

Smoke Detector Market Size, Share & Trends Analysis Report By Technology (Photoelectric, Dual sensors, Ionization), By End Use (Commercial, Industrial, Residential), And Segment Forecasts, 2025 - 2030

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Abstracts

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Smoke Detector Market Growth & Trends

The global smoke detector market size is expected to reach USD 3.25 billion in 2030 and is expected to expand at a CAGR of 8.5% from 2025 to 2030. Increasing sustainable development in the infrastructure sector coupled with stringent government policies and regulations are projected to surge the application of smoke and fire detection devices.

Favorable initiatives and policies framed by the government bodies are anticipated to drive the market growth. Governments from some developed countries offer monetary support for the installation of smoke detectors in residences. These initiatives help increase awareness among customers regarding the importance of smoke and fire detection devices, which in turn is expected to surge the market growth. For instance, the U.S. government has extended support by granting USD 110,000 to the Fire Department of Berrien Springs - Orontownship - to increase awareness regarding smoke detectors. This initiative also promotes benefits associated with the product. These measures will boost the scope of application and market growth over the forecast period.

North America dominated the global smoke detector market, with a revenue share of 30.8% in 2024. Major manufacturers are adopting strategies such as mergers and acquisitions, new product launches, and awareness campaigns. For instance, in June 2018, Kidde launched an awareness creating campaign 'Beat the Beep'. This campaign

is important to educate the residents of California regarding the importance of smoke detectors and identifying the situation when a Carbon Monoxide (CO) alarm or smoke alarm needs to be replaced.

Major manufacturers are Kidde; Honeywell International Inc.; Johnson Controls; BRK Brands, Inc.; Siemens AG; Birdi; Hochiki Corporation; Huawei Technologies Co., Ltd.; Xtralis Pty Ltd.; and Robert Bosch LLC. Increasing awareness regarding fire safety in commercial as well as residential buildings is fueling the product demand for the product over the forecast period. The market is competitive in nature owing to the increasing product innovation and R&D activities by the market leaders.

Smoke Detector Market Report Highlights

In terms of revenue, dual sensors are expected to grow at the fastest CAGR of 8.9% over the forecast period.

The industrial segment dominated the market with the largest revenue share in 2024.

North America dominated the global smoke detector market, with a revenue share of 30.8% in 2024. It is anticipated to continue the dominance over the forecast period.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Market Definitions
- 1.3. Research Methodology
 - 1.3.1. Information Procurement
 - 1.3.2. Information or Data Analysis
 - 1.3.3. Market Formulation & Data Visualization
 - 1.3.4. Data Validation & Publishing
- 1.4. Research Scope and Assumptions
 - 1.4.1. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Competitive Insights

CHAPTER 3. SMOKE DETECTOR MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Introduction/Lineage Outlook
- 3.2. Market Size and Growth Prospects (USD Million)
- 3.3. Market Dynamics
 - 3.3.1. Market Drivers Analysis
 - 3.3.2. Market Restraints Analysis
- 3.4. Industry Value Chain Analysis
- 3.5. Smoke Detector Market Analysis Tools
 - 3.5.1. Porter's Analysis
 - 3.5.1.1. Bargaining power of the suppliers
 - 3.5.1.2. Bargaining power of the buyers
 - 3.5.1.3. Threats of substitution
 - 3.5.1.4. Threats from new entrants
 - 3.5.1.5. Competitive rivalry
 - 3.5.2. PESTEL Analysis
 - 3.5.2.1. Political landscape
 - 3.5.2.2. Economic and Social landscape
 - 3.5.2.3. Technological landscape

3.5.2.4. Environmental landscape

3.5.2.5. Legal landscape

CHAPTER 4. CONSUMER BEHAVIOR ANALYSIS

4.1. Demographic Analysis

4.2. Consumer Trends & Preferences

4.3. Factors Influencing Buying Decisions

4.4. Consumer Technology Adoption Trends

4.5. Observations & Recommendations

CHAPTER 5. SMOKE DETECTOR MARKET: TECHNOLOGY ESTIMATES & TREND ANALYSIS

5.1. Segment Dashboard

5.2. Smoke Detector Market: Technology Movement Analysis, 2024 & 2030 (USD Million)

5.3. Photoelectric

5.3.1. Photoelectric Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

5.4. Dual Sensors

5.4.1. Dual Sensors Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

5.5. Ionization

5.5.1. Ionization Bar Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 6. SMOKE DETECTOR MARKET: END USE ESTIMATES & TREND ANALYSIS

