

Global Ultra-High-Resolution Full-Frame CIS Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GCCE1EFDE07EEN.html>

Date: July 2026

Pages: 114

Price: US\$ 4,480.00 (Single User License)

ID: GCCE1EFDE07EEN

Abstracts

The global Ultra-High-Resolution Full-Frame CIS market size is expected to reach \$ 1092 million by 2032, rising at a market growth of 8.7% CAGR during the forecast period (2026-2032).

In 2025, global production of Ultra-High-Resolution Full-Frame CIS reached 1.76 million units, with an estimated average selling price of \$344 per unit. Ultra-high pixel full-frame CIS refers to CMOS image sensor chips with an effective imaging area close to that of a 35mm full-frame sensor, typically around 36mm × 24mm with a diagonal of approximately 43.3mm, and a significantly higher pixel count than conventional full-frame sensors. Generally, 60 megapixels and above are considered the starting point for 'ultra-high pixel full-frame CIS'. It can achieve higher pixel density, higher detail resolution, larger format output, stronger cropping capabilities, and higher precision detection capabilities within the limited area of a full-frame sensor. It is widely used in high-end full-frame cameras, astronomical/scientific cameras, digital artifact and archive scanning, industrial inspection, machine vision, medical imaging, microscopic imaging, security monitoring, aerospace, and surveying imaging. The upstream of the industry chain includes high-purity silicon wafers, CIS wafer foundry/own wafer fabs, photoresists, color filters, microlenses, metal interconnects, packaging substrates, glass covers, testing equipment, image processing IP, and EDA tools; the midstream includes sensor design, wafer manufacturing/foundry, packaging and testing, and imaging solutions; the downstream mainly consists of camera and scientific imaging equipment manufacturers, as well as industrial vision, medical, scientific research, and aerospace customers. Gross profit margins range from approximately 30% to 50%.

This report studies the global Ultra-High-Resolution Full-Frame CIS production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Ultra-High-Resolution Full-Frame CIS and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Ultra-High-Resolution Full-Frame CIS that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Ultra-High-Resolution Full-Frame CIS total production and demand, 2021-2032, (Million Units)

Global Ultra-High-Resolution Full-Frame CIS total production value, 2021-2032, (USD Million)

Global Ultra-High-Resolution Full-Frame CIS production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Million Units), (based on production site)

Global Ultra-High-Resolution Full-Frame CIS consumption by region & country, CAGR, 2021-2032 & (Million Units)

U.S. VS China: Ultra-High-Resolution Full-Frame CIS domestic production, consumption, key domestic manufacturers and share

Global Ultra-High-Resolution Full-Frame CIS production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Million Units)

Global Ultra-High-Resolution Full-Frame CIS production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

Global Ultra-High-Resolution Full-Frame CIS production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

This report profiles key players in the global Ultra-High-Resolution Full-Frame CIS market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sony, Canon, SmartSens Technology, OmniVision Group, ams OSRAM, Nexchip, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Ultra-High-Resolution Full-Frame CIS market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Million Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Ultra-High-Resolution Full-Frame CIS Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Ultra-High-Resolution Full-Frame CIS Market, Segmentation by Type:

Tens of Millions of Pixels (10MP+)

Hundreds of Millions of Pixels (100MP+)

Global Ultra-High-Resolution Full-Frame CIS Market, Segmentation by Process Structure:

FSI (Front-Side Illumination)

BSI (Back-Side Illumination)

Global Ultra-High-Resolution Full-Frame CIS Market, Segmentation by Color Format:

Color

Monochrome

Near-infrared (NIR) enhanced

Global Ultra-High-Resolution Full-Frame CIS Market, Segmentation by Application:

Camera

Scientific Imaging Equipments

Industrial Vision

Others

Companies Profiled:

Sony

Canon

SmartSens Technology

OmniVision Group

ams OSRAM

Nexchip

Key Questions Answered:

