

Fingerprint Sensor Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Market Report | 2023-05-29 | 175 pages | IMARC Group

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Report description:

Market Overview:

The global fingerprint sensor market size reached US\$ 6.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 13.7 Billion by 2028, exhibiting a growth rate (CAGR) of 14.2% during 2023-2028.

A fingerprint sensor is a component of the biometric security system that scans an individual's fingerprints, which are then used to authenticate their identity. It captures high contrast fingerprint images and converts them into digital code and stores as fingerprint minutiae. The fingerprint sensor is fast, reliable, convenient, cost-effective and can be seamlessly integrated into different devices. As a result, it finds application in the consumer electronics, government and law enforcement, aerospace, healthcare, defense and military, and banking, financial services and insurance (BFSI), travel and immigration sectors across the globe.

The increasing instances of security breaches in various industries are driving the sales of fingerprint sensors. These devices are employed to strengthen the authentication process and provide secure access control to numerous facilities and IT systems. Apart from this, these sensors are gaining widespread adoption in digitizing time and attendance systems in corporate and government organizations worldwide. Furthermore, due to the growing trend of automation, fingerprint sensors are extensively being integrated into smartphones, wearables and modern vehicles to launch engine operations and unlock phones, applications and door locks. Besides this, the leading market players are incorporating advanced technologies, such as artificial intelligence (AI), to increase the accuracy of the authentication process and provide a personalized user experience, which, in turn, is strengthening the market growth. However, the market is negatively impacted by the sudden outbreak of the coronavirus disease (COVID-19) and the consequent lockdowns declared by the governing agencies of different countries. The market is anticipated to revive once normalcy is regained.

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Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global fingerprint sensor market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, technology and application.

Breakup by Type:

- Area and Touch Sensors

- Swipe Sensors

-

Breakup by Technology:

- Capacitive

- Optical

- Thermal

- Others

-

Breakup by Application:

- Consumer Electronics

- Government and Law Enforcement

- Military, Defense and Aerospace

- Travel and Immigration

- Banking and Finance

- Healthcare

- Smart Homes

- Others

-

Breakup by Region:

- North America

-

- United States

- Canada

-

- Asia Pacific

-

- China

- Japan

- India

- South Korea

- Australia

- Indonesia

- Others

-

- Europe

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-
- Germany
- France
- United Kingdom
- Italy
- Spain
- Russia
- Others
-
- Latin America
-
- Brazil
- Mexico
- Others
-
- Middle East and Africa
-
- Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being 3M Cogent Inc., Anviz Global Inc., Apple Inc., BIO-Key International Inc., Egis Technology Inc, Fingerprint Cards AB, IDEMIA (Advent International Corporation), Idex Biometrics ASA, M2SYS Technology, Next Biometrics Group ASA, NEC Corporation, Qualcomm Technologies Inc., Shenzhen Goodix Technology Co. Ltd., Sonavation Inc., Synaptics Incorporated and Vkansee Technology Inc.

Key Questions Answered in This Report

1. What is the size of the global fingerprint sensor market?
2. What has been the impact of COVID-19 on the global fingerprint sensor market?
3. What is the expected growth rate of the global fingerprint sensor market?
4. What are the key factors driving the global fingerprint sensor market?
5. What is the breakup of the global fingerprint sensor market based on the type?
6. What is the breakup of the global fingerprint sensor market based on the technology?
7. What are the key regions in the global fingerprint sensor market?
8. Who are the key players/companies in the global fingerprint sensor market?

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