

Global Near-Eye Display Market Size study, By Technology (TFT LCD, AMOLED, MicroLED, Laser Beam Scanning, Others), By Device Type (AR Devices, VR Devices, Others), By Vertical (Consumer, Automotive, Aerospace & Defense, Medical, Others), and Regional Forecasts 2022-2028

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Abstracts

Global Near-Eye Display Market is valued at approximately USDXX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028. Near Eye Displays (NED) are also referred to as wearable displays and head-mounted displays (HMD) help in forming a virtual image in the field of view of one or both eyes. This display is gaining huge traction among the various end-use industries such as consumer, automotive, aerospace & defense, medical, and many others. The surging demand for OLEDoS microdisplays in emerging applications such as imaging, projection, smart glasses, increasing adoption of AR devices in different verticals, and the rising popularity of metaverse are the major factors fostering the market demand across the globe. For instance, as per Statista, in 2020, the total number of mobile augmented reality (AR) active users globally is recorded as 600 million people and the number of users is projected to reach around 1730 million by 2024. Thereby, the rising adoption of mobile augmented reality devices by the population is exhibiting a positive influence on the market growth in the near future. However, several health issues are associated with excessive use of AR and VR devices, and minimizing latency for AR and VR displays impedes the growth of the market over the forecast period of 2022-2028. Also, the rising focus of market players on filing patents and spending more on R&D activities, and growing investments in the development of innovative near-eye display products are anticipated to act as catalyzing factors for the market demand during the forecast period.

The key regions considered for the global Near-Eye Display Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share because of the increasing expenditure on technological development activities and presence of the leading market players. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the growing adoption of Augmented Reality (AR) and Virtual Reality (VR) technologies, as well as surging demand for near-eye display integrated devices, would create lucrative growth prospects for the Near-Eye Display Market across the Asia-Pacific region.

Major market players included in this report are:

Sony Group Corporation
Himax Technologies, Inc.
Kopin Corporation
eMagin Corporation
MICROOLED Technologies
BOE Technology Group Co., Ltd.
Syndiant, Inc.
Plessey
JBD Xianyao Display Technology
TriLite Technologies GmbH

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

TFT LCD
AMOLED
MicroLED
Laser Beam Scanning
Others

By Device Type:

AR Devices

VR Devices

Others

By Vertical:

Consumer

Automotive

Aerospace & Defense

Medical

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Near-Eye Display Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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