1. How big is the global Ultra-High-Resolution Full-Frame CIS market?

2. What is the demand of the global Ultra-High-Resolution Full-Frame CIS market?
3. What is the year over year growth of the global Ultra-High-Resolution Full-Frame CIS market?
4. What is the production and production value of the global Ultra-High-Resolution Full-Frame CIS market?
5. Who are the key producers in the global Ultra-High-Resolution Full-Frame CIS market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Ultra-High-Resolution Full-Frame CIS Introduction
- 1.2 World Ultra-High-Resolution Full-Frame CIS Supply & Forecast
 - 1.2.1 World Ultra-High-Resolution Full-Frame CIS Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Ultra-High-Resolution Full-Frame CIS Production (2021-2032)
 - 1.2.3 World Ultra-High-Resolution Full-Frame CIS Pricing Trends (2021-2032)
- 1.3 World Ultra-High-Resolution Full-Frame CIS Production by Region (Based on Production Site)
 - 1.3.1 World Ultra-High-Resolution Full-Frame CIS Production Value by Region (2021-2032)
 - 1.3.2 World Ultra-High-Resolution Full-Frame CIS Production by Region (2021-2032)
 - 1.3.3 World Ultra-High-Resolution Full-Frame CIS Average Price by Region (2021-2032)
 - 1.3.4 Japan Ultra-High-Resolution Full-Frame CIS Production (2021-2032)
 - 1.3.5 China Ultra-High-Resolution Full-Frame CIS Production (2021-2032)
 - 1.3.6 Europe Ultra-High-Resolution Full-Frame CIS Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Ultra-High-Resolution Full-Frame CIS Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Ultra-High-Resolution Full-Frame CIS Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Ultra-High-Resolution Full-Frame CIS Demand (2021-2032)
- 2.2 World Ultra-High-Resolution Full-Frame CIS Consumption by Region
 - 2.2.1 World Ultra-High-Resolution Full-Frame CIS Consumption by Region (2021-2026)
 - 2.2.2 World Ultra-High-Resolution Full-Frame CIS Consumption Forecast by Region (2027-2032)
- 2.3 United States Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032)
- 2.4 China Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032)
- 2.5 Europe Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032)
- 2.6 Japan Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032)
- 2.7 South Korea Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032)
- 2.8 ASEAN Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032)

2.9 India Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Ultra-High-Resolution Full-Frame CIS Production Value by Manufacturer (2021-2026)

3.2 World Ultra-High-Resolution Full-Frame CIS Production by Manufacturer (2021-2026)

3.3 World Ultra-High-Resolution Full-Frame CIS Average Price by Manufacturer (2021-2026)

3.4 Ultra-High-Resolution Full-Frame CIS Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Ultra-High-Resolution Full-Frame CIS Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Ultra-High-Resolution Full-Frame CIS in 2025

3.5.3 Global Concentration Ratios (CR8) for Ultra-High-Resolution Full-Frame CIS in 2025

3.6 Ultra-High-Resolution Full-Frame CIS Market: Overall Company Footprint Analysis

3.6.1 Ultra-High-Resolution Full-Frame CIS Market: Region Footprint

3.6.2 Ultra-High-Resolution Full-Frame CIS Market: Company Product Type Footprint

3.6.3 Ultra-High-Resolution Full-Frame CIS Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Ultra-High-Resolution Full-Frame CIS Production Value Comparison

4.1.1 United States VS China: Ultra-High-Resolution Full-Frame CIS Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Ultra-High-Resolution Full-Frame CIS Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Ultra-High-Resolution Full-Frame CIS Production

Comparison

4.2.1 United States VS China: Ultra-High-Resolution Full-Frame CIS Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Ultra-High-Resolution Full-Frame CIS Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Ultra-High-Resolution Full-Frame CIS Consumption Comparison

4.3.1 United States VS China: Ultra-High-Resolution Full-Frame CIS Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Ultra-High-Resolution Full-Frame CIS Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Ultra-High-Resolution Full-Frame CIS Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Ultra-High-Resolution Full-Frame CIS Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Value (2021-2026)

4.4.3 United States Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production (2021-2026)

4.5 China Based Ultra-High-Resolution Full-Frame CIS Manufacturers and Market Share

4.5.1 China Based Ultra-High-Resolution Full-Frame CIS Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Value (2021-2026)

4.5.3 China Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production (2021-2026)

4.6 Rest of World Based Ultra-High-Resolution Full-Frame CIS Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Ultra-High-Resolution Full-Frame CIS Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Ultra-High-Resolution Full-Frame CIS Market Size Overview by Type: 2021

VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Tens of Millions of Pixels (10MP+)

5.2.2 Hundreds of Millions of Pixels (100MP+)

5.3 Market Segment by Type

5.3.1 World Ultra-High-Resolution Full-Frame CIS Production by Type (2021-2032)

5.3.2 World Ultra-High-Resolution Full-Frame CIS Production Value by Type
(2021-2032)

5.3.3 World Ultra-High-Resolution Full-Frame CIS Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PROCESS STRUCTURE

6.1 World Ultra-High-Resolution Full-Frame CIS Market Size Overview by Process
Structure: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Process Structure

