

High Dynamic Range (HDR) Market to Reach \$126.74 Billion by 2030 from \$13.76 Billion in 2020, Growing at 25.1% CAGR

WILMINGTON, NEW CASTLE, DE, UNITED STATES, June 22, 2026 /EINPresswire.com/ -- Allied Market Research recently published a report, titled, "[High Dynamic Range Market](#) by Type (HDR10, HDR10+, Hybrid Log-Gamma, Dolby Vision, 4K, and Others), Product Type (Capturing Devices and Display Devices), and Application (Video Streaming, Gaming, and Entertainment): Global Opportunity Analysis and Industry Forecast, 2021–2030". As per the report, the global high dynamic range industry was valued at \$13,760.0 million in 2020, and is projected to reach \$126,740.0 million by 2030, registering a CAGR of 25.1%.



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By type, the HDR 10+ segment held the largest share in 2020, accounting for more than one-third of the global high dynamic range market, as it uses dynamic metadata rather than static, making the picture look more realistic. However, the Dolby vision segment is expected to register the highest CAGR of 28.2% during the forecast period, as it offers several advantages over HDR formats.

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By application, the entertainment segment held the lion's share in 2020, contributing to nearly half of the global high dynamic range industry. However, the video streaming segment is estimated to manifest the highest CAGR of 27.1% from 2021 to 2030, due to rise in demand for high dynamic range video streaming as it offers higher contrast and precise & detailed shadows with more clarity.

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By region, the market across North America dominated in 2020, holding around two-fifths of the market, due to strong presence of successful camera brands and manufacturers in the region. However, the global high dynamic range market across Asia-Pacific is projected to portray the highest CAGR of 28.1% during the forecast period, owing to surge in demand from gaming, media, and entertainment industries.

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During the Covid-19 pandemic, the demand for video streaming and entertainment increased during the lockdown, boosting the demand for high dynamic range solutions.

However, the pandemic negatively affected the market due to a disrupted supply chain and drop in the production of displays. Moreover, the shortage of logistics support, quarantine procedures, and shortage of labor hampered the market.

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By type, in 2020 the HDR 10+ dominated the High dynamic range market size.

However, the Dolby vision segment is expected to exhibit significant growth during high dynamic range market forecast period.

Depending on product type, the capturing devices generated the highest revenue in 2020. However, the display devices segment is expected to exhibit significant growth during the forecast period.

Region wise, the high dynamic range industry was dominated by North America region. However, Asia-Pacific is expected to witness significant growth in the upcoming years.

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David Correa

Allied Market Research

+++++++ +1 800-792-5285

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