

Global AR Resin Waveguide Lenses Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GE3DE1A46EE2EN.html>

Date: June 2026

Pages: 101

Price: US\$ 3,480.00 (Single User License)

ID: GE3DE1A46EE2EN

Abstracts

According to our (Global Info Research) latest study, the global AR Resin Waveguide Lenses market size was valued at US\$ 63.38 million in 2025 and is forecast to a readjusted size of US\$ 217 million by 2032 with a CAGR of 18.4% during review period.

In 2025, global AR Resin Waveguide Lenses production reached approximately 440 K pcs, with an average global market price of around 140 US\$/pc.

AR Resin Waveguide Lenses are core optical components designed for Augmented Reality (AR) devices, integrating resin-based optical materials with waveguide technology to transmit and project virtual digital information onto the user's field of view while maintaining clear visibility of the real environment. Composed of a high-transparency resin substrate, precision-etched waveguide structures (such as grating or prism arrays), and anti-reflective coatings, these lenses are lightweight, impact-resistant, and compact, overcoming the limitations of traditional glass lenses in terms of weight and form factor. They work by guiding light from AR display modules (e.g., micro-LEDs, OLEDs) through internal total reflection within the resin waveguide, then diffracting the light to the user's eyes, enabling seamless overlay of virtual content (text, images, data) onto the real world. Characterized by high light transmittance, low optical distortion, and compatibility with miniaturized AR device designs, they are essential for realizing portable, comfortable AR experiences in consumer and industrial applications.

The demand for AR Resin Waveguide Lenses is driven by the rapid development of the global AR industry, the expanding application scope of AR devices, and the increasing demand for lightweight, high-performance optical components. From the demand side,

the growing popularity of consumer AR headsets, smart glasses, and AR-enabled mobile devices boosts the need for high-quality resin waveguide lenses that balance performance and portability; industrial sectors (such as manufacturing, healthcare, and logistics) also drive demand for durable, high-precision AR lenses for wearable inspection, training, and navigation tools. Additionally, the trend toward miniaturization, higher resolution, and lower power consumption of AR devices further fuels the demand for advanced resin waveguide lenses. In terms of business opportunities, developing high-transmittance, low-distortion resin waveguide lenses with improved scratch resistance and anti-fog capabilities can address key user pain points. Providing customized solutions for different AR device types (consumer smart glasses, industrial AR headsets) and integrating advanced grating design to enhance light efficiency can enhance market competitiveness. Cooperating with AR device manufacturers, optical module suppliers, and consumer electronics brands to integrate lenses into their product lines can expand market coverage. Furthermore, investing in R&D to reduce production costs and developing eco-friendly resin materials can seize opportunities in the fast-growing AR market, while expanding applications to emerging fields such as AR automotive displays and smart wearables can further diversify market reach.

This report is a detailed and comprehensive analysis for global AR Resin Waveguide Lenses market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Waveguide Principle and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global AR Resin Waveguide Lenses market size and forecasts, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global AR Resin Waveguide Lenses market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global AR Resin Waveguide Lenses market size and forecasts, by Waveguide Principle and by Application, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global AR Resin Waveguide Lenses market shares of main players, shipments in revenue (\$ Million), sales quantity (K Pcs), and ASP (US\$/Pcs), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for AR Resin Waveguide Lenses

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global AR Resin Waveguide Lenses market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Meta-Bounds, North Ocean Photonics, HUYNEW TECHNOLOGY, GOOLTON, Cellid, Optinvent, Dispelix, Vuzix, Crystal-Optech, Greatar, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

AR Resin Waveguide Lenses market is split by Waveguide Principle and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Waveguide Principle, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Waveguide Principle

Diffraction Resin Waveguide Lenses

Reflective Resin Waveguide Lenses

Holographic Resin Waveguide Lenses

Others

Market segment by Resin Material Type

PMMA Resin Waveguide Lenses

PC Resin Waveguide Lenses

COP/COC Resin Waveguide Lenses

Others

Market segment by Optical Configuration

Monocular Resin Waveguide Lenses

Binocular Resin Waveguide Lenses

Full-Color Resin Waveguide Lenses

Others

Market segment by Application

Consumer AR Smart Glasses

Industrial AR Devices

Medical AR Visualization Equipment

Automotive AR Display Systems

Education and Training AR Devices

Others

Major players covered

Meta-Bounds

North Ocean Photonics

HUYNEW TECHNOLOGY

GOOLTON

Cellid

Optinvent

Dispelix

Vuzix

Crystal-Optech

Greatar

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe AR Resin Waveguide Lenses product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of AR Resin Waveguide Lenses, with price, sales quantity, revenue, and global market share of AR Resin Waveguide Lenses from 2021 to 2026.

