

Global Consumer-Grade On-Device AI Glasses Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GD9011A6AE65EN.html>

Date: July 2026

Pages: 114

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

ID: GD9011A6AE65EN

Abstracts

According to our (Global Info Research) latest study, the global Consumer-Grade On-Device AI Glasses market size was valued at US\$ 1443 million in 2025 and is forecast to a readjusted size of US\$ 5468 million by 2032 with a CAGR of 19.5% during review period.

Consumer-grade on-device AI glasses are lightweight, smart wearable devices designed for individual users that integrate AI processing capabilities directly into the hardware; they enable intelligent functions?such as voice assistants, real-time translation, visual recognition, navigation guidance, and health monitoring?without relying on a continuous cloud connection. In 2025, global Consumer-Grade On-Device AI Glasses production reached approximately 3894 k units, with an average global market price of around 360 US\$/Unit.

The upstream segment of the consumer-grade on-device AI glasses industry chain primarily encompasses low-power AI chips/NPUs, camera modules, microphone arrays, open-ear speakers, optical waveguide/MicroLED display modules, sensors, battery and charging modules, flexible circuit boards, lenses, frames, structural components, speech recognition algorithms, multimodal AI models, and operating systems. The midstream consists mainly of AI eyewear design, optical-display integration, on-device algorithm adaptation, system software development, ODM/OEM manufacturing, and branded device manufacturers. The downstream market primarily targets general consumers, content creators, business professionals, travelers, sports and outdoor enthusiasts, and light-duty office users.

Consumer-grade on-device AI glasses are currently in a phase of rapid market entry

and early-stage volume growth. Product designs primarily feature either non-display AI glasses or lightweight display-equipped models, with core functions centered on first-person perspective (FPP) capture, AI voice assistants, image recognition, real-time translation, meeting transcription, navigation alerts, content creation, and daily information retrieval. The market is currently dominated by edge-cloud collaborative solutions; the glasses themselves handle functions such as camera, microphone, speaker, and sensor operations, low-power processing, and user interaction, while complex large-model inference is largely performed by smartphones or the cloud. However, as technologies mature—including low-power AI chips, on-device NPUs, camera modules, microphone arrays, voice noise reduction, MicroLED/waveguide displays, and local small-scale models—more AI capabilities are migrating directly to the glasses. Market growth is driven by factors such as the widespread adoption of generative AI applications, increasing consumer acceptance of portable AI assistants, rising demand for short-video and FPP content creation, growing needs for real-time translation in cross-border travel and business, accelerated market entry by smartphone manufacturers and internet platforms, and improvements in the lightweight design and wearing comfort of AI glasses. Looking ahead, consumer-grade on-device AI glasses are poised to evolve from simple capture-and-query devices into next-generation wearable AI terminals that integrate visual perception, voice interaction, real-time prompts, personal memory, content generation, and context-aware services.

This report is a detailed and comprehensive analysis for global Consumer-Grade On-Device AI Glasses market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type 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 Consumer-Grade On-Device AI Glasses market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Consumer-Grade On-Device AI Glasses market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Consumer-Grade On-Device AI Glasses market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Consumer-Grade On-Device AI Glasses market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 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 Consumer-Grade On-Device AI Glasses

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 Consumer-Grade On-Device AI Glasses 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, Xiaomi, Rokid, Alibaba, RayNeo, Even Realities, Solos, Brilliant Labs, Halliday, Huawei, etc.

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

Market Segmentation

Consumer-Grade On-Device AI Glasses market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, 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 Type

On-device AI Type

Edge-cloud Collaborative Type

Market segment by Display

With Display Screen

Without Display Screen

Market segment by Application

Personal

Commercial

Major players covered

Meta

Xiaomi

Rokid

Alibaba

RayNeo

Even Realities

Solos

Brilliant Labs

Halliday

Huawei

Meizu

Baidu

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 Consumer-Grade On-Device AI Glasses product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Consumer-Grade On-Device AI Glasses, with price, sales quantity, revenue, and global market share of Consumer-Grade On-Device AI Glasses from 2021 to 2026.

