research findings and conclusion.

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