Chapter 3, the AR Resin Waveguide Lenses competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the AR Resin Waveguide Lenses breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Waveguide Principle and by Application, with sales market share and growth rate by Waveguide Principle, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and AR Resin Waveguide Lenses market forecast, by regions, by Waveguide Principle, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of AR Resin Waveguide Lenses.

Chapter 14 and 15, to describe AR Resin Waveguide Lenses sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Waveguide Principle

1.3.1 Overview: Global AR Resin Waveguide Lenses Consumption Value by Waveguide Principle: 2021 Versus 2025 Versus 2032

1.3.2 Diffractive Resin Waveguide Lenses

1.3.3 Reflective Resin Waveguide Lenses

1.3.4 Holographic Resin Waveguide Lenses

1.3.5 Others

1.4 Market Analysis by Resin Material Type

1.4.1 Overview: Global AR Resin Waveguide Lenses Consumption Value by Resin Material Type: 2021 Versus 2025 Versus 2032

1.4.2 PMMA Resin Waveguide Lenses

1.4.3 PC Resin Waveguide Lenses

1.4.4 COP/COC Resin Waveguide Lenses

1.4.5 Others

1.5 Market Analysis by Optical Configuration

1.5.1 Overview: Global AR Resin Waveguide Lenses Consumption Value by Optical Configuration: 2021 Versus 2025 Versus 2032

1.5.2 Monocular Resin Waveguide Lenses

1.5.3 Binocular Resin Waveguide Lenses

1.5.4 Full-Color Resin Waveguide Lenses

1.5.5 Others

1.6 Market Analysis by Application

1.6.1 Overview: Global AR Resin Waveguide Lenses Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Consumer AR Smart Glasses

1.6.3 Industrial AR Devices

1.6.4 Medical AR Visualization Equipment

1.6.5 Automotive AR Display Systems

1.6.6 Education and Training AR Devices

1.6.7 Others

1.7 Global AR Resin Waveguide Lenses Market Size & Forecast

1.7.1 Global AR Resin Waveguide Lenses Consumption Value (2021 & 2025 & 2032)

1.7.2 Global AR Resin Waveguide Lenses Sales Quantity (2021-2032)

1.7.3 Global AR Resin Waveguide Lenses Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Meta-Bounds

2.1.1 Meta-Bounds Details

2.1.2 Meta-Bounds Major Business

2.1.3 Meta-Bounds AR Resin Waveguide Lenses Product and Services

2.1.4 Meta-Bounds AR Resin Waveguide Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Meta-Bounds Recent Developments/Updates

2.2 North Ocean Photonics

2.2.1 North Ocean Photonics Details

2.2.2 North Ocean Photonics Major Business

2.2.3 North Ocean Photonics AR Resin Waveguide Lenses Product and Services

2.2.4 North Ocean Photonics AR Resin Waveguide Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 North Ocean Photonics Recent Developments/Updates

2.3 HUYNEW TECHNOLOGY

2.3.1 HUYNEW TECHNOLOGY Details

2.3.2 HUYNEW TECHNOLOGY Major Business

2.3.3 HUYNEW TECHNOLOGY AR Resin Waveguide Lenses Product and Services

2.3.4 HUYNEW TECHNOLOGY AR Resin Waveguide Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 HUYNEW TECHNOLOGY Recent Developments/Updates

2.4 GOOLTON

2.4.1 GOOLTON Details

2.4.2 GOOLTON Major Business

2.4.3 GOOLTON AR Resin Waveguide Lenses Product and Services

2.4.4 GOOLTON AR Resin Waveguide Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 GOOLTON Recent Developments/Updates