Chapter 3, the Consumer-Grade On-Device AI Glasses competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Consumer-Grade On-Device AI Glasses 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 Type and by Application, with sales market share and growth rate by Type, 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 Consumer-Grade On-Device AI Glasses market forecast, by regions, by Type, 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 Consumer-Grade On-Device AI Glasses.

Chapter 14 and 15, to describe Consumer-Grade On-Device AI Glasses 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 Type
 - 1.3.1 Overview: Global Consumer-Grade On-Device AI Glasses Consumption Value by Type: 2021 Versus 2025 Versus 2032
 - 1.3.2 On-device AI Type
 - 1.3.3 Edge-cloud Collaborative Type
- 1.4 Market Analysis by Display
 - 1.4.1 Overview: Global Consumer-Grade On-Device AI Glasses Consumption Value by Display: 2021 Versus 2025 Versus 2032
 - 1.4.2 With Display Screen
 - 1.4.3 Without Display Screen
- 1.5 Market Analysis by Application
 - 1.5.1 Overview: Global Consumer-Grade On-Device AI Glasses Consumption Value by Application: 2021 Versus 2025 Versus 2032
 - 1.5.2 Personal
 - 1.5.3 Commercial
- 1.6 Global Consumer-Grade On-Device AI Glasses Market Size & Forecast
 - 1.6.1 Global Consumer-Grade On-Device AI Glasses Consumption Value (2021 & 2025 & 2032)
 - 1.6.2 Global Consumer-Grade On-Device AI Glasses Sales Quantity (2021-2032)
 - 1.6.3 Global Consumer-Grade On-Device AI Glasses Average Price (2021-2032)

2 MANUFACTURERS PROFILES

- 2.1 Meta
 - 2.1.1 Meta Details
 - 2.1.2 Meta Major Business
 - 2.1.3 Meta Consumer-Grade On-Device AI Glasses Product and Services
 - 2.1.4 Meta Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.1.5 Meta Recent Developments/Updates
- 2.2 Xiaomi
 - 2.2.1 Xiaomi Details
 - 2.2.2 Xiaomi Major Business

- 2.2.3 Xiaomi Consumer-Grade On-Device AI Glasses Product and Services
- 2.2.4 Xiaomi Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.2.5 Xiaomi Recent Developments/Updates
- 2.3 Rokid
 - 2.3.1 Rokid Details
 - 2.3.2 Rokid Major Business
 - 2.3.3 Rokid Consumer-Grade On-Device AI Glasses Product and Services
 - 2.3.4 Rokid Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Rokid Recent Developments/Updates
- 2.4 Alibaba
 - 2.4.1 Alibaba Details
 - 2.4.2 Alibaba Major Business
 - 2.4.3 Alibaba Consumer-Grade On-Device AI Glasses Product and Services
 - 2.4.4 Alibaba Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Alibaba Recent Developments/Updates
- 2.5 RayNeo
 - 2.5.1 RayNeo Details
 - 2.5.2 RayNeo Major Business
 - 2.5.3 RayNeo Consumer-Grade On-Device AI Glasses Product and Services
 - 2.5.4 RayNeo Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 RayNeo Recent Developments/Updates
- 2.6 Even Realities
 - 2.6.1 Even Realities Details
 - 2.6.2 Even Realities Major Business
 - 2.6.3 Even Realities Consumer-Grade On-Device AI Glasses Product and Services
 - 2.6.4 Even Realities Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.6.5 Even Realities Recent Developments/Updates
- 2.7 Solos
 - 2.7.1 Solos Details
 - 2.7.2 Solos Major Business
 - 2.7.3 Solos Consumer-Grade On-Device AI Glasses Product and Services
 - 2.7.4 Solos Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.7.5 Solos Recent Developments/Updates

