

# Global Flat Panel Detector (FPD) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Flat Panel Detector (FPD) market size was valued at USD 1184.5 million in 2023 and is forecast to a readjusted size of USD 1444.1 million by 2030 with a CAGR of 2.9% during review period.

Flat Panel Detector is used in radiography for conversion of X-rays to light (indirect conversion) or charge (direct conversion) which is read out using thin film transistors (TFT array).

Flat Panel Detector (FPD) are mainly classified into Indirect FPD and Direct one. The former accounted for the larger part of the global revenue market, with 88.72% in 2019.

Flat Panel Detector (FPD) is needed in Medical, Dental, Industrial and other fields. Medical Industry consumed the largest part, with 72.71% of the sales share in 2019.

North America has the largest revenue share of FPD, accounting for 29.18% of the global total in 2019, while Europe and China were about 28.09% and 15.68%.

Varex Imaging, Trixell and Canon are the Top 3 players in the global market in 2019. They together accounted for about 58.12% of the revenue share in 2019.

The Global Info Research report includes an overview of the development of the Flat Panel Detector (FPD) industry chain, the market status of Medical (Indirect FPD, Direct FPD), Dental (Indirect FPD, Direct FPD), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications

and market trends of Flat Panel Detector (FPD).

Regionally, the report analyzes the Flat Panel Detector (FPD) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Flat Panel Detector (FPD) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

**Key Features:**

The report presents comprehensive understanding of the Flat Panel Detector (FPD) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Flat Panel Detector (FPD) industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Indirect FPD, Direct FPD).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Flat Panel Detector (FPD) market.

**Regional Analysis:** The report involves examining the Flat Panel Detector (FPD) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Flat Panel Detector (FPD) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Flat Panel Detector (FPD):

**Company Analysis:** Report covers individual Flat Panel Detector (FPD) manufacturers,

suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Flat Panel Detector (FPD) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Medical, Dental).

**Technology Analysis:** Report covers specific technologies relevant to Flat Panel Detector (FPD). It assesses the current state, advancements, and potential future developments in Flat Panel Detector (FPD) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Flat Panel Detector (FPD) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Flat Panel Detector (FPD) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Indirect FPD

Direct FPD

### Market segment by Application

Medical

Dental

Industrial

Others

#### Major players covered

iRay Technology

Vieworks

Rayence

DRTECH

Varex Imaging

Trixell

Canon

Jiangsu CareRay

Hamamatsu

Konica Minolta

Carestream Health

Teledyne DALSA

#### Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Flat Panel Detector (FPD) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Flat Panel Detector (FPD), with price, sales, revenue and global market share of Flat Panel Detector (FPD) from 2019 to 2024.

Chapter 3, the Flat Panel Detector (FPD) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Flat Panel Detector (FPD) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Flat Panel Detector (FPD) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Flat Panel Detector (FPD).

Chapter 14 and 15, to describe Flat Panel Detector (FPD) sales channel, distributors, customers, research findings and conclusion.

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