6.2.1 FSI (Front-Side Illumination)

6.2.2 BSI (Back-Side Illumination)

6.3 Market Segment by Process Structure

6.3.1 World Ultra-High-Resolution Full-Frame CIS Production by Process Structure
(2021-2032)

6.3.2 World Ultra-High-Resolution Full-Frame CIS Production Value by Process
Structure (2021-2032)

6.3.3 World Ultra-High-Resolution Full-Frame CIS Average Price by Process Structure
(2021-2032)

7 MARKET ANALYSIS BY COLOR FORMAT

7.1 World Ultra-High-Resolution Full-Frame CIS Market Size Overview by Color Format:
2021 VS 2025 VS 2032

7.2 Segment Introduction by Color Format

7.2.1 Color

7.2.2 Monochrome

7.2.3 Near-infrared (NIR) enhanced

7.3 Market Segment by Color Format

7.3.1 World Ultra-High-Resolution Full-Frame CIS Production by Color Format
(2021-2032)

7.3.2 World Ultra-High-Resolution Full-Frame CIS Production Value by Color Format
(2021-2032)

7.3.3 World Ultra-High-Resolution Full-Frame CIS Average Price by Color Format

(2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Ultra-High-Resolution Full-Frame CIS Market Size Overview by Application:
2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Camera

8.2.2 Scientific Imaging Equipments

8.2.3 Industrial Vision

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Ultra-High-Resolution Full-Frame CIS Production by Application
(2021-2032)

8.3.2 World Ultra-High-Resolution Full-Frame CIS Production Value by Application
(2021-2032)

8.3.3 World Ultra-High-Resolution Full-Frame CIS Average Price by Application
(2021-2032)

9 COMPANY PROFILES

9.1 Sony

9.1.1 Sony Details

9.1.2 Sony Major Business

9.1.3 Sony Ultra-High-Resolution Full-Frame CIS Product and Services

9.1.4 Sony Ultra-High-Resolution Full-Frame CIS Production, Price, Value, Gross
Margin and Market Share (2021-2026)

9.1.5 Sony Recent Developments/Updates

9.1.6 Sony Competitive Strengths & Weaknesses

9.2 Canon

9.2.1 Canon Details

9.2.2 Canon Major Business

9.2.3 Canon Ultra-High-Resolution Full-Frame CIS Product and Services

9.2.4 Canon Ultra-High-Resolution Full-Frame CIS Production, Price, Value, Gross
Margin and Market Share (2021-2026)

9.2.5 Canon Recent Developments/Updates

9.2.6 Canon Competitive Strengths & Weaknesses

9.3 SmartSens Technology

9.3.1 SmartSens Technology Details

9.3.2 SmartSens Technology Major Business

9.3.3 SmartSens Technology Ultra-High-Resolution Full-Frame CIS Product and Services

9.3.4 SmartSens Technology Ultra-High-Resolution Full-Frame CIS Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 SmartSens Technology Recent Developments/Updates

9.3.6 SmartSens Technology Competitive Strengths & Weaknesses

9.4 OmniVision Group

9.4.1 OmniVision Group Details

9.4.2 OmniVision Group Major Business

9.4.3 OmniVision Group Ultra-High-Resolution Full-Frame CIS Product and Services

9.4.4 OmniVision Group Ultra-High-Resolution Full-Frame CIS Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 OmniVision Group Recent Developments/Updates

9.4.6 OmniVision Group Competitive Strengths & Weaknesses

9.5 ams OSRAM

9.5.1 ams OSRAM Details

9.5.2 ams OSRAM Major Business

9.5.3 ams OSRAM Ultra-High-Resolution Full-Frame CIS Product and Services

9.5.4 ams OSRAM Ultra-High-Resolution Full-Frame CIS Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 ams OSRAM Recent Developments/Updates

9.5.6 ams OSRAM Competitive Strengths & Weaknesses

9.6 Nexchip

9.6.1 Nexchip Details

9.6.2 Nexchip Major Business

9.6.3 Nexchip Ultra-High-Resolution Full-Frame CIS Product and Services

9.6.4 Nexchip Ultra-High-Resolution Full-Frame CIS Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Nexchip Recent Developments/Updates