2.8 Brilliant Labs

2.8.1 Brilliant Labs Details

2.8.2 Brilliant Labs Major Business

2.8.3 Brilliant Labs Consumer-Grade On-Device AI Glasses Product and Services

2.8.4 Brilliant Labs Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Brilliant Labs Recent Developments/Updates

2.9 Halliday

2.9.1 Halliday Details

2.9.2 Halliday Major Business

2.9.3 Halliday Consumer-Grade On-Device AI Glasses Product and Services

2.9.4 Halliday Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Halliday Recent Developments/Updates

2.10 Huawei

2.10.1 Huawei Details

2.10.2 Huawei Major Business

2.10.3 Huawei Consumer-Grade On-Device AI Glasses Product and Services

2.10.4 Huawei Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Huawei Recent Developments/Updates

2.11 Meizu

2.11.1 Meizu Details

2.11.2 Meizu Major Business

2.11.3 Meizu Consumer-Grade On-Device AI Glasses Product and Services

2.11.4 Meizu Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Meizu Recent Developments/Updates

2.12 Baidu

2.12.1 Baidu Details

2.12.2 Baidu Major Business

2.12.3 Baidu Consumer-Grade On-Device AI Glasses Product and Services

2.12.4 Baidu Consumer-Grade On-Device AI Glasses Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Baidu Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: CONSUMER-GRADE ON-DEVICE AI GLASSES BY MANUFACTURER

- 3.1 Global Consumer-Grade On-Device AI Glasses Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Consumer-Grade On-Device AI Glasses Revenue by Manufacturer (2021-2026)
- 3.3 Global Consumer-Grade On-Device AI Glasses Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of Consumer-Grade On-Device AI Glasses by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 Consumer-Grade On-Device AI Glasses Manufacturer Market Share in 2025
 - 3.4.3 Top 6 Consumer-Grade On-Device AI Glasses Manufacturer Market Share in 2025
- 3.5 Consumer-Grade On-Device AI Glasses Market: Overall Company Footprint Analysis
 - 3.5.1 Consumer-Grade On-Device AI Glasses Market: Region Footprint
 - 3.5.2 Consumer-Grade On-Device AI Glasses Market: Company Product Type Footprint
 - 3.5.3 Consumer-Grade On-Device AI Glasses 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 Consumer-Grade On-Device AI Glasses Market Size by Region
 - 4.1.1 Global Consumer-Grade On-Device AI Glasses Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Consumer-Grade On-Device AI Glasses Consumption Value by Region (2021-2032)
 - 4.1.3 Global Consumer-Grade On-Device AI Glasses Average Price by Region (2021-2032)
- 4.2 North America Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032)
- 4.3 Europe Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032)
- 4.4 Asia-Pacific Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032)
- 4.5 South America Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032)

4.6 Middle East & Africa Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2032)

5.2 Global Consumer-Grade On-Device AI Glasses Consumption Value by Type (2021-2032)

5.3 Global Consumer-Grade On-Device AI Glasses Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2032)

6.2 Global Consumer-Grade On-Device AI Glasses Consumption Value by Application (2021-2032)

6.3 Global Consumer-Grade On-Device AI Glasses Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2032)

7.2 North America Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2032)

7.3 North America Consumer-Grade On-Device AI Glasses Market Size by Country

7.3.1 North America Consumer-Grade On-Device AI Glasses Sales Quantity by Country (2021-2032)

7.3.2 North America Consumer-Grade On-Device AI Glasses 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 Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2032)

8.2 Europe Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2032)

8.3 Europe Consumer-Grade On-Device AI Glasses Market Size by Country

8.3.1 Europe Consumer-Grade On-Device AI Glasses Sales Quantity by Country (2021-2032)

8.3.2 Europe Consumer-Grade On-Device AI Glasses 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 Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Consumer-Grade On-Device AI Glasses Market Size by Region

9.3.1 Asia-Pacific Consumer-Grade On-Device AI Glasses Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Consumer-Grade On-Device AI Glasses 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 Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2032)

10.2 South America Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2032)

10.3 South America Consumer-Grade On-Device AI Glasses Market Size by Country

10.3.1 South America Consumer-Grade On-Device AI Glasses Sales Quantity by

Country (2021-2032)

10.3.2 South America Consumer-Grade On-Device AI Glasses 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 Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Consumer-Grade On-Device AI Glasses Market Size by Country

11.3.1 Middle East & Africa Consumer-Grade On-Device AI Glasses Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Consumer-Grade On-Device AI Glasses 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 Consumer-Grade On-Device AI Glasses Market Drivers

