

Smart Personal Safety And Security Device Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Smart Personal Security, Smart Personal Safety), By Technology (Networking, Positioning, Sensor, Speech Recognition), By End User

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Abstracts

The Smart Personal Safety And Security Device Market is valued at USD 8.5 billion in 2025 and is projected to grow at a CAGR of 10.3% to reach USD 20.6 billion by 2034. The smart personal safety and security device market has emerged as a critical sector within the broader consumer electronics and wearables landscape, offering real-time protection and emergency response capabilities to individuals across various demographics. These devices—ranging from smart panic buttons and GPS trackers to wearable alarms and connected bodycams—serve as discreet and tech-enabled tools for safeguarding personal well-being. Users include children, senior citizens, lone workers, women, and outdoor enthusiasts, each seeking enhanced situational awareness and rapid emergency communication. Many smart safety devices now integrate with smartphones, IoT platforms, and public safety networks, allowing users to instantly notify designated contacts or authorities in distress scenarios. Growing concerns around urban crime, rising awareness about personal security, and increased demand for elder care and child monitoring solutions are fueling the adoption of such products globally. As technology becomes more affordable and compact, these devices are also evolving in design—becoming less intrusive while offering more sophisticated monitoring and real-time alert features. The smart personal safety and security device market saw continued innovation and wider accessibility. Leading brands introduced multi-function devices combining GPS tracking, audio recording, biometric monitoring, and two-way communication into discreet wearables like smart rings, bracelets, and pendants. Many

new models supported integration with mobile health apps and AI-based threat detection, improving proactive safety for vulnerable populations. Urban centers deployed public emergency response networks that allowed these devices to link directly with local emergency services, reducing response times. Wearables tailored for senior citizens included fall detection, heart rate monitoring, and geo-fencing capabilities, supporting independent living. Safety features for women, such as discreet voice-activated alarms and location tracking, were heavily promoted in regions with rising crime rates. Moreover, educational institutions and corporate offices adopted employee and student safety badges equipped with real-time location sharing and alert capabilities. 2024 also marked an uptick in partnerships between tech firms and security agencies, aiming to create an ecosystem where individual devices act as nodes within larger community safety networks. The smart personal safety and security device market is expected to evolve toward hyper-personalized, predictive protection. AI-powered predictive analytics will help these devices assess behavioral patterns and alert users before an incident occurs. Integration with smart cities and 5G connectivity will enable instant data transmission and broader coordination with law enforcement and emergency services. Manufacturers will likely introduce self-sustaining safety devices powered by energy harvesting technologies, reducing reliance on frequent charging. In regions with strong adoption of smart home ecosystems, personal safety devices will link with connected home systems—automatically locking doors or activating surveillance in response to alerts. Additionally, wearables for children will become more interactive, incorporating educational and communication features alongside safety monitoring. Despite the promise, a major concern will be ensuring user data privacy, especially as these devices collect sensitive health, location, and audio data. Addressing cybersecurity and ethical data use will be key to ensuring long-term market trust and sustained growth.

Key Insights Smart Personal Safety And Security Device Market

AI-Based Threat Detection and Alert Systems: Advanced algorithms are enabling smart safety devices to identify suspicious behavior or environmental risks in real time, issuing alerts before a threat escalates, thereby enhancing proactive protection for users.

Integration with Emergency Services and Smart City Platforms: Devices are increasingly connecting directly with public safety networks, enabling faster response coordination and creating a seamless bridge between personal safety tools and citywide emergency infrastructures.

Rise of Multi-Functional Wearables: Consumers are adopting devices that offer safety, health tracking, and communication in one compact form factor, like smart jewelry or badges, improving user adoption without compromising daily comfort or style.

Growing Demand from Vulnerable User Groups: Elderly individuals, women, children, and gig economy workers are driving demand for affordable and intuitive safety devices that offer peace of mind in both personal and professional environments.

Expansion of Subscription-Based Safety Services: Companies are offering premium safety features through monthly subscriptions, including 24/7 monitoring, priority access to emergency responders, and real-time incident alerts shared with trusted contacts.

Increasing Urban Crime and Safety Concerns: Rising rates of harassment, theft, and violent crimes in urban areas are encouraging consumers to invest in smart devices that offer real-time location tracking and immediate alert capabilities.

Rising Demand for Independent Elder Care Solutions: Aging populations and a shortage of caregivers are leading families to adopt smart wearables that monitor seniors' safety, health metrics, and location while enabling emergency communication when needed.

Proliferation of IoT and Wearable Technology: The widespread availability of connected devices and improved wireless connectivity have made it easier to produce compact, reliable personal safety tools at lower costs, boosting global adoption.

Workplace Safety Regulations and Employer Adoption: Employers in high-risk industries are increasingly adopting smart safety badges and wearables to meet occupational safety standards and enhance employee well-being in real-time scenarios.

Privacy and Data Security Vulnerabilities: The collection of personal data such as location, health vitals, and audio raises concerns over surveillance, data misuse, and hacking—making robust encryption, user consent, and regulatory compliance critical for market credibility and growth.

Smart Personal Safety And Security Device Market Segmentation

By Type

Smart Personal Security

Smart Personal Safety

By Technology

Networking

Positioning

Sensor

Speech Recognition

By End User

Consumers

Defense

Factories

BFSI

Healthcare

Telecommunications

Other End-Users

Key Companies Analysed

Huawei Technologies Co. Ltd.

Schneider Electric SE

Honeywell International Inc.

3M Company

Koninklijke Philips N.V.

Rockwell Automation Inc.

Adt Inc.

Fitbit Inc.

Uvex Group

Arlo Technologies Inc.

GreatCall Inc.

Buddi Limited

Daqri LLC.

Ergodyne Corp

BrickHouse Security Company

Revolar Inc.

Safelet B.V.

Vuzix Corporation

Force Impact Technologies Inc.

Noonlight Inc.

Lockly

Careline 365

Jarvish Inc.

KJB Security Products Inc.

Trackimo LLC

Unaliwear Inc.

100Plus Inc.

Smart Personal Safety And Security Device Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Smart Personal Safety And Security Device Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory

landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Smart Personal Safety And Security Device market data and outlook to 2034

United States

Canada

Mexico

Europe — Smart Personal Safety And Security Device market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Smart Personal Safety And Security Device market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Smart Personal Safety And Security Device market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Smart Personal Safety And Security Device market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Smart Personal Safety And Security Device value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Smart Personal Safety And Security Device industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Smart Personal Safety And Security Device Market Report

Global Smart Personal Safety And Security Device market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Smart

Personal Safety And Security Device trade, costs, and supply chains

Smart Personal Safety And Security Device market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Smart Personal Safety And Security Device market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Smart Personal Safety And Security Device market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Smart Personal Safety And Security Device supply chain analysis

Smart Personal Safety And Security Device trade analysis, Smart Personal Safety And Security Device market price analysis, and Smart Personal Safety And Security Device supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Smart Personal Safety And Security Device market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

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