

Temperature Detection Screen Market Size, Share, and Outlook, 2025 Report- By Type (Infrared Thermal Scanning Cameras, Contactless Temperature Detectors), By Application (Government and Law Enforcement, Military and Defense, Healthcare, Energy and Power, Transportation and Logistics, Commercial Spaces, Others), By Mounting (Portable/Handheld, Fixed/Mount), 2018-2032

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Abstracts

Temperature Detection Screen Market Outlook

The Temperature Detection Screen Market size is expected to register a growth rate of 5.4% during the forecast period from \$1.11 Billion in 2025 to \$1.6 Billion in 2032. The Temperature Detection Screen market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Temperature Detection Screen segments across 22 countries from 2021 to 2032. Key segments in the report include By Type (Infrared Thermal Scanning Cameras, Contactless Temperature Detectors), By Application (Government and Law Enforcement, Military and Defense, Healthcare, Energy and Power, Transportation and Logistics, Commercial Spaces, Others), By Mounting (Portable/Handheld, Fixed/Mount). Over 70 tables and charts showcase findings from our latest survey report on Temperature Detection Screen markets.

Temperature Detection Screen Market Insights, 2025

The temperature detection screen market is evolving as businesses and institutions integrate advanced screening solutions to enhance public health and workplace safety. Temperature detection screens, which use infrared thermal imaging and AI-based facial recognition, are widely deployed in airports, hospitals, corporate offices, and retail spaces for contactless fever detection. Companies like FLIR Systems, Dahua Technology, and Hikvision are leading the market with high-accuracy thermal scanners that integrate with access control systems and cloud-based monitoring solutions. The pandemic accelerated the adoption of these systems, and ongoing concerns over workplace hygiene and outbreak prevention continue to sustain demand. Additionally, advancements in AI-driven analytics are improving detection accuracy, reducing false positives, and enabling real-time reporting for compliance tracking. As biometric security and AI-powered health monitoring converge, temperature detection screens are expected to play a key role in future smart building infrastructure, integrating with HVAC systems and automated occupancy management solutions.

Five Trends that will define global Temperature Detection Screen market in 2025 and Beyond

A closer look at the multi-million market for Temperature Detection Screen identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Temperature Detection Screen companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Temperature Detection Screen vendors.

What are the biggest opportunities for growth in the Temperature Detection Screen industry?

The Temperature Detection Screen sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

Temperature Detection Screen Market Segment Insights

The Temperature Detection Screen industry presents strong offers across categories. The analytical report offers forecasts of Temperature Detection Screen industry performance across segments and countries. Key segments in the industry include%li%By Type (Infrared Thermal Scanning Cameras, Contactless Temperature Detectors), By Application (Government and Law Enforcement, Military and Defense, Healthcare, Energy and Power, Transportation and Logistics, Commercial Spaces, Others), By Mounting (Portable/Handheld, Fixed/Mount). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Temperature Detection Screen market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global Temperature Detection Screen industry ecosystem. It assists decision-makers in evaluating global Temperature Detection Screen market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Temperature Detection Screen industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

Asia Pacific Temperature Detection Screen Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer

purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe Temperature Detection Screen Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Temperature Detection Screen with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Temperature Detection Screen market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Temperature Detection Screen market Insights%li%Vendors are exploring new opportunities within the US Temperature Detection Screen industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Temperature Detection Screen companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Temperature Detection Screen market.

Latin American Temperature Detection Screen market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Temperature Detection Screen Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Temperature Detection Screen markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Temperature Detection Screen markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How Temperature Detection Screen companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include AAEON Electronics, CSA Group, Digital Media Vending International LLC, Frank Mayer and Associates, Howard Industries, JNL Technologies Inc, Kogniz, LamasaTech, Media Services Worldwide, SZZT Electronics Co..

Temperature Detection Screen Market Segmentation

By Type

Infrared Thermal Scanning Cameras

Contactless Temperature Detectors

By Application

Government and Law Enforcement

Military and Defense

Healthcare

Energy and Power

Transportation and Logistics

Commercial Spaces

Others

By Mounting

Portable/Handheld

Fixed/Mount

Leading Companies

AAEON Electronics

CSA Group

Digital Media Vending International LLC

Frank Mayer and Associates

Howard Industries

JNL Technologies Inc

Kogniz

LamasaTech

Media Services Worldwide

SZZT Electronics Co.

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

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By Type

Infrared Thermal Scanning Cameras

Contactless Temperature Detectors

By Application

Government and Law Enforcement

Military and Defense

Healthcare

Energy and Power

Transportation and Logistics

Commercial Spaces

Others

By Mounting

Portable/Handheld

Fixed/Mount

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CSA Group

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