12.2 Consumer-Grade On-Device AI Glasses Market Restraints

12.3 Consumer-Grade On-Device AI Glasses 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 Consumer-Grade On-Device AI Glasses and Key Manufacturers

13.2 Manufacturing Costs Percentage of Consumer-Grade On-Device AI Glasses

- 13.3 Consumer-Grade On-Device AI Glasses 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 Consumer-Grade On-Device AI Glasses Typical Distributors
- 14.3 Consumer-Grade On-Device AI Glasses 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 Consumer-Grade On-Device AI Glasses Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Consumer-Grade On-Device AI Glasses Consumption Value by Display, (USD Million), 2021 & 2025 & 2032

Table 3. Global Consumer-Grade On-Device AI Glasses Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. Meta Basic Information, Manufacturing Base and Competitors

Table 5. Meta Major Business

Table 6. Meta Consumer-Grade On-Device AI Glasses Product and Services

Table 7. Meta Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. Meta Recent Developments/Updates

Table 9. Xiaomi Basic Information, Manufacturing Base and Competitors

Table 10. Xiaomi Major Business

Table 11. Xiaomi Consumer-Grade On-Device AI Glasses Product and Services

Table 12. Xiaomi Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. Xiaomi Recent Developments/Updates

Table 14. Rokid Basic Information, Manufacturing Base and Competitors

Table 15. Rokid Major Business

Table 16. Rokid Consumer-Grade On-Device AI Glasses Product and Services

Table 17. Rokid Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Rokid Recent Developments/Updates

Table 19. Alibaba Basic Information, Manufacturing Base and Competitors

Table 20. Alibaba Major Business

Table 21. Alibaba Consumer-Grade On-Device AI Glasses Product and Services

Table 22. Alibaba Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Alibaba Recent Developments/Updates

Table 24. RayNeo Basic Information, Manufacturing Base and Competitors

Table 25. RayNeo Major Business

Table 26. RayNeo Consumer-Grade On-Device AI Glasses Product and Services

Table 27. RayNeo Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. RayNeo Recent Developments/Updates

Table 29. Even Realities Basic Information, Manufacturing Base and Competitors

Table 30. Even Realities Major Business

Table 31. Even Realities Consumer-Grade On-Device AI Glasses Product and Services

Table 32. Even Realities Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. Even Realities Recent Developments/Updates

Table 34. Solos Basic Information, Manufacturing Base and Competitors

Table 35. Solos Major Business

Table 36. Solos Consumer-Grade On-Device AI Glasses Product and Services

Table 37. Solos Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. Solos Recent Developments/Updates

Table 39. Brilliant Labs Basic Information, Manufacturing Base and Competitors

Table 40. Brilliant Labs Major Business

Table 41. Brilliant Labs Consumer-Grade On-Device AI Glasses Product and Services

Table 42. Brilliant Labs Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. Brilliant Labs Recent Developments/Updates

Table 44. Halliday Basic Information, Manufacturing Base and Competitors

Table 45. Halliday Major Business

Table 46. Halliday Consumer-Grade On-Device AI Glasses Product and Services

Table 47. Halliday Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 48. Halliday Recent Developments/Updates

Table 49. Huawei Basic Information, Manufacturing Base and Competitors

Table 50. Huawei Major Business

Table 51. Huawei Consumer-Grade On-Device AI Glasses Product and Services

Table 52. Huawei Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share

(2021-2026)

Table 53. Huawei Recent Developments/Updates

Table 54. Meizu Basic Information, Manufacturing Base and Competitors

Table 55. Meizu Major Business

Table 56. Meizu Consumer-Grade On-Device AI Glasses Product and Services

Table 57. Meizu Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Meizu Recent Developments/Updates

Table 59. Baidu Basic Information, Manufacturing Base and Competitors

Table 60. Baidu Major Business

Table 61. Baidu Consumer-Grade On-Device AI Glasses Product and Services

Table 62. Baidu Consumer-Grade On-Device AI Glasses Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 63. Baidu Recent Developments/Updates

Table 64. Global Consumer-Grade On-Device AI Glasses Sales Quantity by Manufacturer (2021-2026) & (K Units)

Table 65. Global Consumer-Grade On-Device AI Glasses Revenue by Manufacturer (2021-2026) & (USD Million)