2.5 Cellid

2.5.1 Cellid Details

2.5.2 Cellid Major Business

2.5.3 Cellid AR Resin Waveguide Lenses Product and Services

2.5.4 Cellid AR Resin Waveguide Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Cellid Recent Developments/Updates

2.6 Optinvent

2.6.1 Optinvent Details

2.6.2 Optinvent Major Business

2.6.3 Optinvent AR Resin Waveguide Lenses Product and Services

2.6.4 Optinvent AR Resin Waveguide Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Optinvent Recent Developments/Updates

2.7 Dispelix

2.7.1 Dispelix Details

2.7.2 Dispelix Major Business

2.7.3 Dispelix AR Resin Waveguide Lenses Product and Services

2.7.4 Dispelix AR Resin Waveguide Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Dispelix Recent Developments/Updates

2.8 Vuzix

2.8.1 Vuzix Details

2.8.2 Vuzix Major Business

2.8.3 Vuzix AR Resin Waveguide Lenses Product and Services

2.8.4 Vuzix AR Resin Waveguide Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Vuzix Recent Developments/Updates

2.9 Crystal-Optech

2.9.1 Crystal-Optech Details

2.9.2 Crystal-Optech Major Business

2.9.3 Crystal-Optech AR Resin Waveguide Lenses Product and Services

2.9.4 Crystal-Optech AR Resin Waveguide Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Crystal-Optech Recent Developments/Updates

2.10 Greater

2.10.1 Greater Details

2.10.2 Greater Major Business

2.10.3 Greater AR Resin Waveguide Lenses Product and Services

2.10.4 Greater AR Resin Waveguide Lenses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Greater Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AR RESIN WAVEGUIDE LENSES BY MANUFACTURER

- 3.1 Global AR Resin Waveguide Lenses Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global AR Resin Waveguide Lenses Revenue by Manufacturer (2021-2026)
- 3.3 Global AR Resin Waveguide Lenses Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of AR Resin Waveguide Lenses by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 AR Resin Waveguide Lenses Manufacturer Market Share in 2025
 - 3.4.3 Top 6 AR Resin Waveguide Lenses Manufacturer Market Share in 2025
- 3.5 AR Resin Waveguide Lenses Market: Overall Company Footprint Analysis
 - 3.5.1 AR Resin Waveguide Lenses Market: Region Footprint
 - 3.5.2 AR Resin Waveguide Lenses Market: Company Product Type Footprint
 - 3.5.3 AR Resin Waveguide Lenses Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global AR Resin Waveguide Lenses Market Size by Region
 - 4.1.1 Global AR Resin Waveguide Lenses Sales Quantity by Region (2021-2032)
 - 4.1.2 Global AR Resin Waveguide Lenses Consumption Value by Region (2021-2032)
 - 4.1.3 Global AR Resin Waveguide Lenses Average Price by Region (2021-2032)
- 4.2 North America AR Resin Waveguide Lenses Consumption Value (2021-2032)
- 4.3 Europe AR Resin Waveguide Lenses Consumption Value (2021-2032)
- 4.4 Asia-Pacific AR Resin Waveguide Lenses Consumption Value (2021-2032)
- 4.5 South America AR Resin Waveguide Lenses Consumption Value (2021-2032)
- 4.6 Middle East & Africa AR Resin Waveguide Lenses Consumption Value (2021-2032)

5 MARKET SEGMENT BY WAVEGUIDE PRINCIPLE

- 5.1 Global AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2021-2032)
- 5.2 Global AR Resin Waveguide Lenses Consumption Value by Waveguide Principle (2021-2032)
- 5.3 Global AR Resin Waveguide Lenses Average Price by Waveguide Principle (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global AR Resin Waveguide Lenses Sales Quantity by Application (2021-2032)

6.2 Global AR Resin Waveguide Lenses Consumption Value by Application
(2021-2032)

6.3 Global AR Resin Waveguide Lenses Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle
(2021-2032)

7.2 North America AR Resin Waveguide Lenses Sales Quantity by Application
(2021-2032)

7.3 North America AR Resin Waveguide Lenses Market Size by Country

7.3.1 North America AR Resin Waveguide Lenses Sales Quantity by Country
(2021-2032)

7.3.2 North America AR Resin Waveguide Lenses Consumption Value by Country
(2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle
(2021-2032)

