

India Biometrics Market Report and Forecast 2025-2034

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Report description:

The India biometrics market size reached a value of almost USD 2.93 Billion in the year 2024 . The India biometrics market is further expected to grow at a CAGR of 14.50% between 2025 and 2034 to reach a value of almost USD 11.35 Billion by 2034 .

The India biometrics market is driven by the rising integration of the product in consumer electronics. The country has witnessed enormous growth in recent years due to its growing adoption of biometrics within government as well as private sectors. The India biometrics market is supporting the growth of the global biometrics market, which is finding impetus in the rising adoption of biometric technologies by banks and organisations to help prevent fraudulent activities.

Market Segmentation

Biometrics is a technological authentication method that is utilised in information assurance (IA) for secure access, entry, or data. It fundamentally relies on scanning their physical or biological characteristics, like the face, iris, DNA, palm, fingerprint, retina, and palm veins, which are hard to forge or duplicate. It provides more accurate identification and minimises the risk of undesirable intrusion. Consequently, biometrics technologies are extensively used in banks, public libraries, colleges, schools, corporate and government offices, and consumer electronics like smartphones and tablets.

The biometrics market is segmented on the basis of technology into:

- Face Recognition
- Hand Geometry
- Voice Recognition
- Signature Recognition
- Iris Recognition
- AFIS
- Non-AFIS

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- Others

On the basis of functionality, the market is divided into:

- Contact
- Non-Contact
- Combined

By authentication, the biometrics market is divided into:

- Single-Factor Authentication
- Multifactor Authentication

On the basis of component, the market is bifurcated into:

- Hardware
- Software

On the basis of end-use, the market is divided into:

- Government
- Defence Services
- Banking and Finance
- Consumer Electronics
- Healthcare
- Commercial Safety and Security
- Transport/Visa/Logistics
- Others

On the basis of region, the market is divided into:

- North India
- West and Central India
- South India
- East India

Market Analysis□

The India biometrics market is driven by the rising adoption of several biometric means such as facial, fingerprint, and voice recognition to authenticate their identity, as well as to make payments. The government of India is also using biometric technologies for the purpose of identification and verification of individuals in different e-Governance applications such as E-Passport, UIDAI (Aadhar), Driving License, and RSBY (Rashtriya Swasthya Bima Yojna), among others, thus, supporting the market growth of biometrics in India. Other factors aiding the market growth include an increasing number of smartphone users, enhancing internet connectivity, and growing security concerns.

Competitive Landscape□

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The report gives a detailed analysis of the following key players in the India biometrics market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- IDEMIA
- SecuGen India Pvt. Ltd
- NEC Technologies India Private Limited
- 4G Identity Solutions.
- Honeywell Automation India Limited
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 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 India Biometrics Market Analysis
 - 5.1 Key Industry Highlights

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5.2 India Biometrics Historical Market (2018-2024)