Table 66. Global Consumer-Grade On-Device AI Glasses Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 67. Market Position of Manufacturers in Consumer-Grade On-Device AI Glasses, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 68. Head Office and Consumer-Grade On-Device AI Glasses Production Site of Key Manufacturer

Table 69. Consumer-Grade On-Device AI Glasses Market: Company Product Type Footprint

Table 70. Consumer-Grade On-Device AI Glasses Market: Company Product Application Footprint

Table 71. Consumer-Grade On-Device AI Glasses New Market Entrants and Barriers to Market Entry

Table 72. Consumer-Grade On-Device AI Glasses Mergers, Acquisition, Agreements, and Collaborations

Table 73. Global Consumer-Grade On-Device AI Glasses Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 74. Global Consumer-Grade On-Device AI Glasses Sales Quantity by Region (2021-2026) & (K Units)

Table 75. Global Consumer-Grade On-Device AI Glasses Sales Quantity by Region

(2027-2032) & (K Units)

Table 76. Global Consumer-Grade On-Device AI Glasses Consumption Value by Region (2021-2026) & (USD Million)

Table 77. Global Consumer-Grade On-Device AI Glasses Consumption Value by Region (2027-2032) & (USD Million)

Table 78. Global Consumer-Grade On-Device AI Glasses Average Price by Region (2021-2026) & (US\$/Unit)

Table 79. Global Consumer-Grade On-Device AI Glasses Average Price by Region (2027-2032) & (US\$/Unit)

Table 80. Global Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2026) & (K Units)

Table 81. Global Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2027-2032) & (K Units)

Table 82. Global Consumer-Grade On-Device AI Glasses Consumption Value by Type (2021-2026) & (USD Million)

Table 83. Global Consumer-Grade On-Device AI Glasses Consumption Value by Type (2027-2032) & (USD Million)

Table 84. Global Consumer-Grade On-Device AI Glasses Average Price by Type (2021-2026) & (US\$/Unit)

Table 85. Global Consumer-Grade On-Device AI Glasses Average Price by Type (2027-2032) & (US\$/Unit)

Table 86. Global Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2026) & (K Units)

Table 87. Global Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2027-2032) & (K Units)

Table 88. Global Consumer-Grade On-Device AI Glasses Consumption Value by Application (2021-2026) & (USD Million)

Table 89. Global Consumer-Grade On-Device AI Glasses Consumption Value by Application (2027-2032) & (USD Million)

Table 90. Global Consumer-Grade On-Device AI Glasses Average Price by Application (2021-2026) & (US\$/Unit)

Table 91. Global Consumer-Grade On-Device AI Glasses Average Price by Application (2027-2032) & (US\$/Unit)

Table 92. North America Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2026) & (K Units)

Table 93. North America Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2027-2032) & (K Units)

Table 94. North America Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2026) & (K Units)

Table 95. North America Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2027-2032) & (K Units)

Table 96. North America Consumer-Grade On-Device AI Glasses Sales Quantity by Country (2021-2026) & (K Units)

Table 97. North America Consumer-Grade On-Device AI Glasses Sales Quantity by Country (2027-2032) & (K Units)

Table 98. North America Consumer-Grade On-Device AI Glasses Consumption Value by Country (2021-2026) & (USD Million)

Table 99. North America Consumer-Grade On-Device AI Glasses Consumption Value by Country (2027-2032) & (USD Million)

Table 100. Europe Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2026) & (K Units)

Table 101. Europe Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2027-2032) & (K Units)

Table 102. Europe Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2026) & (K Units)

Table 103. Europe Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2027-2032) & (K Units)

Table 104. Europe Consumer-Grade On-Device AI Glasses Sales Quantity by Country (2021-2026) & (K Units)

Table 105. Europe Consumer-Grade On-Device AI Glasses Sales Quantity by Country (2027-2032) & (K Units)

Table 106. Europe Consumer-Grade On-Device AI Glasses Consumption Value by Country (2021-2026) & (USD Million)

Table 107. Europe Consumer-Grade On-Device AI Glasses Consumption Value by Country (2027-2032) & (USD Million)

Table 108. Asia-Pacific Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2026) & (K Units)