8.2 Europe AR Resin Waveguide Lenses Sales Quantity by Application (2021-2032)

8.3 Europe AR Resin Waveguide Lenses Market Size by Country

8.3.1 Europe AR Resin Waveguide Lenses Sales Quantity by Country (2021-2032)

8.3.2 Europe AR Resin Waveguide Lenses Consumption Value by Country
(2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle
(2021-2032)

9.2 Asia-Pacific AR Resin Waveguide Lenses Sales Quantity by Application

(2021-2032)

9.3 Asia-Pacific AR Resin Waveguide Lenses Market Size by Region

9.3.1 Asia-Pacific AR Resin Waveguide Lenses Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific AR Resin Waveguide Lenses Consumption Value by Region

(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2021-2032)

10.2 South America AR Resin Waveguide Lenses Sales Quantity by Application (2021-2032)

10.3 South America AR Resin Waveguide Lenses Market Size by Country

10.3.1 South America AR Resin Waveguide Lenses Sales Quantity by Country (2021-2032)

10.3.2 South America AR Resin Waveguide Lenses Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2021-2032)

11.2 Middle East & Africa AR Resin Waveguide Lenses Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa AR Resin Waveguide Lenses Market Size by Country

11.3.1 Middle East & Africa AR Resin Waveguide Lenses Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa AR Resin Waveguide Lenses Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 AR Resin Waveguide Lenses Market Drivers

12.2 AR Resin Waveguide Lenses Market Restraints

12.3 AR Resin Waveguide Lenses Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of AR Resin Waveguide Lenses and Key Manufacturers

13.2 Manufacturing Costs Percentage of AR Resin Waveguide Lenses

13.3 AR Resin Waveguide Lenses Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 AR Resin Waveguide Lenses Typical Distributors

14.3 AR Resin Waveguide Lenses Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global AR Resin Waveguide Lenses Consumption Value by Waveguide Principle, (USD Million), 2021 & 2025 & 2032

Table 2. Global AR Resin Waveguide Lenses Consumption Value by Resin Material Type, (USD Million), 2021 & 2025 & 2032

Table 3. Global AR Resin Waveguide Lenses Consumption Value by Optical Configuration, (USD Million), 2021 & 2025 & 2032

Table 4. Global AR Resin Waveguide Lenses Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Meta-Bounds Basic Information, Manufacturing Base and Competitors

Table 6. Meta-Bounds Major Business

Table 7. Meta-Bounds AR Resin Waveguide Lenses Product and Services

Table 8. Meta-Bounds AR Resin Waveguide Lenses Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Meta-Bounds Recent Developments/Updates

Table 10. North Ocean Photonics Basic Information, Manufacturing Base and Competitors

Table 11. North Ocean Photonics Major Business

Table 12. North Ocean Photonics AR Resin Waveguide Lenses Product and Services

Table 13. North Ocean Photonics AR Resin Waveguide Lenses Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. North Ocean Photonics Recent Developments/Updates

Table 15. HUYNEW TECHNOLOGY Basic Information, Manufacturing Base and Competitors

Table 16. HUYNEW TECHNOLOGY Major Business

Table 17. HUYNEW TECHNOLOGY AR Resin Waveguide Lenses Product and Services

Table 18. HUYNEW TECHNOLOGY AR Resin Waveguide Lenses Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. HUYNEW TECHNOLOGY Recent Developments/Updates

Table 20. GOOLTON Basic Information, Manufacturing Base and Competitors

Table 21. GOOLTON Major Business

Table 22. GOOLTON AR Resin Waveguide Lenses Product and Services

Table 23. GOOLTON AR Resin Waveguide Lenses Sales Quantity (K Pcs), Average

Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. GOOLTON Recent Developments/Updates

Table 25. Cellid Basic Information, Manufacturing Base and Competitors

Table 26. Cellid Major Business

Table 27. Cellid AR Resin Waveguide Lenses Product and Services

Table 28. Cellid AR Resin Waveguide Lenses Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Cellid Recent Developments/Updates

Table 30. Optinvent Basic Information, Manufacturing Base and Competitors

Table 31. Optinvent Major Business

Table 32. Optinvent AR Resin Waveguide Lenses Product and Services

Table 33. Optinvent AR Resin Waveguide Lenses Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Optinvent Recent Developments/Updates

