

## **Fingerprint Sensor Market Report and Forecast 2025-2034**

Market Report | 2025-08-11 | 173 pages | EMR Inc.

### **AVAILABLE LICENSES:**

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

### **Report description:**

The global fingerprint sensor market attained a value of about USD 5.59 Billion in 2024. The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 15.80% to reach nearly USD 24.24 Billion by 2034.

Rising use of Consumer Electronics is Expected to Aid the Market Growth of Fingerprint Sensor

The onset of the coronavirus outbreak has led to a spike in online consumers as the global population stayed indoors to contain the virus. As a result, there is a rise in consumer electronics. With these devices come the requirement of authentication and the use of fingerprint sensors for security purposes and the safety of the content in these devices. This has boosted the fingerprint sensor industry. Further, as people now prefer contactless mode of payments to safeguard against COVID-19, the demand for fingerprint sensor is increasing. Emerging trends toward IoT based biometric technology and mounting adoption of in-display fingerprint sensors in smartphones are expected to create lucrative opportunities in the industry. In short, with digitalisation there is a boom in the market of fingerprint sensor.

Fingerprint Sensor: Market Segmentation

Fingerprint sensor basically is a sub-division of biometric authentication, which mainly caters to the security purposes for various domains and industries. Since everyone has a different ridge of fingers, a fingerprint is unique and durable over a person's lifetime, due to which it plays a vital role in security of critical information.

The industry is divided on the basis of types into:

- FAP 10
- FAP 20
- FAP 30

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

On the basis of end uses, the industry is segmented into:

- Banking and Finance
- Government and Law Enforcement
- Commercial
- Others

The EMR report looks into the regional markets of fingerprint sensor like:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Growing use of Fingerprint Sensor in Government Sector to Cater to the Industry Growth

With innovation and more user-friendly forms of the fingerprint sensor, the industry is further growing. There is growth in various end use sectors, which utilises different forms of fingerprint biometrics, consequently aiding the market growth. The sectors like government agencies, which are using fingerprint sensor, find it hassle-free and convenient with less paperwork and better results, thereby providing impetus to the market growth. Further, the widespread use of fingerprint sensor-based biometric systems by governments and law enforcement agencies for improving security is strengthening the market growth. Moreover, the growing adoption of biometric-based time and attendance systems in corporate and government organisations for measuring hours of service for workers and productivity, supports the market growth. With the government shifting towards biometric ID program, which will help to maintain privacy and safety of the citizens, the market for fingerprint sensor is expected to rise over the forecast period.

#### Key Industry Players in the Global Fingerprint Sensor Market

The report presents a detailed analysis of the following key players in the global fingerprint sensor market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- Apple Inc.
- Egis Technology Inc.
- IDEMIA
- Synaptics Incorporated
- Thales Group
- Others

The comprehensive report looks into the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

#### **Table of Contents:**

- 1 Executive Summary
- 1.1 Market Size 2024-2025

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 1.2 Market Growth 2025(F)-2034(F)
- 1.3 Key Demand Drivers
- 1.4 Key Players and Competitive Structure
- 1.5 Industry Best Practices
- 1.6 Recent Trends and Developments
- 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
  - 2.1 Market Trends
  - 2.2 Key Verticals
  - 2.3 Key Regions
  - 2.4 Supplier Power
  - 2.5 Buyer Power
  - 2.6 Key Market Opportunities and Risks
  - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
  - 3.1 GDP Outlook
  - 3.2 GDP Per Capita Growth
  - 3.3 Inflation Trends
  - 3.4 Democracy Index
  - 3.5 Gross Public Debt Ratios
  - 3.6 Balance of Payment (BoP) Position
  - 3.7 Population Outlook
  - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
  - 4.1 Country Risk
  - 4.2 Business Climate
- 5 Global Fingerprint Sensor Market Analysis
  - 5.1 Key Industry Highlights
  - 5.2 Global Fingerprint Sensor Historical Market (2018-2024)
  - 5.3 Global Fingerprint Sensor Market Forecast (2025-2034)
  - 5.4 Global Fingerprint Sensor Market by Type
    - 5.4.1 FAP 10
      - 5.4.1.1 Historical Trend (2018-2024)
      - 5.4.1.2 Forecast Trend (2025-2034)
    - 5.4.2 FAP 20
      - 5.4.2.1 Historical Trend (2018-2024)
      - 5.4.2.2 Forecast Trend (2025-2034)
    - 5.4.3 FAP 30
      - 5.4.3.1 Historical Trend (2018-2024)
      - 5.4.3.2 Forecast Trend (2025-2034)
  - 5.5 Global Fingerprint Sensor Market by End Use
    - 5.5.1 Banking and Finance
      - 5.5.1.1 Historical Trend (2018-2024)
      - 5.5.1.2 Forecast Trend (2025-2034)
    - 5.5.2 Government and Law Enforcement
      - 5.5.2.1 Historical Trend (2018-2024)
      - 5.5.2.2 Forecast Trend (2025-2034)

