

4K Display Resolution Market Report by Product Type (Monitor, Smart TV, Smartphone, and Others), End User (Aerospace and Defence, Business and Education, Entertainment and Media, Retail and Advertisement, and Others), and Region 2024-2032

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Abstracts

The global 4K display resolution market size reached US\$ 100.4 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 504.2 Billion by 2032, exhibiting a growth rate (CAGR) of 19.2% during 2024-2032.

4K display resolution has four times as many pixels as high definition (HD) and allows users to see details that remain invisible to any other video format. It has the potential to deliver almost as much depth as three-dimensional (3D) screens and offers a wider color space, increased dynamic range (DR), and a high frame rate (HFR). Nowadays, 4K cameras and displays are becoming cheaper, smaller, and easier to use. As a result, there is a significant rise in the adoption of 4K display resolution in the aerospace, education, defense, retail, and media and entertainment industries across the globe.

4K Display Resolution Market Trends:

At present, the rising traction of flat-screen television (TVs) around the world currently represents one of the key factors propelling the growth of the market. In addition, 4K display resolution finds extensive applications in the healthcare industry for medical imaging as it offers better depth and perspective and richer detail than standard HD. Besides this, there is currently an increase in the utilization of telemedicine that allows healthcare professionals to evaluate, diagnose, and treat patients at a distance using telecommunications technology. Incorporating 4K display resolution can create a more natural experience and increase quality exchange than lower resolution solutions. Apart from this, using 4K projectors and displays generates a virtual environment where

medical professionals can interact with simulated patients, thereby creating more realistic training opportunities. This, coupled with the increasing reliance on smartphones, is fueling the growth of the market. Furthermore, the introduction of 4K enabled consoles that offer a more immersive and advanced gaming experience is anticipated to drive the market in the upcoming years.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global 4K display resolution market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product type and end user.

Breakup by Product Type:

- Monitor
- Smart TV
- Smartphone
- Others

Breakup by End User:

- Aerospace and Defence
- Business and Education
- Entertainment and Media
- Retail and Advertisement
- 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 AU Optronics Corp., Boe Technology Group Co. Ltd., Canon Inc., EIZO Corporation, Haier Group Corporation, Innolux Corporation, Koninklijke Philips N.V., LG Electronics Inc. (LG Corporation), Panasonic Corporation, Samsung Electronics Co. Ltd., Sharp Corporation and Sony Group Corporation.

Key Questions Answered in This Report

1. What was the size of the global 4K display resolution market in 2023?
2. What is the expected growth rate of the global 4K display resolution market during 2024-2032?
3. What are the key factors driving the global 4K display resolution market?
4. What has been the impact of COVID-19 on the global 4K display resolution market?
5. What is the breakup of the global 4K display resolution market based on the product type?
6. What is the breakup of the global 4K display resolution market based on the end user?
7. What are the key regions in the global 4K display resolution market?
8. Who are the key players/companies in the global 4K display resolution market?

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