

# Global Artificial Retina Industry Growth and Trends Forecast to 2031

<https://marketpublishers.com/r/GC6224BD2B8FEN.html>

Date: February 2025

Pages: 90

Price: US\$ 3,450.00 (Single User License)

ID: GC6224BD2B8FEN

## Abstracts

### Summary

According to APO Research, The global Artificial Retina market was estimated at US\$ million in 2025 and is projected to reach a revised size of US\$ million by 2031, witnessing a CAGR of xx% during the forecast period 2026-2031.

North American market for Artificial Retina is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2026 through 2031.

Asia-Pacific market for Artificial Retina is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2026 through 2031.

Europe market for Artificial Retina is estimated to increase from \$ million in 2025 to reach \$ million by 2031, at a CAGR of % during the forecast period of 2026 through 2031.

The major global manufacturers of Artificial Retina include Axorus, Bionic Vision Technologies, Labtician Ophthalmics, Inc., Lambda Vision, Inc., Nano Retina, Optobionics, Vivani Medical Inc.(Second Sight Medical Products, Inc.) and Pixium Vision, etc. In 2024, the world's top three vendors accounted for approximately % of the revenue.

### Report Scope

This report aims to provide a comprehensive presentation of the global market for Artificial Retina, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Artificial Retina.

The Artificial Retina market size, estimations, and forecasts are provided in terms of sales volume (K Units) and revenue (\$ millions), considering 2024 as the base year, with history and forecast data for the period from 2020 to 2031. This report segments the global Artificial Retina market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2020-2025. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses.

### Artificial Retina Segment by Company

Axorus

Bionic Vision Technologies

Labtician Ophthalmics, Inc.

Lambda Vision, Inc.

Nano Retina

Optobionics

Vivani Medical Inc.(Second Sight Medical Products, Inc.)

Pixium Vision

## Artificial Retina Segment by Type

Subretinal Implantation

Extraretinal Implantation

## Artificial Retina Segment by Application

Blind People

Patients with Retinal Degenerative Diseases

## Artificial Retina Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile

Middle East & Africa

Egypt

South Africa

Israel

Türkiye

GCC Countries

### Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Artificial Retina market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Artificial Retina and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Artificial Retina.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Artificial Retina manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Artificial Retina in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, South America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Artificial Retina Market Size Estimates and Forecasts (2020-2031)
  - 1.2.2 Global Artificial Retina Sales Estimates and Forecasts (2020-2031)
- 1.3 Artificial Retina Market by Type
  - 1.3.1 Subretinal Implantation
  - 1.3.2 Extraretinal Implantation
- 1.4 Global Artificial Retina Market Size by Type
  - 1.4.1 Global Artificial Retina Market Size Overview by Type (2020-2031)
  - 1.4.2 Global Artificial Retina Historic Market Size Review by Type (2020-2025)
  - 1.4.3 Global Artificial Retina Forecasted Market Size by Type (2026-2031)
- 1.5 Key Regions Market Size by Type
  - 1.5.1 North America Artificial Retina Sales Breakdown by Type (2020-2025)
  - 1.5.2 Europe Artificial Retina Sales Breakdown by Type (2020-2025)
  - 1.5.3 Asia-Pacific Artificial Retina Sales Breakdown by Type (2020-2025)
  - 1.5.4 South America Artificial Retina Sales Breakdown by Type (2020-2025)
  - 1.5.5 Middle East and Africa Artificial Retina Sales Breakdown by Type (2020-2025)

### 2 GLOBAL MARKET DYNAMICS

- 2.1 Artificial Retina Industry Trends
- 2.2 Artificial Retina Industry Drivers
- 2.3 Artificial Retina Industry Opportunities and Challenges
- 2.4 Artificial Retina Industry Restraints

### 3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Artificial Retina Revenue (2020-2025)
- 3.2 Global Top Players by Artificial Retina Sales (2020-2025)
- 3.3 Global Top Players by Artificial Retina Price (2020-2025)
- 3.4 Global Artificial Retina Industry Company Ranking, 2023 VS 2024 VS 2025
- 3.5 Global Artificial Retina Major Company Production Sites & Headquarters
- 3.6 Global Artificial Retina Company, Product Type & Application
- 3.7 Global Artificial Retina Company Establishment Date
- 3.8 Market Competitive Analysis



- 3.8.1 Global Artificial Retina Market CR5 and HHI
- 3.8.2 Global Top 5 and 10 Artificial Retina Players Market Share by Revenue in 2024
- 3.8.3 2023 Artificial Retina Tier 1, Tier 2, and Tier