Table 35. Dispelix Basic Information, Manufacturing Base and Competitors

Table 36. Dispelix Major Business

Table 37. Dispelix AR Resin Waveguide Lenses Product and Services

Table 38. Dispelix AR Resin Waveguide Lenses Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Dispelix Recent Developments/Updates

Table 40. Vuzix Basic Information, Manufacturing Base and Competitors

Table 41. Vuzix Major Business

Table 42. Vuzix AR Resin Waveguide Lenses Product and Services

Table 43. Vuzix AR Resin Waveguide Lenses Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Vuzix Recent Developments/Updates

Table 45. Crystal-Optech Basic Information, Manufacturing Base and Competitors

Table 46. Crystal-Optech Major Business

Table 47. Crystal-Optech AR Resin Waveguide Lenses Product and Services

Table 48. Crystal-Optech AR Resin Waveguide Lenses Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Crystal-Optech Recent Developments/Updates

Table 50. Greatar Basic Information, Manufacturing Base and Competitors

Table 51. Greatar Major Business

Table 52. Greatar AR Resin Waveguide Lenses Product and Services

Table 53. Greatar AR Resin Waveguide Lenses Sales Quantity (K Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Greatar Recent Developments/Updates

Table 55. Global AR Resin Waveguide Lenses Sales Quantity by Manufacturer (2021-2026) & (K Pcs)

Table 56. Global AR Resin Waveguide Lenses Revenue by Manufacturer (2021-2026) & (USD Million)

Table 57. Global AR Resin Waveguide Lenses Average Price by Manufacturer (2021-2026) & (US\$/Pcs)

Table 58. Market Position of Manufacturers in AR Resin Waveguide Lenses, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 59. Head Office and AR Resin Waveguide Lenses Production Site of Key Manufacturer

Table 60. AR Resin Waveguide Lenses Market: Company Product Type Footprint

Table 61. AR Resin Waveguide Lenses Market: Company Product Application Footprint

Table 62. AR Resin Waveguide Lenses New Market Entrants and Barriers to Market Entry

Table 63. AR Resin Waveguide Lenses Mergers, Acquisition, Agreements, and Collaborations

Table 64. Global AR Resin Waveguide Lenses Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 65. Global AR Resin Waveguide Lenses Sales Quantity by Region (2021-2026) & (K Pcs)

Table 66. Global AR Resin Waveguide Lenses Sales Quantity by Region (2027-2032) & (K Pcs)

Table 67. Global AR Resin Waveguide Lenses Consumption Value by Region (2021-2026) & (USD Million)

Table 68. Global AR Resin Waveguide Lenses Consumption Value by Region (2027-2032) & (USD Million)

Table 69. Global AR Resin Waveguide Lenses Average Price by Region (2021-2026) & (US\$/Pcs)

Table 70. Global AR Resin Waveguide Lenses Average Price by Region (2027-2032) & (US\$/Pcs)

Table 71. Global AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2021-2026) & (K Pcs)

Table 72. Global AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2027-2032) & (K Pcs)

Table 73. Global AR Resin Waveguide Lenses Consumption Value by Waveguide Principle (2021-2026) & (USD Million)

Table 74. Global AR Resin Waveguide Lenses Consumption Value by Waveguide Principle (2027-2032) & (USD Million)

Table 75. Global AR Resin Waveguide Lenses Average Price by Waveguide Principle

(2021-2026) & (US\$/Pcs)

Table 76. Global AR Resin Waveguide Lenses Average Price by Waveguide Principle
(2027-2032) & (US\$/Pcs)

Table 77. Global AR Resin Waveguide Lenses Sales Quantity by Application
(2021-2026) & (K Pcs)

Table 78. Global AR Resin Waveguide Lenses Sales Quantity by Application
(2027-2032) & (K Pcs)

Table 79. Global AR Resin Waveguide Lenses Consumption Value by Application
(2021-2026) & (USD Million)

Table 80. Global AR Resin Waveguide Lenses Consumption Value by Application
(2027-2032) & (USD Million)

Table 81. Global AR Resin Waveguide Lenses Average Price by Application
(2021-2026) & (US\$/Pcs)

Table 82. Global AR Resin Waveguide Lenses Average Price by Application
(2027-2032) & (US\$/Pcs)

