Emotion Detection and Recognition Market Report by Component (Software Tools, Services), Technology (Pattern Recognition Network, Machine Learning, Natural Language Processing, Bio-Sensors Technology, Feature Extraction and 3D Modelling, and Others), Application (Law Enforcement, Surveillance and Monitoring, Marketing and Advertising, Media and Entertainment, and Others), End User (Government, Healthcare, Retail, Entertainment, Transportation, Defence and Security Agency, Education, and Others), and Region 2025-2033

Market Report | 2025-04-01 | 139 pages | IMARC Group

AVAILABLE LICENSES:

- Electronic (PDF) Single User $3999.00
- Five User Licence $4999.00
- Enterprisewide License $5999.00

Report description:

The global emotion detection and recognition market size reached USD 55.9 Billion in 2024. Looking forward, IMARC Group expects the market to reach USD 227.0 Billion by 2033, exhibiting a growth rate (CAGR) of 16.01% during 2025-2033.

Emotion detection and recognition (EDR) refers to a method utilized for detecting and recognizing human emotions using technological capabilities, including facial recognition, speech and voice recognition, biosensing, machine learning, pattern recognition, etc. The EDR technology is based on image processing technologies that are widely used to detect the emotions of a human face. Aside from happiness, sorrow, and rage, it also scans for microexpressions like disdain and contempt. Besides this, the emotion detection and recognition technology is employed to identify behavioral patterns and analyze the gestures and postures of the body. As a result, it is extensively used across numerous industries, such as law and enforcement, marketing and advertising, medical care, etc.

Emotion Detection and Recognition Market Trends:
The escalating demand for enhanced client experiences and the increasing requirement for a human touch in digital interactions are primarily driving the global emotion detection and recognition market. In line with this, the inflating utilization of EDR across several verticals to record microexpressions and assess customer feedback about products and services is also propelling the market growth. Furthermore, the rising integration of EDR with wearable devices to capture physiological and behavioral data in order to analyze and generate automated responses based on emotion is acting as another growth-inducing factor. Besides this, the widespread adoption of emotion detection and recognition solutions by several government agencies to monitor crowd behavior and detect possible threats is also stimulating the global market. Moreover, the escalating usage of EDR software systems in smart cars to provide real-time facial analysis for monitoring behavior and alerting the driver whenever required, is further creating a positive outlook for the market. Additionally, numerous technological advancements, including the adoption of deep learning and AI algorithms to improve outcomes, are expected to drive the global emotion detection and recognition market over the forecasted period.

Key Market Segmentation:
IMARC Group provides an analysis of the key trends in each sub-segment of the global emotion detection and recognition market report, along with forecasts at the global, regional and country level from 2025-2033. Our report has categorized the market based on component, technology, application and end user.

Breakup by Component:

-Software Tools
-Facial Expression Recognition
-Bio-Sensing Software Tools and Apps
-Speech and Voice Recognition
-Services
-Storage and Maintenance
-Consulting and Integration

Breakup by Technology:

-Pattern Recognition Network
-Machine Learning
-Natural Language Processing
-Bio-Sensors Technology
-Feature Extraction and 3D Modelling
-Others

Breakup by Application:

-Law Enforcement, Surveillance and Monitoring
-Marketing and Advertising
-Media and Entertainment
-Others

Breakup by End User:

-Government

-Healthcare
-Retail
-Entertainment
-Transportation
-Defence and Security Agency
-Education
-Others

Breakup by Region:

-North America
-United States
-Canada
-Asia-Pacific
-China
-Japan
-India
-South Korea
-Australia
-Indonesia
-Others
-Europe
-Germany
-France
-United Kingdom
-Italy
-Spain
-Russia
-Others
-Latin America
-Brazil
-Mexico
-Others
-Middle East and Africa

Competitive Landscape:
The competitive landscape of the industry has also been examined along with the profiles of the key players being Affectiva (Smart Eye AB), Cognitec Systems GmbH (SALTO Systems), Emotibot Technologies Limited, Eyeris Technologies Inc., International Business Machines Corporation, Kairos AR Inc., NEC Corporation (AT&T Corporation), Noldus Information Technology bv, NVISO SA, Paravision, Realeyes, Sightcorp BV and SkyBiometry.

Key Questions Answered in This Report
1.What was the size of the global emotion detection and recognition market in 2024?
2.What is the expected growth rate of the global emotion detection and recognition market during 2025-2033?
3.What are the key factors driving the global emotion detection and recognition market?
4.What has been the impact of COVID-19 on the global emotion detection and recognition market?
5.What is the breakup of the global emotion detection and recognition market based on the component?

6.What is the breakup of the global emotion detection and recognition market based on the technology?
7.What are the key regions in the global emotion detection and recognition market?
8.Who are the key players/companies in the global emotion detection and recognition market?

Table of Contents:

Emotion Detection and Recognition Market Report by Component (Software Tools, Services), Technology (Pattern Recognition Network, Machine Learning, Natural Language Processing, Bio-Sensors Technology, Feature Extraction and 3D Modelling, and Others), Application (Law Enforcement, Surveillance and Monitoring, Marketing and Advertising, Media and Entertainment, and Others), End User (Government, Healthcare, Retail, Entertainment, Transportation, Defence and Security Agency, Education, and Others), and Region 2025-2033

Market Report | 2025-04-01 | 139 pages | IMARC Group

To place an Order with Scotts International:

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

ORDER FORM:

Select license	License	Price
	Electronic (PDF) Single User	$3999.00
	Five User Licence	$4999.00
	Enterprisewide License	$5999.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-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* Phone*

First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2026-02-07
		Signature	