

Global AR Optical Waveguide Market Growth 2022-2028

<https://marketpublishers.com/r/GB292F7F517CEN.html>

Date: December 2022

Pages: 111

Price: US\$ 3,660.00 (Single User License)

ID: GB292F7F517CEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

AR Optical Waveguide solves the contradiction between the size of the AR device and the viewing angle, and greatly reduces the thickness of the lens. The thickness of the AR optical waveguide can be compressed to less than 3mm, and at the same time, it has excellent performances such as large field of view, high light transmittance, high resolution, and wide eye movement range.

The global market for AR Optical Waveguide is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC AR Optical Waveguide market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States AR Optical Waveguide market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe AR Optical Waveguide market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China AR Optical Waveguide market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key AR Optical Waveguide players cover Lumus, Shanghai Raypai Photonic Crystal Ltd, Microsoft, Wave Optics and Dispelix, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global AR Optical Waveguide market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global AR Optical Waveguide market, with both quantitative and qualitative data, to help readers understand how the AR Optical Waveguide market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

Market Segmentation:

The study segments the AR Optical Waveguide market and forecasts the market size by Type (Arrayed Optical Waveguide, Surface Relief Optical Waveguide and Volume Holographic Optical Waveguide), by Application (Medical, Industry, Educate and Entertainment), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Arrayed Optical Waveguide

Surface Relief Optical Waveguide

Volume Holographic Optical Waveguide

Segmentation by application

Medical

Industry

Educate

Entertainment

Other

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Lumus

Shanghai Raypai Photonic Crystal Ltd

Microsoft

Wave Optics

Dispelix

Goertek

North Ocean Photonics

Crystal-Optoech

Lochn Optics

Magic Leap

Greater

Optiark Semiconductor

Google

DigiLens

Apple

TRIPOLE OPTOELECTRONICS

Lingxi-AR Technology Co., Ltd.

Sunny Optical Technology (Group) Company Limited

Beijing NED Display Technology Co., LTD

Chapter Introduction

Chapter 1: Scope of AR Optical Waveguide, Research Methodology, etc.

Chapter 2: Executive Summary, global AR Optical Waveguide market size (sales and revenue) and CAGR, AR Optical Waveguide market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: AR Optical Waveguide sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global AR Optical Waveguide sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global AR Optical Waveguide market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Lumus, Shanghai Raypai Photonic Crystal Ltd, Microsoft, Wave Optics, Dispelix, Goertek, North Ocean Photonics, Crystal-Optoech and Lochn Optics, etc.

Chapter 14: Research Findings and Conclusion

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