Table 83. North America AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2021-2026) & (K Pcs)

Table 84. North America AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2027-2032) & (K Pcs)

Table 85. North America AR Resin Waveguide Lenses Sales Quantity by Application
(2021-2026) & (K Pcs)

Table 86. North America AR Resin Waveguide Lenses Sales Quantity by Application
(2027-2032) & (K Pcs)

Table 87. North America AR Resin Waveguide Lenses Sales Quantity by Country
(2021-2026) & (K Pcs)

Table 88. North America AR Resin Waveguide Lenses Sales Quantity by Country
(2027-2032) & (K Pcs)

Table 89. North America AR Resin Waveguide Lenses Consumption Value by Country
(2021-2026) & (USD Million)

Table 90. North America AR Resin Waveguide Lenses Consumption Value by Country
(2027-2032) & (USD Million)

Table 91. Europe AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle
(2021-2026) & (K Pcs)

Table 92. Europe AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle
(2027-2032) & (K Pcs)

Table 93. Europe AR Resin Waveguide Lenses Sales Quantity by Application
(2021-2026) & (K Pcs)

Table 94. Europe AR Resin Waveguide Lenses Sales Quantity by Application
(2027-2032) & (K Pcs)

Table 95. Europe AR Resin Waveguide Lenses Sales Quantity by Country (2021-2026) & (K Pcs)

Table 96. Europe AR Resin Waveguide Lenses Sales Quantity by Country (2027-2032) & (K Pcs)

Table 97. Europe AR Resin Waveguide Lenses Consumption Value by Country (2021-2026) & (USD Million)

Table 98. Europe AR Resin Waveguide Lenses Consumption Value by Country (2027-2032) & (USD Million)

Table 99. Asia-Pacific AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2021-2026) & (K Pcs)

Table 100. Asia-Pacific AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2027-2032) & (K Pcs)

Table 101. Asia-Pacific AR Resin Waveguide Lenses Sales Quantity by Application (2021-2026) & (K Pcs)

Table 102. Asia-Pacific AR Resin Waveguide Lenses Sales Quantity by Application (2027-2032) & (K Pcs)

Table 103. Asia-Pacific AR Resin Waveguide Lenses Sales Quantity by Region (2021-2026) & (K Pcs)

Table 104. Asia-Pacific AR Resin Waveguide Lenses Sales Quantity by Region (2027-2032) & (K Pcs)

Table 105. Asia-Pacific AR Resin Waveguide Lenses Consumption Value by Region (2021-2026) & (USD Million)

Table 106. Asia-Pacific AR Resin Waveguide Lenses Consumption Value by Region (2027-2032) & (USD Million)

Table 107. South America AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2021-2026) & (K Pcs)

Table 108. South America AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2027-2032) & (K Pcs)

Table 109. South America AR Resin Waveguide Lenses Sales Quantity by Application (2021-2026) & (K Pcs)

Table 110. South America AR Resin Waveguide Lenses Sales Quantity by Application (2027-2032) & (K Pcs)

Table 111. South America AR Resin Waveguide Lenses Sales Quantity by Country (2021-2026) & (K Pcs)

Table 112. South America AR Resin Waveguide Lenses Sales Quantity by Country (2027-2032) & (K Pcs)

Table 113. South America AR Resin Waveguide Lenses Consumption Value by Country (2021-2026) & (USD Million)

Table 114. South America AR Resin Waveguide Lenses Consumption Value by Country

(2027-2032) & (USD Million)

Table 115. Middle East & Africa AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2021-2026) & (K Pcs)

Table 116. Middle East & Africa AR Resin Waveguide Lenses Sales Quantity by Waveguide Principle (2027-2032) & (K Pcs)

Table 117. Middle East & Africa AR Resin Waveguide Lenses Sales Quantity by Application (2021-2026) & (K Pcs)

Table 118. Middle East & Africa AR Resin Waveguide Lenses Sales Quantity by Application (2027-2032) & (K Pcs)

Table 119. Middle East & Africa AR Resin Waveguide Lenses Sales Quantity by Country (2021-2026) & (K Pcs)

Table 120. Middle East & Africa AR Resin Waveguide Lenses Sales Quantity by Country (2027-2032) & (K Pcs)

