

Three-dimensional Vision Measurement System Market - Global Outlook and Forecast 2022-2028

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Abstracts

Two-dimensional vision measurement uses a single camera to measure the position of the target in a specific plane. In two-dimensional vision measurement, because the distance between the camera and the measurement plane is fixed, its application is greatly restricted, and the three-dimensional vision measurement will be applied accordingly. Born. Compared with two-dimensional image information, three-dimensional information can more comprehensively and truly reflect objective objects and provide a greater amount of information. In recent years, various technologies have been applied to three-dimensional information measurement, thus forming various three-dimensional measurement systems. After decades of development, the three-dimensional vision measurement system has a relatively mature theoretical and technical foundation, and production practices continue to prove that this type of system is easy to operate, highly adaptable, and highly accurate.

This report contains market size and forecasts of Three-dimensional Vision Measurement System in Global, including the following market information:

Global Three-dimensional Vision Measurement System Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Three-dimensional Vision Measurement System market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$

Million by 2028.

Photogrammetry Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Three-dimensional Vision Measurement System include XTOP, POMEAS, Topcon, Trimble Navigation, Perceptron, Hexagon, Faro Technologies and GOM, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Three-dimensional Vision Measurement System companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Three-dimensional Vision Measurement System Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Three-dimensional Vision Measurement System Market Segment Percentages, by Type, 2021 (%)

Photogrammetry

Time-of-flight Method

Triangulation

Projection Fringe Method

Imaging Plane Positioning Method

Interferometry

Global Three-dimensional Vision Measurement System Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Three-dimensional Vision Measurement System Market Segment Percentages,

by Application, 2021 (%)

Scientific Research

Medical Diagnosis

Engineering Design

Trace Analysis of Criminal Investigation Scene

Automatic Online Detection

Quality Control

Robotics

Other

Global Three-dimensional Vision Measurement System Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Three-dimensional Vision Measurement System Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Three-dimensional Vision Measurement System revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Three-dimensional Vision Measurement System revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

XTOP

POMEAS

Topcon

Trimble Navigation

Perceptron

Hexagon

Faro Technologies

GOM

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