6.1. Segment Dashboard

6.2. Smoke Detector Market: End Use Movement Analysis, 2024 & 2030 (USD Million)

6.3. Commercial

6.3.1. Commercial Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

6.4. Industrial

6.4.1. Industrial Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

6.5. Residential

6.5.1. Residential Market Revenue Estimates and Forecasts, 2018 - 2030 (USD

Million)

CHAPTER 7. SMOKE DETECTOR MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

7.1. Smoke Detector Market Share, By Region, 2024 & 2030, USD Million

7.2. North America

7.2.1. North America Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.2.2. U.S.

7.2.2.1. U.S. Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.2.3. Canada

7.2.3.1. Canada Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.2.4. Mexico

7.2.4.1. Mexico Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.3. Europe

7.3.1. Europe Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.3.2. UK

7.3.2.1. UK Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.3.3. Germany

7.3.3.1. Germany Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.3.4. France

7.3.4.1. France Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.3.5. Italy

7.3.5.1. Italy Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.3.6. Spain

7.3.6.1. Spain Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.4. Asia Pacific

7.4.1. Asia Pacific Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.4.2. China

7.4.2.1. China Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.4.3. Japan

7.4.3.1. Japan Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.4.4. India

7.4.4.1. India Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.4.5. South Korea

7.4.5.1. South Korea Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.4.6. Australia

7.4.6.1. Australia Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5. Latin America

7.5.1. Latin America Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5.2. Brazil

7.5.2.1. Brazil Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6. Middle East and Africa

7.6.1. Middle East and Africa Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6.2. South Africa

7.6.2.1. South Africa Smoke Detector Market Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 8. COMPETITIVE LANDSCAPE

8.1. Recent Developments & Impact Analysis by Key Market Participants

8.2. Company Categorization

8.3. Company Heat Map Analysis

8.4. Company Profiles

8.4.1. Honeywell International

8.4.1.1. Participant's Overview

8.4.1.2. Financial Performance

8.4.1.3. Technology Benchmarking

8.4.1.4. Recent Developments/ Strategic Initiatives

- 8.4.2. ABB Group
 - 8.4.2.1. Participant's Overview
 - 8.4.2.2. Financial Performance
 - 8.4.2.3. Technology Benchmarking
 - 8.4.2.4. Recent Developments/ Strategic Initiatives
- 8.4.3. Siemens AG
 - 8.4.3.1. Participant's Overview
 - 8.4.3.2. Financial Performance
 - 8.4.3.3. Technology Benchmarking
 - 8.4.3.4. Recent Developments/ Strategic Initiatives
- 8.4.4. Hochiki Corporation
 - 8.4.4.1. Participant's Overview
 - 8.4.4.2. Financial Performance
 - 8.4.4.3. Technology Benchmarking
 - 8.4.4.4. Recent Developments/ Strategic Initiatives
- 8.4.5. Johnson Controls International PLC
 - 8.4.5.1. Participant's Overview
 - 8.4.5.2. Financial Performance
 - 8.4.5.3. Technology Benchmarking
 - 8.4.5.4. Recent Developments/ Strategic Initiatives
- 8.4.6. Robert Bosch GmbH
 - 8.4.6.1. Participant's Overview
 - 8.4.6.2. Financial Performance
 - 8.4.6.3. Technology Benchmarking
 - 8.4.6.4. Recent Developments/ Strategic Initiatives
- 8.4.7. Mircom Group
 - 8.4.7.1. Participant's Overview
 - 8.4.7.2. Financial Performance
 - 8.4.7.3. Technology Benchmarking
 - 8.4.7.4. Recent Developments/ Strategic Initiatives
- 8.4.8. Kidde Fire Safety (United Technologies Corporation)
 - 8.4.8.1. Participant's Overview
 - 8.4.8.2. Financial Performance
 - 8.4.8.3. Technology Benchmarking
 - 8.4.8.4. Recent Developments/ Strategic Initiatives
- 8.4.9. TycoFIS (Tyco International Ltd)
 - 8.4.9.1. Participant's Overview
 - 8.4.9.2. Financial Performance
 - 8.4.9.3. Technology Benchmarking

8.4.9.4. Recent Developments/ Strategic Initiatives

8.4.10. Nittan Co., Ltd.

8.4.10.1. Participant's Overview

8.4.10.2. Financial Performance

8.4.10.3. Technology Benchmarking

8.4.10.4. Recent Developments/ Strategic Initiatives

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