Table 109. Asia-Pacific Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2027-2032) & (K Units)

Table 110. Asia-Pacific Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2026) & (K Units)

Table 111. Asia-Pacific Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2027-2032) & (K Units)

Table 112. Asia-Pacific Consumer-Grade On-Device AI Glasses Sales Quantity by Region (2021-2026) & (K Units)

Table 113. Asia-Pacific Consumer-Grade On-Device AI Glasses Sales Quantity by Region (2027-2032) & (K Units)

Table 114. Asia-Pacific Consumer-Grade On-Device AI Glasses Consumption Value by

Region (2021-2026) & (USD Million)

Table 115. Asia-Pacific Consumer-Grade On-Device AI Glasses Consumption Value by Region (2027-2032) & (USD Million)

Table 116. South America Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2026) & (K Units)

Table 117. South America Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2027-2032) & (K Units)

Table 118. South America Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2026) & (K Units)

Table 119. South America Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2027-2032) & (K Units)

Table 120. South America Consumer-Grade On-Device AI Glasses Sales Quantity by Country (2021-2026) & (K Units)

Table 121. South America Consumer-Grade On-Device AI Glasses Sales Quantity by Country (2027-2032) & (K Units)

Table 122. South America Consumer-Grade On-Device AI Glasses Consumption Value by Country (2021-2026) & (USD Million)

Table 123. South America Consumer-Grade On-Device AI Glasses Consumption Value by Country (2027-2032) & (USD Million)

Table 124. Middle East & Africa Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2021-2026) & (K Units)

Table 125. Middle East & Africa Consumer-Grade On-Device AI Glasses Sales Quantity by Type (2027-2032) & (K Units)

Table 126. Middle East & Africa Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2021-2026) & (K Units)

Table 127. Middle East & Africa Consumer-Grade On-Device AI Glasses Sales Quantity by Application (2027-2032) & (K Units)

Table 128. Middle East & Africa Consumer-Grade On-Device AI Glasses Sales Quantity by Country (2021-2026) & (K Units)

Table 129. Middle East & Africa Consumer-Grade On-Device AI Glasses Sales Quantity by Country (2027-2032) & (K Units)

Table 130. Middle East & Africa Consumer-Grade On-Device AI Glasses Consumption Value by Country (2021-2026) & (USD Million)

Table 131. Middle East & Africa Consumer-Grade On-Device AI Glasses Consumption Value by Country (2027-2032) & (USD Million)

Table 132. Consumer-Grade On-Device AI Glasses Raw Material

Table 133. Key Manufacturers of Consumer-Grade On-Device AI Glasses Raw Materials

Table 134. Consumer-Grade On-Device AI Glasses Typical Distributors

Table 135. Consumer-Grade On-Device AI Glasses Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Consumer-Grade On-Device AI Glasses Picture
- Figure 2. Global Consumer-Grade On-Device AI Glasses Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Consumer-Grade On-Device AI Glasses Revenue Market Share by Type in 2025
- Figure 4. On-device AI Type Examples
- Figure 5. Edge-cloud Collaborative Type Examples
- Figure 6. Global Consumer-Grade On-Device AI Glasses Revenue by Display, (USD Million), 2021 & 2025 & 2032
- Figure 7. Global Consumer-Grade On-Device AI Glasses Revenue Market Share by Display in 2025
- Figure 8. With Display Screen Examples
- Figure 9. Without Display Screen Examples
- Figure 10. Global Consumer-Grade On-Device AI Glasses Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 11. Global Consumer-Grade On-Device AI Glasses Revenue Market Share by Application in 2025
- Figure 12. Personal Examples
- Figure 13. Commercial Examples
- Figure 14. Global Consumer-Grade On-Device AI Glasses Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 15. Global Consumer-Grade On-Device AI Glasses Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 16. Global Consumer-Grade On-Device AI Glasses Sales Quantity (2021-2032) & (K Units)
- Figure 17. Global Consumer-Grade On-Device AI Glasses Price (2021-2032) & (US\$/Unit)
- Figure 18. Global Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Manufacturer in 2025
- Figure 19. Global Consumer-Grade On-Device AI Glasses Revenue Market Share by Manufacturer in 2025
- Figure 20. Producer Shipments of Consumer-Grade On-Device AI Glasses by Manufacturer Sales (\$MM) and Market Share (%): 2025
- Figure 21. Top 3 Consumer-Grade On-Device AI Glasses Manufacturer (Revenue) Market Share in 2025

