

# **Asia Pacific Thermal Scanners Market Size study, by Type (Handheld, Fixed), By Wavelength (Short-Wave Infrared (SWIR), Mid-Wave Infrared (MWIR), Long-Wave Infrared (LWIR)), By End Use (Industrial, Healthcare, Aerospace & Defense, Automotive, Oil & Gas, Commercial, Others) and Country Forecasts 2022-2032**

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## **Abstracts**

Asia Pacific Thermal Scanners Market is valued approximately at USD 910 million in 2023 and is anticipated to grow with a growth rate of more than 6.18% over the forecast period 2024-2032. Thermal imaging cameras, also known as thermal scanners, are devices that measure and identify infrared radiation, or heat, generated by objects. They then use this information to create visual representations of temperature fluctuations. In the fields of public health, building and electrical inspections, mechanical monitoring, law enforcement, animal observation, and others, these instruments are frequently employed for fever screening. They are helpful in dangerous or inaccessible regions since they provide the benefit of non-contact, real-time temperature monitoring. The increasing consumer electronics and accessibility is a key trend for the Asia Pacific Thermal Scanners Market during the forecast period 2024-2032. The increased availability of affordable thermal scanner attachments for smartphones is making thermal imaging accessible to consumers and small businesses.

In addition, the expansion of the Asia-Pacific Thermal Scanners Market is predominantly fueled by the growing focus on security and public safety, along with the increasing awareness of thermal scanning technology. Fueled by economic growth and urbanization, Asia-Pacific nations are prioritizing public safety, which has led to a surge in thermal scanner adoption for applications such as perimeter security, crowd control, and border control. As awareness of their benefits spreads, thermal scanners are

finding use beyond security in sectors like healthcare and manufacturing, solidifying their role in the region's safety landscape. Moreover, the region is witnessing rapid economic growth, leading to amplified investments in infrastructure development. This creates a significant demand for thermal scanners for security purposes in new buildings, transportation networks, and industrial facilities. However, export restrictions imposed on thermal imaging products, coupled with the inapplicability for glass and water is expected to stifle Asia Pacific Thermal Scanners Market growth between 2024 and 2032.

The key Countries considered for the Asia Pacific Thermal Scanners Market study include China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China is the dominating region and is poised for further growth in the anticipated years. The market is experiencing rapid growth due to the growing government initiatives and policies aimed at modernizing healthcare infrastructure, promoting telemedicine, and enhancing public health measures using advanced technologies like thermal scanners. Whereas, the market in India is expected to grow at the fastest rate over the forecast period. The Indian government's focus on infrastructure development, such as airports and public transportation, creates significant growth prospects for the integration of Asia-Pacific thermal scanner market.

Major market player included in this report are:

NEC Corporation

FLIR Systems, Inc.

Hikvision Digital Technology Co., Ltd.

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Type

Handheld

Fixed

**By Wavelength**

Short-Wave Infrared (SWIR)

Mid-Wave Infrared (MWIR)

Long-Wave Infrared (LWIR)

**By End Use**

Industrial

Healthcare

Aerospace &amp; Defense

Automotive

Oil &amp; Gas

Commercial

Others

**By Region:**

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

**Key Takeaways:**

Market Estimates &amp; Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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