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Finger Print Sensors - Global Market Outlook (2017-2026)

https://marketpublishers.com/r/F47C5B33F37EN.html
Date: July 2018
Pages: 178
Price: US$ 4,150.00 (Single User License)
ID: F47C5B33F37EN

Abstracts

According to Stratistics MRC, the Global Fingerprint Sensors market is accounted for $3.17 billion in 2017 and is expected to reach $14.61 billion by 2026 growing at a CAGR of 18.5%. Factors such as growing demand for fingerprint sensors in security checks in airports, government support for the adoption of fingerprint sensors, use of biometrics in mobile commerce and fast growth in electronic devices are fueling the market growth. However, lack of awareness on security fundamentals and efficiency and reliability of fingerprint sensors are hampering the market.

A fingerprint sensor is a biometric security device that combines hardware and software techniques to identify the fingerprint scans of an individual to identify and authenticate an individual to, ultimately, grant or deny access to a computer system or a physical facility. Fingerprints provide reliable, fast and easy access to personal contact details, payment information, mails, location data and other form of encrypted data to authenticated person. Fingerprint sensors are used to offer authentication and authorization to the individual. It captures extract biological features of the finger prints in the form of the live scan and compares it with existing biometric template stored in the database.

Based on application, the banking and finance application is likely to have steady growth during the predicted period due to the use of biometric smart cards in backs and finance-related organizations. In the near future, many companies are anticipated to play a chief role in the market for smart cards, which can be used as payment cards. In terms of geography, Asia Pacific is likely to grow at the highest CAGR during the forecast period. The rise in disposable income has impelled to the rise in the demand and use of smartphones and laptops, which, in turn, has improved the growth of market in this region.

Some of the key players in the Fingerprint Sensors market include 3M Cogent Inc., Apple Inc., NEC Corporation, Ekey Biometric Systems, Integrated Biometrics, Inc, Dermalog Identification Systems GmbH, Silead Inc., Egis Technology Inc., Crossmatch, Synaptics, Interlink Electronics, Safran Identity & Security (Morpho), Fingerprint Cards AB, Infineon Technologies AG, Goodix Ltd, Suprema Inc., Idex ASA, Next Biometrics, Bio-Key International and Touch Biometrix.

Materials Covered:

- Adhesives
- Optical Prism
- Pyroelectric Material (Lithium Tantalate)
- Sapphire (Coating Material)
- Piezoelectric Material (Quartz)
- Other Materials

Technologies Covered

- Capacitive Sensors
- Ultrasound Sensors
- RF Capacitive Sensing
- Optical Sensors
- Thermal Sensors
- Other Technologies

Sensor Types Covered

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- Swipe Sensor
- Touch Sensor
- Area Sensor

Applications Covered

- Military, Defense & Aerospace
- Smart Homes
- Mobile Devices
- Commercial Security
- Travel & Migration
- Banking & Finance
- Government & Law Enforcement
- Healthcare

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany

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- UK
- Italy
- France
- Spain
- Rest of Europe

Asia Pacific

- Japan
- China
- India
- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

- Argentina
- Brazil
- Chile
- Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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