Figure 22. Top 6 Consumer-Grade On-Device AI Glasses Manufacturer (Revenue) Market Share in 2025

Figure 23. Global Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Region (2021-2032)

Figure 24. Global Consumer-Grade On-Device AI Glasses Consumption Value Market Share by Region (2021-2032)

Figure 25. North America Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 26. Europe Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 27. Asia-Pacific Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 28. South America Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 29. Middle East & Africa Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 30. Global Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Type (2021-2032)

Figure 31. Global Consumer-Grade On-Device AI Glasses Consumption Value Market Share by Type (2021-2032)

Figure 32. Global Consumer-Grade On-Device AI Glasses Average Price by Type (2021-2032) & (US\$/Unit)

Figure 33. Global Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Application (2021-2032)

Figure 34. Global Consumer-Grade On-Device AI Glasses Revenue Market Share by Application (2021-2032)

Figure 35. Global Consumer-Grade On-Device AI Glasses Average Price by Application (2021-2032) & (US\$/Unit)

Figure 36. North America Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Type (2021-2032)

Figure 37. North America Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Application (2021-2032)

Figure 38. North America Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Country (2021-2032)

Figure 39. North America Consumer-Grade On-Device AI Glasses Consumption Value Market Share by Country (2021-2032)

Figure 40. United States Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 41. Canada Consumer-Grade On-Device AI Glasses Consumption Value

(2021-2032) & (USD Million)

Figure 42. Mexico Consumer-Grade On-Device AI Glasses Consumption Value

(2021-2032) & (USD Million)

Figure 43. Europe Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Type (2021-2032)

Figure 44. Europe Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Application (2021-2032)

Figure 45. Europe Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Country (2021-2032)

Figure 46. Europe Consumer-Grade On-Device AI Glasses Consumption Value Market Share by Country (2021-2032)

Figure 47. Germany Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 48. France Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 49. United Kingdom Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 50. Russia Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 51. Italy Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 52. Asia-Pacific Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Type (2021-2032)

Figure 53. Asia-Pacific Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Application (2021-2032)

Figure 54. Asia-Pacific Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Region (2021-2032)

Figure 55. Asia-Pacific Consumer-Grade On-Device AI Glasses Consumption Value Market Share by Region (2021-2032)

Figure 56. China Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 57. Japan Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 58. South Korea Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 59. India Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 60. Southeast Asia Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 61. Australia Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 62. South America Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Type (2021-2032)

Figure 63. South America Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Application (2021-2032)

Figure 64. South America Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Country (2021-2032)

Figure 65. South America Consumer-Grade On-Device AI Glasses Consumption Value Market Share by Country (2021-2032)

Figure 66. Brazil Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 67. Argentina Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 68. Middle East & Africa Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Type (2021-2032)

Figure 69. Middle East & Africa Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Application (2021-2032)

Figure 70. Middle East & Africa Consumer-Grade On-Device AI Glasses Sales Quantity Market Share by Country (2021-2032)

Figure 71. Middle East & Africa Consumer-Grade On-Device AI Glasses Consumption Value Market Share by Country (2021-2032)

Figure 72. Turkey Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 73. Egypt Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 74. Saudi Arabia Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 75. South Africa Consumer-Grade On-Device AI Glasses Consumption Value (2021-2032) & (USD Million)

Figure 76. Consumer-Grade On-Device AI Glasses Market Drivers

Figure 77. Consumer-Grade On-Device AI Glasses Market Restraints

Figure 78. Consumer-Grade On-Device AI Glasses Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Consumer-Grade On-Device AI Glasses in 2025

Figure 81. Manufacturing Process Analysis of Consumer-Grade On-Device AI Glasses

Figure 82. Consumer-Grade On-Device AI Glasses Industrial Chain

Figure 83. Sales Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

I would like to order

Product name: Global Consumer-Grade On-Device AI Glasses Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GD9011A6AE65EN.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/GD9011A6AE65EN.html>