## **4 ARTIFICIAL RETINA REGIONAL STATUS AND OUTLOOK**

- 4.1 Global Artificial Retina Market Size and CAGR by Region: 2020 VS 2024 VS 2031
- 4.2 Global Artificial Retina Historic Market Size by Region
  - 4.2.1 Global Artificial Retina Sales in Volume by Region (2020-2025)
  - 4.2.2 Global Artificial Retina Sales in Value by Region (2020-2025)
  - 4.2.3 Global Artificial Retina Sales (Volume & Value), Price and Gross Margin (2020-2025)
- 4.3 Global Artificial Retina Forecasted Market Size by Region
  - 4.3.1 Global Artificial Retina Sales in Volume by Region (2026-2031)
  - 4.3.2 Global Artificial Retina Sales in Value by Region (2026-2031)
  - 4.3.3 Global Artificial Retina Sales (Volume & Value), Price and Gross Margin (2026-2031)

## **5 ARTIFICIAL RETINA BY APPLICATION**

- 5.1 Artificial Retina Market by Application
  - 5.1.1 Blind People
  - 5.1.2 Patients with Retinal Degenerative Diseases
- 5.2 Global Artificial Retina Market Size by Application
  - 5.2.1 Global Artificial Retina Market Size Overview by Application (2020-2031)
  - 5.2.2 Global Artificial Retina Historic Market Size Review by Application (2020-2025)
  - 5.2.3 Global Artificial Retina Forecasted Market Size by Application (2026-2031)
- 5.3 Key Regions Market Size by Application
  - 5.3.1 North America Artificial Retina Sales Breakdown by Application (2020-2025)
  - 5.3.2 Europe Artificial Retina Sales Breakdown by Application (2020-2025)
  - 5.3.3 Asia-Pacific Artificial Retina Sales Breakdown by Application (2020-2025)
  - 5.3.4 South America Artificial Retina Sales Breakdown by Application (2020-2025)
  - 5.3.5 Middle East and Africa Artificial Retina Sales Breakdown by Application (2020-2025)

## **6 COMPANY PROFILES**

- 6.1 Axorus
  - 6.1.1 Axorus Company Information

- 6.1.2 Axorus Business Overview
- 6.1.3 Axorus Artificial Retina Sales, Revenue and Gross Margin (2020-2025)
- 6.1.4 Axorus Artificial Retina Product Portfolio
- 6.1.5 Axorus Recent Developments
- 6.2 Bionic Vision Technologies
  - 6.2.1 Bionic Vision Technologies Company Information
  - 6.2.2 Bionic Vision Technologies Business Overview
  - 6.2.3 Bionic Vision Technologies Artificial Retina Sales, Revenue and Gross Margin (2020-2025)
  - 6.2.4 Bionic Vision Technologies Artificial Retina Product Portfolio
  - 6.2.5 Bionic Vision Technologies Recent Developments
- 6.3 Labtician Ophthalmics, Inc.
  - 6.3.1 Labtician Ophthalmics, Inc. Company Information
  - 6.3.2 Labtician Ophthalmics, Inc. Business Overview
  - 6.3.3 Labtician Ophthalmics, Inc. Artificial Retina Sales, Revenue and Gross Margin (2020-2025)
  - 6.3.4 Labtician Ophthalmics, Inc. Artificial Retina Product Portfolio
  - 6.3.5 Labtician Ophthalmics, Inc. Recent Developments
- 6.4 Lambda Vision, Inc.
  - 6.4.1 Lambda Vision, Inc. Company Information
  - 6.4.2 Lambda Vision, Inc. Business Overview
  - 6.4.3 Lambda Vision, Inc. Artificial Retina Sales, Revenue and Gross Margin (2020-2025)
  - 6.4.4 Lambda Vision, Inc. Artificial Retina Product Portfolio
  - 6.4.5 Lambda Vision, Inc. Recent Developments
- 6.5 Nano Retina
  - 6.5.1 Nano Retina Company Information
  - 6.5.2 Nano Retina Business Overview
  - 6.5.3 Nano Retina Artificial Retina Sales, Revenue and Gross Margin (2020-2025)
  - 6.5.4 Nano Retina Artificial Retina Product Portfolio
  - 6.5.5 Nano Retina Recent Developments
- 6.6 Optobionics
  - 6.6.1 Optobionics Company Information
  - 6.6.2 Optobionics Business Overview
  - 6.6.3 Optobionics Artificial Retina Sales, Revenue and Gross Margin (2020-2025)
  - 6.6.4 Optobionics Artificial Retina Product Portfolio
  - 6.6.5 Optobionics Recent Developments
- 6.7 Vivani Medical Inc.(Second Sight Medical Products, Inc.)
  - 6.7.1 Vivani Medical Inc.(Second Sight Medical Products, Inc.) Company Information

- 6.7.2 Vivani Medical Inc.(Second Sight Medical Products, Inc.) Business Overview
- 6.7.3 Vivani Medical Inc.(Second Sight Medical Products, Inc.) Artificial Retina Sales, Revenue and Gross Margin (2020-2025)
- 6.7.4 Vivani Medical Inc.(Second Sight Medical Products, Inc.) Artificial Retina Product Portfolio
- 6.7.5 Vivani Medical Inc.(Second Sight Medical Products, Inc.) Recent Developments
- 6.8 Pixium Vision
  - 6.8.1 Pixium Vision Company Information
  - 6.8.2 Pixium Vision Business Overview
  - 6.8.3 Pixium Vision Artificial Retina Sales, Revenue and Gross Margin (2020-2025)
  - 6.8.4 Pixium Vision Artificial Retina Product Portfolio
  - 6.8.5 Pixium Vision Recent Developments

