

Global Biometric Sensor Market Size study & Forecast, by Type (Capacitive Sensors, Optical Sensors, Thermal Sensors, Ultrasound Sensors, Electric Field Sensors), by Application (Voice Scan, Finger Scan, Hand Scan, Facial Scan, Iris Scan, Vein Scan, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Biometric Sensor Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. A biometric sensor turns an individual's visage, fingerprint, voice, and other biometric traits into an electrical output. With the aid of specialized hardware, such sensors are used to verify, identify, and authenticate identification via biometric technology. As their small size, biometric sensors are simple to put in gadgets. The major driving factor for the Global Biometric Sensor Market are rising demand for smartphones and growing application of biometric sensor. Moreover, rising initiatives by the key market players and rising digitalization is creating lucrative growth opportunity for the market over the forecast period 2022-2029.

According to a survey conducted by the Biometrics Institute in June 2021 with 360 respondents from around the world, 56% of respondents from Europe support strict biometrics laws. One important factor driving the expansion of fingerprint sensors is the rising popularity of devices with fingerprint sensors. For instance, according to counterpoint, the shipment of smartphones like Samsung accounted for roughly 77 million units worldwide in the first quarter of 2021, while massive quantities of iPhones accounted for 57 million. However, the high cost of Biometric Sensor stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Biometric Sensor Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2021, Asia Pacific is the fastest growing region and accounts for major share of global share in the same year, and it is anticipated that this percentage will steadily rise over the following ten years. Asia Pacific has become the dominant area in the world's biometric sensing market as a result of the presence of important component manufacturers in nations like Taiwan and China. Regulations governing the collection, use, and disposal of such private information by organizations have been established by governments of various nations and states, but the specifics of these laws vary greatly across areas.

Major market player included in this report are:

CROSSMATCH Technologies Inc.

Fujitsu

Fulcrum Biometrics

Thales Group

IDEX ASA

Infineon Technologies

NEC Corporation

Precise Biometrics AB

SAFRAN S.A.

ZKTECO Inc.

Recent Developments in the Market:

Cognitec Systems joined forces with face detection specialist SALTO Group in March 2022. By developing novel technologies with SALTO group, Cognitec Systems will grow its biometric market. Through this partnership, SALTO will be able to expand its market reach and improve its research and development department.

The first smartphone with a super-fast fingerprint enrollment procedure that unlocks the phone in 0.2 seconds was released by Vivo in January 2022.

Global Biometric Sensor Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working

hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Capacitive Sensors

Optical Sensors

Thermal Sensors

Ultrasound Sensors

Electric Field Sensors

By Application:

Voice Scan

Finger Scan

Hand Scan

Facial Scan

Iris Scan

Vein Scan

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

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