

# **X-Ray Detectors Market By Product (FPD, CSI, GADOX, CR, CCD), FOV (Large, Medium, Small), Portability (Portable, Fix), System (New, Retrofit), And Application [Medical (Mammogram, Spine), Dental, Security, Industrial, Veterinary] – Global Forecast To 2024**

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## **Abstracts**

X-ray Detector Market by Product (FPD, CSI, GADOX, CR, CCD), FOV (Large, Medium, Small), Portability (Portable, Fix), System (New, Retrofit), and Application [Medical (Mammogram, Spine), Dental, Security, Industrial, Veterinary] – Global Forecast to 2024

X-ray Detectors market is slated to exhibit a lucrative growth rate. Global X-ray detectors market is expected to reach \$3,887.3 million by 2024, at a CAGR of 5.8% in the forecast period from 2018 to 2024. Declining prices and increasing adoption of digital imaging detectors, rising demand in industrial and security markets, and growing geriatric population coupled with rising prevalence of chronic diseases are the major factors driving the growth of global X-ray detectors market. However, relatively higher prices of digital X-ray systems still hinder their adoption, especially in price sensitive markets.

The report provides insights on adoption of X-ray detectors in various applications such as medical, dental, security, industrial, and veterinary segments of the market.

An in-depth analysis of the geographical scenario of the industry provides detailed qualitative and quantitative insights about the five major geographies (North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa) along with the coverage

of major countries in each region. The geographic analysis provides detailed insights on the key trends of the industry in the listed regions & countries, identifying the demographic & economic impact, government & private investments, and regulatory scenario. The report identifies North America being the largest market followed by Europe, Asia Pacific, and Rest of World. The geographical analysis section also comments on the key market players shaping the growth of the industry in the respective countries.

The report also includes the competitive landscape based on extensive assessment of the key strategic developments adopted by leading market participants in the industry over the past 4 years (2015-2018). The market players employed various strategies to expand their product offerings, global footprints, and augment their market shares. The key strategies followed by most companies in the global X-ray detectors market include acquisitions, collaborations, and new product launches.

The key players in the global X-ray detectors market are Varex Imaging Corporation (U.S.), Agfa-Gevaert N.V. (Belgium), FUJIFILM Holdings Corporation (Japan), Trixell (France), Canon Inc. (Japan), Carestream Health, Inc (U.S.), Rayence Inc. (U.S.), Konica Minolta, Inc. (Japan), Vieworks Co., Ltd. (Republic of Korea), Hamamatsu Photonics K.K. (Japan), CareRay Medical Systems Co. (China), i-Ray Technology Company (China), and Analogic Corporation (U.S.), among others.

Key questions answered in the report:

Growing adoption of flat panel detectors (FPDs) is driving the X-ray detectors market

Which are the factors boosting the adoption of flat panel detectors market?

What is the size and growth rate of FPD market in terms of value and volume?

Security and industrial are the two fastest growing application segments of the X-ray detectors market

How is the penetration of X-ray detectors in various application segments?

Which are the factors driving or restraining the growth of each sub-applications of medical market?

What factors contribute to the high growth of X-ray detectors in security and industrial application segments?

The North American region includes various global and local players competing in multiple segments

Who are the top competitors in this market and what strategies do they employ to gain shares?

Which product segments of the X-ray detectors market are expected to offer lucrative growth in the forecast period and why?

What strategies should the new companies focus to enter this market in order to sustain and compete with the established players?

What are the major drivers, restraints, opportunities, challenges, and trends in the global X-ray detectors market?

What are the geographic trends and high growth regions/countries?

Recent new product launches, acquisitions that have taken place in the X-ray detectors space

What companies have recently acquired and how will these unions affect the competitive landscape of the X-ray detectors space?

What companies have created partnerships and how will these partnerships promote a competitive advantage?

Who are the major players in the global X-ray detectors and what share of the market do they hold?

Who are the local emerging players in the global X-ray detectors market and how do they compete with the global players?

## **SCOPE OF THE REPORT**

## Market, By Product

Flat Panel Detectors (FPDs)

Flat Panel Detectors Market, by Type

Indirect FPDs

Cesium Iodide (CSI) FPDs

Gadolinium Oxysulfide FPDs

Direct FPDs

Flat Panel Detectors Market, by Field of View

Large Field of View FPDs

Medium Field of View FPDs

Small Field of View FPDs

Flat Panel Detectors Market, by Type of System

New Digital X-ray Systems

Retrofit X-ray Systems

Computed Radiography (CR) Detectors

Charge-Coupled Device (CCD) Detectors

Line-Scan Detectors

Bioreactors

## Market, By Application

**Medical****Static Imaging**

Radiography

Chest Radiography

Orthopedic Radiography

Other Applications

Mammography

**Dynamic Imaging**

General Fluoroscopy

Cardiovascular Imaging

Surgical Imaging

Interventional Spine Procedures

Other

**Dental****Security****Industrial****Veterinary****Market by Geography****North America**

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Spain

Rest of Europe (RoE)

Asia-Pacific (APAC)

Japan

China

India

Rest of APAC (RoAPAC)

Rest of World

Latin America

Middle East & Africa

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