Table 121. Middle East & Africa AR Resin Waveguide Lenses Consumption Value by Country (2021-2026) & (USD Million)

Table 122. Middle East & Africa AR Resin Waveguide Lenses Consumption Value by Country (2027-2032) & (USD Million)

Table 123. AR Resin Waveguide Lenses Raw Material

Table 124. Key Manufacturers of AR Resin Waveguide Lenses Raw Materials

Table 125. AR Resin Waveguide Lenses Typical Distributors

Table 126. AR Resin Waveguide Lenses Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. AR Resin Waveguide Lenses Picture
- Figure 2. Global AR Resin Waveguide Lenses Revenue by Waveguide Principle, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global AR Resin Waveguide Lenses Revenue Market Share by Waveguide Principle in 2025
- Figure 4. Diffractive Resin Waveguide Lenses Examples
- Figure 5. Reflective Resin Waveguide Lenses Examples
- Figure 6. Holographic Resin Waveguide Lenses Examples
- Figure 7. Others Examples
- Figure 8. Global AR Resin Waveguide Lenses Revenue by Resin Material Type, (USD Million), 2021 & 2025 & 2032
- Figure 9. Global AR Resin Waveguide Lenses Revenue Market Share by Resin Material Type in 2025
- Figure 10. PMMA Resin Waveguide Lenses Examples
- Figure 11. PC Resin Waveguide Lenses Examples
- Figure 12. COP/COC Resin Waveguide Lenses Examples
- Figure 13. Others Examples
- Figure 14. Global AR Resin Waveguide Lenses Revenue by Optical Configuration, (USD Million), 2021 & 2025 & 2032
- Figure 15. Global AR Resin Waveguide Lenses Revenue Market Share by Optical Configuration in 2025
- Figure 16. Monocular Resin Waveguide Lenses Examples
- Figure 17. Binocular Resin Waveguide Lenses Examples
- Figure 18. Full-Color Resin Waveguide Lenses Examples
- Figure 19. Others Examples
- Figure 20. Global AR Resin Waveguide Lenses Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 21. Global AR Resin Waveguide Lenses Revenue Market Share by Application in 2025
- Figure 22. Consumer AR Smart Glasses Examples
- Figure 23. Industrial AR Devices Examples
- Figure 24. Medical AR Visualization Equipment Examples
- Figure 25. Automotive AR Display Systems Examples
- Figure 26. Education and Training AR Devices Examples
- Figure 27. Others Examples

Figure 28. Global AR Resin Waveguide Lenses Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 29. Global AR Resin Waveguide Lenses Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 30. Global AR Resin Waveguide Lenses Sales Quantity (2021-2032) & (K Pcs)

Figure 31. Global AR Resin Waveguide Lenses Price (2021-2032) & (US\$/Pcs)

Figure 32. Global AR Resin Waveguide Lenses Sales Quantity Market Share by Manufacturer in 2025

Figure 33. Global AR Resin Waveguide Lenses Revenue Market Share by Manufacturer in 2025

Figure 34. Producer Shipments of AR Resin Waveguide Lenses by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 35. Top 3 AR Resin Waveguide Lenses Manufacturer (Revenue) Market Share in 2025

Figure 36. Top 6 AR Resin Waveguide Lenses Manufacturer (Revenue) Market Share in 2025

Figure 37. Global AR Resin Waveguide Lenses Sales Quantity Market Share by Region (2021-2032)

Figure 38. Global AR Resin Waveguide Lenses Consumption Value Market Share by Region (2021-2032)

Figure 39. North America AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 40. Europe AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 41. Asia-Pacific AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 42. South America AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 43. Middle East & Africa AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 44. Global AR Resin Waveguide Lenses Sales Quantity Market Share by Waveguide Principle (2021-2032)

Figure 45. Global AR Resin Waveguide Lenses Consumption Value Market Share by Waveguide Principle (2021-2032)

Figure 46. Global AR Resin Waveguide Lenses Average Price by Waveguide Principle (2021-2032) & (US\$/Pcs)

Figure 47. Global AR Resin Waveguide Lenses Sales Quantity Market Share by Application (2021-2032)

Figure 48. Global AR Resin Waveguide Lenses Revenue Market Share by Application

(2021-2032)