5.3 India Biometrics Market Forecast (2025-2034)

5.4 India Biometrics Market by Technology

5.4.1 Face Recognition

5.4.1.1 Historical Trend (2018-2024)

5.4.1.2 Forecast Trend (2025-2034)

5.4.2 Hand Geometry

5.4.2.1 Historical Trend (2018-2024)

5.4.2.2 Forecast Trend (2025-2034)

5.4.3 Voice Recognition

5.4.3.1 Historical Trend (2018-2024)

5.4.3.2 Forecast Trend (2025-2034)

5.4.4 Signature Recognition

5.4.4.1 Historical Trend (2018-2024)

5.4.4.2 Forecast Trend (2025-2034)

5.4.5 Iris Recognition

5.4.5.1 Historical Trend (2018-2024)

5.4.5.2 Forecast Trend (2025-2034)

5.4.6 AFIS

5.4.6.1 Historical Trend (2018-2024)

5.4.6.2 Forecast Trend (2025-2034)

5.4.7 Non-AFIS

5.4.7.1 Historical Trend (2018-2024)

5.4.7.2 Forecast Trend (2025-2034)

5.4.8 Others

5.5 India Biometrics Market by Functionality

5.5.1 Contact

5.5.1.1 Historical Trend (2018-2024)

5.5.1.2 Forecast Trend (2025-2034)

5.5.2 Non-Contact

5.5.2.1 Historical Trend (2018-2024)

5.5.2.2 Forecast Trend (2025-2034)

5.5.3 Combined

5.5.3.1 Historical Trend (2018-2024)

5.5.3.2 Forecast Trend (2025-2034)

5.6 India Biometrics Market by Authentication

5.6.1 Single-Factor Authentication

5.6.1.1 Historical Trend (2018-2024)

5.6.1.2 Forecast Trend (2025-2034)

5.6.2 Multifactor Authentication

5.6.2.1 Historical Trend (2018-2024)

5.6.2.2 Forecast Trend (2025-2034)

5.7 India Biometrics Market by Component

5.7.1 Hardware

5.7.1.1 Historical Trend (2018-2024)

5.7.1.2 Forecast Trend (2025-2034)

5.7.2 Software

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- 5.7.2.1 Historical Trend (2018-2024)
- 5.7.2.2 Forecast Trend (2025-2034)
- 5.8 India Biometrics Market by End Use
 - 5.8.1 Government
 - 5.8.1.1 Historical Trend (2018-2024)
 - 5.8.1.2 Forecast Trend (2025-2034)
 - 5.8.2 Defence Services
 - 5.8.2.1 Historical Trend (2018-2024)
 - 5.8.2.2 Forecast Trend (2025-2034)
 - 5.8.3 Banking and Finance
 - 5.8.3.1 Historical Trend (2018-2024)
 - 5.8.3.2 Forecast Trend (2025-2034)
 - 5.8.4 Consumer Electronics
 - 5.8.4.1 Historical Trend (2018-2024)
 - 5.8.4.2 Forecast Trend (2025-2034)
 - 5.8.5 Healthcare
 - 5.8.5.1 Historical Trend (2018-2024)
 - 5.8.5.2 Forecast Trend (2025-2034)
 - 5.8.6 Commercial Safety and Security
 - 5.8.6.1 Historical Trend (2018-2024)
 - 5.8.6.2 Forecast Trend (2025-2034)
 - 5.8.7 Transport/Visa/Logistics
 - 5.8.7.1 Historical Trend (2018-2024)
 - 5.8.7.2 Forecast Trend (2025-2034)
 - 5.8.8 Others
- 5.9 India Biometrics Market by Region
 - 5.9.1 North India
 - 5.9.2 West and Central India
 - 5.9.3 South India
 - 5.9.4 East India
- 6 Regional Analysis
 - 6.1 North India
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
 - 6.2 West and Central India
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
 - 6.3 South India
 - 6.3.1 Historical Trend (2018-2024)
 - 6.3.2 Forecast Trend (2025-2034)
 - 6.4 East India
 - 6.4.1 Historical Trend (2018-2024)
 - 6.4.2 Forecast Trend (2025-2034)
- 7 Market Dynamics
 - 7.1 SWOT Analysis
 - 7.1.1 Strengths
 - 7.1.2 Weaknesses

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- 7.1.3 Opportunities
- 7.1.4 Threats
- 7.2 Porter's Five Forces Analysis
 - 7.2.1 Supplier's Power
 - 7.2.2 Buyers Power
 - 7.2.3 Threat of New Entrants
 - 7.2.4 Degree of Rivalry
 - 7.2.5 Threat of Substitutes
- 7.3 PESTEL Analysis
 - 7.3.1 Political
 - 7.3.2 Economic
 - 7.3.3 Social
 - 7.3.4 Legal
 - 7.3.5 Environmental
 - 7.3.6 Technological
- 7.4 Key Indicators for Demand
- 7.5 Key Indicators for Price
- 8 Value Chain Analysis
- 9 Price Analysis
- 10 Government Regulations
- 11 Strategic Recommendations
- 12 Competitive Landscape
 - 12.1 Supplier Selection
 - 12.2 Key Global Players
 - 12.3 Key Regional Players
 - 12.4 Key Player Strategies
 - 12.5 Company Profiles
 - 12.5.1 IDEMIA
 - 12.5.1.1 Company Overview
 - 12.5.1.2 Demographic Reach and Achievements
 - 12.5.1.3 Certifications
 - 12.5.2 SecuGen India Pvt.Ltd
 - 12.5.2.1 Company Overview
 - 12.5.2.2 Demographic Reach and Achievements
 - 12.5.2.3 Certifications
 - 12.5.3 NEC Technologies India Private Limited
 - 12.5.3.1 Company Overview
 - 12.5.3.2 Demographic Reach and Achievements
 - 12.5.3.3 Certifications
 - 12.5.4 4G Identity Solutions.
 - 12.5.4.1 Company Overview
 - 12.5.4.2 Demographic Reach and Achievements
 - 12.5.4.3 Certifications
 - 12.5.5 Honeywell Automation India Limited
 - 12.5.5.1 Company Overview
 - 12.5.5.2 Demographic Reach and Achievements
 - 12.5.5.3 Certifications

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