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 5.5.3 Commercial
  - 5.5.3.1 Historical Trend (2018-2024)
  - 5.5.3.2 Forecast Trend (2025-2034)
- 5.5.4 Others
- 5.6 Global Fingerprint Sensor Market by Region
  - 5.6.1 North America
    - 5.6.1.1 Historical Trend (2018-2024)
    - 5.6.1.2 Forecast Trend (2025-2034)
  - 5.6.2 Europe
    - 5.6.2.1 Historical Trend (2018-2024)
    - 5.6.2.2 Forecast Trend (2025-2034)
  - 5.6.3 Asia Pacific
    - 5.6.3.1 Historical Trend (2018-2024)
    - 5.6.3.2 Forecast Trend (2025-2034)
  - 5.6.4 Latin America
    - 5.6.4.1 Historical Trend (2018-2024)
    - 5.6.4.2 Forecast Trend (2025-2034)
  - 5.6.5 Middle East and Africa
    - 5.6.5.1 Historical Trend (2018-2024)
    - 5.6.5.2 Forecast Trend (2025-2034)
- 6 North America Fingerprint Sensor Market Analysis
  - 6.1 United States of America
    - 6.1.1 Historical Trend (2018-2024)
    - 6.1.2 Forecast Trend (2025-2034)
  - 6.2 Canada
    - 6.2.1 Historical Trend (2018-2024)
    - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe Fingerprint Sensor Market Analysis
  - 7.1 United Kingdom
    - 7.1.1 Historical Trend (2018-2024)
    - 7.1.2 Forecast Trend (2025-2034)
  - 7.2 Germany
    - 7.2.1 Historical Trend (2018-2024)
    - 7.2.2 Forecast Trend (2025-2034)
  - 7.3 France
    - 7.3.1 Historical Trend (2018-2024)
    - 7.3.2 Forecast Trend (2025-2034)
  - 7.4 Italy
    - 7.4.1 Historical Trend (2018-2024)
    - 7.4.2 Forecast Trend (2025-2034)
  - 7.5 Others
- 8 Asia Pacific Fingerprint Sensor Market Analysis
  - 8.1 China
    - 8.1.1 Historical Trend (2018-2024)
    - 8.1.2 Forecast Trend (2025-2034)
  - 8.2 Japan
    - 8.2.1 Historical Trend (2018-2024)

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 8.2.2 Forecast Trend (2025-2034)
- 8.3 India
  - 8.3.1 Historical Trend (2018-2024)
  - 8.3.2 Forecast Trend (2025-2034)
- 8.4 ASEAN
  - 8.4.1 Historical Trend (2018-2024)
  - 8.4.2 Forecast Trend (2025-2034)
- 8.5 Australia
  - 8.5.1 Historical Trend (2018-2024)
  - 8.5.2 Forecast Trend (2025-2034)
- 8.6 Others
- 9 Latin America Fingerprint Sensor Market Analysis
  - 9.1 Brazil
    - 9.1.1 Historical Trend (2018-2024)
    - 9.1.2 Forecast Trend (2025-2034)
  - 9.2 Argentina
    - 9.2.1 Historical Trend (2018-2024)
    - 9.2.2 Forecast Trend (2025-2034)
  - 9.3 Mexico
    - 9.3.1 Historical Trend (2018-2024)
    - 9.3.2 Forecast Trend (2025-2034)
  - 9.4 Others
- 10 Middle East and Africa Fingerprint Sensor Market Analysis
  - 10.1 Saudi Arabia
    - 10.1.1 Historical Trend (2018-2024)
    - 10.1.2 Forecast Trend (2025-2034)
  - 10.2 United Arab Emirates
    - 10.2.1 Historical Trend (2018-2024)
    - 10.2.2 Forecast Trend (2025-2034)
  - 10.3 Nigeria
    - 10.3.1 Historical Trend (2018-2024)
    - 10.3.2 Forecast Trend (2025-2034)
  - 10.4 South Africa
    - 10.4.1 Historical Trend (2018-2024)
    - 10.4.2 Forecast Trend (2025-2034)
  - 10.5 Others
- 11 Market Dynamics
  - 11.1 SWOT Analysis
    - 11.1.1 Strengths
    - 11.1.2 Weaknesses
    - 11.1.3 Opportunities
    - 11.1.4 Threats
  - 11.2 Porter's Five Forces Analysis
    - 11.2.1 Supplier's Power
    - 11.2.2 Buyer's Power
    - 11.2.3 Threat of New Entrants
    - 11.2.4 Degree of Rivalry

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 11.2.5 Threat of Substitutes
- 11.3 Key Indicators for Demand
- 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Competitive Landscape
  - 13.1 Supplier Selection
  - 13.2 Key Global Players
  - 13.3 Key Regional Players
  - 13.4 Key Player Strategies
  - 13.5 Company Profiles
    - 13.5.1 Apple Inc.
      - 13.5.1.1 Company Overview
      - 13.5.1.2 Product Portfolio
      - 13.5.1.3 Demographic Reach and Achievements
      - 13.5.1.4 Certifications
    - 13.5.2 Egis Technology Inc.
      - 13.5.2.1 Company Overview
      - 13.5.2.2 Product Portfolio
      - 13.5.2.3 Demographic Reach and Achievements
      - 13.5.2.4 Certifications
    - 13.5.3 IDEMIA
      - 13.5.3.1 Company Overview
      - 13.5.3.2 Product Portfolio
      - 13.5.3.3 Demographic Reach and Achievements
      - 13.5.3.4 Certifications
    - 13.5.4 Synaptics Incorporated
      - 13.5.4.1 Company Overview
      - 13.5.4.2 Product Portfolio
      - 13.5.4.3 Demographic Reach and Achievements
      - 13.5.4.4 Certifications
    - 13.5.5 Thales Group
      - 13.5.5.1 Company Overview
      - 13.5.5.2 Product Portfolio
      - 13.5.5.3 Demographic Reach and Achievements
      - 13.5.5.4 Certifications
    - 13.5.6 Others

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**Fingerprint Sensor Market Report and Forecast 2025-2034**

Market Report | 2025-08-11 | 173 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

**ORDER FORM:**

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-10"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com