

## **OLED Microdisplay Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028**

Market Report | 2023-05-29 | 142 pages | IMARC Group

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### **Report description:**

The global OLED microdisplay market size reached US\$ 192.8 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 670.9 Million by 2028, exhibiting a growth rate (CAGR) of 22.3% during 2023-2028.

An organic light-emitting diode (OLED) microdisplay refers to a miniaturized high-resolution display that offers faster response time and high contrast. Projections and near-to-eye are some of the common types of OLED microdisplay. It is manufactured using thin films of organic light-emitting materials and circuits on a silicon backplane to control the individual pixels and emit light when electricity is applied. OLED microdisplay is widely used in rear-projection televisions, electrical viewfinder (EVF) for digital cameras, electronic monocular, augmented reality (AR) and virtual reality (VR) glasses. It provides high speed and brilliant colors, low power consumption, no backlight, faster refresh rate and a wide operating temperature range. As a result, it finds extensive applications across healthcare, military, electronics, and automotive industries.

### **OLED Microdisplay Market Trends:**

The increasing product utilization in the consumer electronics industry across the globe is creating a positive outlook for the market. OLED microdisplays are widely used in digital cameras and virtual reality headsets that are compatible with various devices, such as smartphones, to offer an improved gaming experience. In line with this, the shifting consumer preference toward miniaturization of electronic devices and a display with wide-view angle and cleaner image are augmenting the market growth. Moreover, various technological innovations, such as the introduction of ultra-high-definition and high-definition (UHD/HD) OLED microdisplays that provide high optical performance with excellent contrast ratio, are providing an impetus to the market growth. Additionally, the widespread product adoption in the automotive industry for prototyping the virtual designing of the vehicle and their interiors is positively impacting the market growth. Other factors, including increasing demand for medical displays and wearables, widespread product adoption in the aerospace and defense sector for manufacturing military electronics, and the extensive research and development (R&D) activities, are anticipated to drive the market further toward growth.

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Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global OLED microdisplay market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, resolution and end use industry.

Breakup by Type:

Near-To-Eye  
Projections

Breakup by Resolution:

HD  
Full HD

Breakup by End Use Industry:

Automotive  
Healthcare  
Consumer Electronics  
Military  
Law Enforcement  
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

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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 eMagin Corporation, Fraunhofer FEP, Kopin Corporation, MicroOLED S.A.S. (Photonis Technologies SAS), Seiko Epson Corporation, Silicon Micro Display Inc., Sony Group Corporation, Sunlike Display Tech Corporation, Winstar Display Co. Ltd. and WiseChip Semiconductor Inc.

#### Key Questions Answered in This Report

1. What was the size of the global OLED microdisplay market in 2022?
2. What is the expected growth rate of the global OLED microdisplay market during 2023-2028?
3. What are the key factors driving the global OLED microdisplay market?
4. What has been the impact of COVID-19 on the global OLED microdisplay market?
5. What is the breakup of the global OLED microdisplay market based on the type?
6. What is the breakup of the global OLED microdisplay market based on the end use industry?
7. What are the key regions in the global OLED microdisplay market?
8. Who are the key players/companies in the global OLED microdisplay market?

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