

# Digital Radiology Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

### Market Overview:

The global digital radiology market size reached US\$ 3.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 4.0 Billion by 2028, exhibiting a growth rate (CAGR) of 5.1% during 2023-2028.

Digital radiology (DR) is used to produce a digital radiographic image on a computer. It relies on x-ray sensitive plates to capture data during object examination and convert the incident x-ray radiation into an equivalent electric charge and a digital image through a detector sensor. It allows the acquisition, deletion, editing, and transferring of films while reducing noise, eliminating artifacts, and enhancing the contrast of images. It also helps transfer images to other computers for remote viewing and linking computers to digital record systems. As a result, it finds extensive applications in hospitals, diagnostic clinics, and dental care centers across the globe.

### Digital Radiology Market Trends:

At present, the growing demand for digital radiology in clinical diagnosis due to the high-quality picture processing and less radiation exposure represents one of the key factors driving the market. In addition, key market players are extensively investing in research and development (R&D) activities to introduce enhanced technologies for increasing the contrast and sharpness of images while inspecting injuries in real-time. They are also focusing on developing advanced modalities, such as multimodal or hybrid imaging systems. Besides this, there is a rise in the prevalence of chronic diseases, such as cancer, diabetes, heart and Alzheimer's disease, stroke, and pulmonary conditions. This, along with the burgeoning healthcare industry, is contributing to the growth of the

market. Moreover, the growing integration of artificial intelligence (AI) and cloud-based imaging in digital radiology solutions to improve diagnostic accuracy is offering a positive market outlook. Apart from this, the increasing demand for remote-controlled imaging devices that integrate fluoroscopy and radiography to improve clinical productivity and efficiency is propelling the growth of the market. Additionally, the rising awareness among the masses about using preventive healthcare and disease screening programs is bolstering the market growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global digital radiology market report, along with forecasts at the global, regional and country levels from 2023-2028. Our report has categorized the market based on product, application, technology and end user.

#### Breakup by Product:

- Stationary Digital Radiology System
- Portable Digital Radiology System

#### Breakup by Application:

- Cardiovascular Imaging
- Chest Imaging
- Dental Imaging
- Digital Mammography
- Orthopedic Imaging
- Others

#### Breakup by Technology:

- Direct Digital Radiology
- Computed Digital Radiology

#### Breakup by End User:

- Diagnostic Clinics
- Hospitals
- Others

## Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

## Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Acteon India Pvt. Ltd., Agfa-Gevaert N.V. (Interessengemeinschaft Farbenindustrie AG), Canon Inc., FUJIFILM Holdings Corporation, General Electric Company, Hologic Inc., Konica Minolta Inc., Koninklijke Philips N.V., MinXray Inc, Shimadzu Corporation, Siemens Healthineers AG (Siemens AG) and Swissray International Inc. (Swissray Global Healthcare).

## Key Questions Answered in This Report:

How has the global digital radiology market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global digital radiology market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the application?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global digital radiology market and who are the key players?

What is the degree of competition in the industry?

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