Figure 49. Global AR Resin Waveguide Lenses Average Price by Application (2021-2032) & (US\$/Pcs)

Figure 50. North America AR Resin Waveguide Lenses Sales Quantity Market Share by Waveguide Principle (2021-2032)

Figure 51. North America AR Resin Waveguide Lenses Sales Quantity Market Share by Application (2021-2032)

Figure 52. North America AR Resin Waveguide Lenses Sales Quantity Market Share by Country (2021-2032)

Figure 53. North America AR Resin Waveguide Lenses Consumption Value Market Share by Country (2021-2032)

Figure 54. United States AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 55. Canada AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 56. Mexico AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 57. Europe AR Resin Waveguide Lenses Sales Quantity Market Share by Waveguide Principle (2021-2032)

Figure 58. Europe AR Resin Waveguide Lenses Sales Quantity Market Share by Application (2021-2032)

Figure 59. Europe AR Resin Waveguide Lenses Sales Quantity Market Share by Country (2021-2032)

Figure 60. Europe AR Resin Waveguide Lenses Consumption Value Market Share by Country (2021-2032)

Figure 61. Germany AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 62. France AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 63. United Kingdom AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 64. Russia AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 65. Italy AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 66. Asia-Pacific AR Resin Waveguide Lenses Sales Quantity Market Share by Waveguide Principle (2021-2032)

Figure 67. Asia-Pacific AR Resin Waveguide Lenses Sales Quantity Market Share by Application (2021-2032)

Figure 68. Asia-Pacific AR Resin Waveguide Lenses Sales Quantity Market Share by Region (2021-2032)

Figure 69. Asia-Pacific AR Resin Waveguide Lenses Consumption Value Market Share by Region (2021-2032)

Figure 70. China AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 71. Japan AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 72. South Korea AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 73. India AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 74. Southeast Asia AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 75. Australia AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 76. South America AR Resin Waveguide Lenses Sales Quantity Market Share by Waveguide Principle (2021-2032)

Figure 77. South America AR Resin Waveguide Lenses Sales Quantity Market Share by Application (2021-2032)

Figure 78. South America AR Resin Waveguide Lenses Sales Quantity Market Share by Country (2021-2032)

Figure 79. South America AR Resin Waveguide Lenses Consumption Value Market Share by Country (2021-2032)

Figure 80. Brazil AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 81. Argentina AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 82. Middle East & Africa AR Resin Waveguide Lenses Sales Quantity Market Share by Waveguide Principle (2021-2032)

Figure 83. Middle East & Africa AR Resin Waveguide Lenses Sales Quantity Market Share by Application (2021-2032)

Figure 84. Middle East & Africa AR Resin Waveguide Lenses Sales Quantity Market Share by Country (2021-2032)

Figure 85. Middle East & Africa AR Resin Waveguide Lenses Consumption Value Market Share by Country (2021-2032)

Figure 86. Turkey AR Resin Waveguide Lenses Consumption Value (2021-2032) & (USD Million)

Figure 87. Egypt AR Resin Waveguide Lenses Consumption Value (2021-2032) &

(USD Million)

Figure 88. Saudi Arabia AR Resin Waveguide Lenses Consumption Value (2021-2032)
& (USD Million)

Figure 89. South Africa AR Resin Waveguide Lenses Consumption Value (2021-2032)
& (USD Million)

Figure 90. AR Resin Waveguide Lenses Market Drivers

Figure 91. AR Resin Waveguide Lenses Market Restraints

Figure 92. AR Resin Waveguide Lenses Market Trends

Figure 93. Porters Five Forces Analysis

Figure 94. Manufacturing Cost Structure Analysis of AR Resin Waveguide Lenses in
2025

Figure 95. Manufacturing Process Analysis of AR Resin Waveguide Lenses

Figure 96. AR Resin Waveguide Lenses Industrial Chain

Figure 97. Sales Channel: Direct to End-User vs Distributors

Figure 98. Direct Channel Pros & Cons

Figure 99. Indirect Channel Pros & Cons

Figure 100. Methodology

Figure 101. Research Process and Data Source

I would like to order

Product name: Global AR Resin Waveguide Lenses Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GE3DE1A46EE2EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE3DE1A46EE2EN.html>