## **7 NORTH AMERICA BY COUNTRY**

- 7.1 North America Artificial Retina Sales by Country
  - 7.1.1 North America Artificial Retina Sales Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031
  - 7.1.2 North America Artificial Retina Sales by Country (2020-2025)
  - 7.1.3 North America Artificial Retina Sales Forecast by Country (2026-2031)
- 7.2 North America Artificial Retina Market Size by Country
  - 7.2.1 North America Artificial Retina Market Size Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031
  - 7.2.2 North America Artificial Retina Market Size by Country (2020-2025)
  - 7.2.3 North America Artificial Retina Market Size Forecast by Country (2026-2031)

## **8 EUROPE BY COUNTRY**

- 8.1 Europe Artificial Retina Sales by Country
  - 8.1.1 Europe Artificial Retina Sales Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031
  - 8.1.2 Europe Artificial Retina Sales by Country (2020-2025)
  - 8.1.3 Europe Artificial Retina Sales Forecast by Country (2026-2031)
- 8.2 Europe Artificial Retina Market Size by Country
  - 8.2.1 Europe Artificial Retina Market Size Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031
  - 8.2.2 Europe Artificial Retina Market Size by Country (2020-2025)
  - 8.2.3 Europe Artificial Retina Market Size Forecast by Country (2026-2031)

## **9 ASIA-PACIFIC BY COUNTRY**

### **9.1 Asia-Pacific Artificial Retina Sales by Country**

9.1.1 Asia-Pacific Artificial Retina Sales Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

9.1.2 Asia-Pacific Artificial Retina Sales by Country (2020-2025)

9.1.3 Asia-Pacific Artificial Retina Sales Forecast by Country (2026-2031)

### **9.2 Asia-Pacific Artificial Retina Market Size by Country**

9.2.1 Asia-Pacific Artificial Retina Market Size Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

9.2.2 Asia-Pacific Artificial Retina Market Size by Country (2020-2025)

9.2.3 Asia-Pacific Artificial Retina Market Size Forecast by Country (2026-2031)

## **10 SOUTH AMERICA BY COUNTRY**

### **10.1 South America Artificial Retina Sales by Country**

10.1.1 South America Artificial Retina Sales Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

10.1.2 South America Artificial Retina Sales by Country (2020-2025)

10.1.3 South America Artificial Retina Sales Forecast by Country (2026-2031)

### **10.2 South America Artificial Retina Market Size by Country**

10.2.1 South America Artificial Retina Market Size Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

10.2.2 South America Artificial Retina Market Size by Country (2020-2025)

10.2.3 South America Artificial Retina Market Size Forecast by Country (2026-2031)

## **11 MIDDLE EAST AND AFRICA BY COUNTRY**

### **11.1 Middle East and Africa Artificial Retina Sales by Country**

11.1.1 Middle East and Africa Artificial Retina Sales Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

11.1.2 Middle East and Africa Artificial Retina Sales by Country (2020-2025)

11.1.3 Middle East and Africa Artificial Retina Sales Forecast by Country (2026-2031)

### **11.2 Middle East and Africa Artificial Retina Market Size by Country**

11.2.1 Middle East and Africa Artificial Retina Market Size Growth Rate (CAGR) by Country: 2020 VS 2024 VS 2031

11.2.2 Middle East and Africa Artificial Retina Market Size by Country (2020-2025)

11.2.3 Middle East and Africa Artificial Retina Market Size Forecast by Country (2026-2031)

## **12 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

- 12.1 Artificial Retina Value Chain Analysis
  - 12.1.1 Artificial Retina Key Raw Materials
  - 12.1.2 Key Raw Materials Price
  - 12.1.3 Raw Materials Key Suppliers
  - 12.1.4 Manufacturing Cost Structure
  - 12.1.5 Artificial Retina Production Mode & Process
- 12.2 Artificial Retina Sales Channels Analysis
  - 12.2.1 Direct Comparison with Distribution Share
  - 12.2.2 Artificial Retina Distributors
  - 12.2.3 Artificial Retina Customers

## **13 CONCLUDING INSIGHTS**

## **14 APPENDIX**

- 14.1 Reasons for Doing This Study
- 14.2 Research Methodology
- 14.3 Research Process
- 14.4 Authors List of This Report
- 14.5 Data Source
  - 14.5.1 Secondary Sources
  - 14.5.2 Primary Sources
- 14.6 Disclaimer

## I would like to order

Product name: Global Artificial Retina Industry Growth and Trends Forecast to 2031

Product link: <https://marketpublishers.com/r/GC6224BD2B8FEN.html>

Price: US\$ 3,450.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC6224BD2B8FEN.html>