

# Europe 3D Measurement Sensors in Logistics Market Forecast to 2028 - Regional Analysis - by Type (Image Sensors, Position Sensors, Acoustic Sensors, Others) and Technology (Stereo Vision, Structured Light, Laser Light, Others)

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## Abstracts

The Europe 3D measurement sensors in logistics market is expected to grow from US\$ 35.58 million in 2022 to US\$ 71.47 million by 2030. It is estimated to grow at a CAGR of 9.1% from 2022 to 2030.

### Growing Automation in Logistics Industry Fuel Europe 3D Measurement Sensors in Logistics Market

The logistics industry has grown tremendously due to the growing e-commerce industry. According to the International Air Transport Association, in 2021, 2.14 billion people shopped online, which is ~27.6% of the world's population. Similarly, other countries are also registering tremendous growth in the logistics sector. In Europe, Germany is the largest logistics market offering easy access and transportation to over 500 million consumers. As Germany is the geographic center of Europe, it is an ideal location for logistics hubs and distribution centers in the region. The logistics industry of Germany serves ~82 million German population, 150 million consumers in its nine neighbouring countries, and nearly 500 million European residents. Therefore, the growing logistics worldwide is propelling the growth of the Europe 3D measurement sensors in logistics market.

### Europe 3D Measurement Sensors in Logistics Market Overview

The 3D measurement sensors in logistics market in Europe is segmented into

Germany, France, Italy, the UK, Russia, and the Rest of Europe. The automation of old warehouses or the construction of new automated warehouses is growing in Europe to increase productivity and capabilities. For instance, in November 2020, Henkel AG & Co. KGaA announced the opening of its fully automated Laundry & Home Care warehouse at its production facility in Spain. For this project, the company invested ~US\$ 26.10 million (EUR 22 million) in its 24,000 square meter warehouse, which will be a major logistics hub for Southern Europe. The facility consists of three different areas, out of which the first area is fully automated with the capacity to store 21,000 pallets. The second area is the conventional area which can store up to 14,000 pallets. The third area is intended for largely automated picking and co-packing tasks and will have the capacity to move more than 7 million product units per year. Similarly, in February 2023, Helios Technologies, Inc., a global leader in highly engineered motion control and electronic controls technology, announced that it has opened a new automated warehouse at its operating company, Faster S.r.l., located in Italy. This advanced facility measures 2,100 square meters, has a capacity for 6,900 pallets, and can service up to 190 pallets per hour. The growing automation of warehouses is increasing the demand for autonomous solutions such as robots and 3D cameras in the region. This increasing demand is pushing market players to develop advanced solutions. In March 2023, Schmersal Group showcased a 3D camera for the automated acquisition of digital process data in real-time at the Hannover Messe 2023. This new AM-T100 is a Time-of-Flight (ToF) camera, which uses a Sony Depth Sense sensor to create 3D depth images with millimeter accuracy. The ToF technology provides a runtime measurement of emitted light pulses in the infrared range that is reflected from the objects being captured. This helps in the high-speed creation of a 3D image with millimeter accuracy available as a point cloud. Thus, growing warehouse automation and increasing innovation by the market players are propelling the growth of the 3D measurement sensors in logistics market in Europe.

Europe 3D Measurement Sensors in Logistics Market Revenue and Forecast to 2030 (US\$ Million)

Europe 3D Measurement Sensors in Logistics Market Segmentation

The Europe 3D measurement sensors in logistics market is segmented into type, application, and country.

Based on type, the Europe 3D measurement sensors in logistics market is segmented into image sensors, position sensors, acoustic sensors, and others. The image sensors segment held a largest share of the Europe 3D measurement sensors in logistics

market in 2022.

Based on application, the Europe 3D measurement sensors in logistics market is segmented into technology, stereo vision, structured light, laser light, and others. The structured light segment held the largest share of the Europe 3D measurement sensors in logistics market in 2022.

Based on country, the Europe 3D measurement sensors in logistics market is segmented into France, Germany, the UK, Italy, Russia, and the Rest of Europe. Germany dominated the Europe 3D measurement sensors in logistics market in 2022.

Micro-Epsilon Messtechnik GmbH & Co KG, Infineon Technologies AG, Cognex Corp, ifm Electronic GmbH, Intel Corp, Keyence Corp, OMRON Corp, and Sick AG are some of the leading companies operating in the Europe 3D measurement sensors in logistics market.

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