

High Dynamic Range Market Forecast Shines with Promising Growth | Reaching USD 126.7 Billion by 2030

Adoption of HDR technology is being fueled by rising demand for improved visual experiences across industries such as entertainment, gaming, photography, etc.

PORTLAND, PORTLAND, OR, UNITED STATES, May 19, 2023

/EINPresswire.com/ -- The market for high dynamic range was estimated to be worth \$13,760.0 million in 2020 and is anticipated to grow at a CAGR of 25.1% to reach \$126,740.0 million by 2030.



One of the main factors propelling the worldwide high dynamic range market is the enduring need for large screen displays with high resolution. Additionally, the high potential for digital photography, the rising need for on-demand content delivery services, and the increased penetration of smartphones all significantly contribute to the expansion of the worldwide high dynamic range market. However, the requirement for significantly more bandwidth for broadcasting high dynamic range content restrains industry expansion.

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The High Dynamic Range (HDR) market is experiencing substantial growth and is driven by several key drivers and trends. Firstly, the increasing demand for enhanced visual experiences in various sectors, including entertainment, gaming, photography, and automotive, is propelling the adoption of HDR technology. HDR enables a wider range of brightness levels and greater color accuracy, resulting in more vibrant and realistic images.

Secondly, advancements in display technologies, such as OLED and quantum dot displays, are driving the HDR market. These display technologies offer improved contrast ratios and wider color gamuts, making them well-suited for HDR content. The integration of HDR into televisions,

monitors, smartphones, and other display devices is rapidly increasing, as consumers seek immersive and visually captivating experiences.

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The growing popularity of streaming services and content platforms delivering HDR content is fueling the demand for HDR-compatible devices. Major streaming platforms, as well as content producers, are investing in HDR content production and distribution, driving the need for HDR-enabled devices to ensure optimal viewing experiences.

The automotive industry is emerging as a significant driver of the HDR market. HDR technology is being incorporated into automotive displays, infotainment systems, and advanced driver-assistance systems (ADAS). HDR enhances visibility, improves safety, and provides a better viewing experience for passengers, contributing to the adoption of HDR in the automotive sector.

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In summary, the HDR market is driven by the demand for enhanced visual experiences, advancements in display technologies, the popularity of streaming services delivering HDR content, and the integration of HDR into the automotive industry. These drivers, along with ongoing technological advancements and increasing consumer expectations, are expected to fuel the growth of the HDR market and drive further innovation in the coming years.

Some of the key high dynamic range industry players profiled in the report include Apple, Inc., Canon, Nikon Corporation, Samsung Electronics Co., Ltd., LG Display Co., Ltd., Omnivision Technologies, Olympus Corp., Sony Corporation, Fujifilm Holding Corporation, and Casio Computer Co., Ltd. This study includes market trends, high dynamic range market analysis, and future estimations to determine the imminent investment pockets.

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Lastly, this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the

market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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