9.6.6 Nexchip Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Ultra-High-Resolution Full-Frame CIS Industry Chain

10.2 Ultra-High-Resolution Full-Frame CIS Upstream Analysis

10.2.1 Ultra-High-Resolution Full-Frame CIS Core Raw Materials

10.2.2 Main Manufacturers of Ultra-High-Resolution Full-Frame CIS Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Ultra-High-Resolution Full-Frame CIS Production Mode

10.6 Ultra-High-Resolution Full-Frame CIS Procurement Model

10.7 Ultra-High-Resolution Full-Frame CIS Industry Sales Model and Sales Channels

10.7.1 Ultra-High-Resolution Full-Frame CIS Sales Model

10.7.2 Ultra-High-Resolution Full-Frame CIS Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Ultra-High-Resolution Full-Frame CIS Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Ultra-High-Resolution Full-Frame CIS Production Value by Region (2021-2026) & (USD Million)

Table 3. World Ultra-High-Resolution Full-Frame CIS Production Value by Region (2027-2032) & (USD Million)

Table 4. World Ultra-High-Resolution Full-Frame CIS Production Value Market Share by Region (2021-2026)

Table 5. World Ultra-High-Resolution Full-Frame CIS Production Value Market Share by Region (2027-2032)

Table 6. World Ultra-High-Resolution Full-Frame CIS Production by Region (2021-2026) & (Million Units)

Table 7. World Ultra-High-Resolution Full-Frame CIS Production by Region (2027-2032) & (Million Units)

Table 8. World Ultra-High-Resolution Full-Frame CIS Production Market Share by Region (2021-2026)

Table 9. World Ultra-High-Resolution Full-Frame CIS Production Market Share by Region (2027-2032)

Table 10. World Ultra-High-Resolution Full-Frame CIS Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Ultra-High-Resolution Full-Frame CIS Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Ultra-High-Resolution Full-Frame CIS Major Market Trends

Table 13. World Ultra-High-Resolution Full-Frame CIS Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Million Units)

Table 14. World Ultra-High-Resolution Full-Frame CIS Consumption by Region (2021-2026) & (Million Units)

Table 15. World Ultra-High-Resolution Full-Frame CIS Consumption Forecast by Region (2027-2032) & (Million Units)

Table 16. World Ultra-High-Resolution Full-Frame CIS Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Ultra-High-Resolution Full-Frame CIS Producers in 2025

Table 18. World Ultra-High-Resolution Full-Frame CIS Production by Manufacturer (2021-2026) & (Million Units)

Table 19. Production Market Share of Key Ultra-High-Resolution Full-Frame CIS Producers in 2025

Table 20. World Ultra-High-Resolution Full-Frame CIS Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Ultra-High-Resolution Full-Frame CIS Company Evaluation Quadrant

Table 22. World Ultra-High-Resolution Full-Frame CIS Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Ultra-High-Resolution Full-Frame CIS Production Site of Key Manufacturer

Table 24. Ultra-High-Resolution Full-Frame CIS Market: Company Product Type Footprint

Table 25. Ultra-High-Resolution Full-Frame CIS Market: Company Product Application Footprint

Table 26. Ultra-High-Resolution Full-Frame CIS Competitive Factors

Table 27. Ultra-High-Resolution Full-Frame CIS New Entrant and Capacity Expansion Plans

Table 28. Ultra-High-Resolution Full-Frame CIS Mergers & Acquisitions Activity

Table 29. United States VS China Ultra-High-Resolution Full-Frame CIS Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Ultra-High-Resolution Full-Frame CIS Production Comparison, (2021 & 2025 & 2032) & (Million Units)

Table 31. United States VS China Ultra-High-Resolution Full-Frame CIS Consumption Comparison, (2021 & 2025 & 2032) & (Million Units)

Table 32. United States Based Ultra-High-Resolution Full-Frame CIS Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production (2021-2026) & (Million Units)

Table 36. United States Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Market Share (2021-2026)

Table 37. China Based Ultra-High-Resolution Full-Frame CIS Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production, (2021-2026) & (Million Units)

Table 41. China Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Market Share (2021-2026)

Table 42. Rest of World Based Ultra-High-Resolution Full-Frame CIS Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production, (2021-2026) & (Million Units)

Table 46. Rest of World Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Market Share (2021-2026)

Table 47. World Ultra-High-Resolution Full-Frame CIS Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Ultra-High-Resolution Full-Frame CIS Production by Type (2021-2026) & (Million Units)

Table 49. World Ultra-High-Resolution Full-Frame CIS Production by Type (2027-2032) & (Million Units)

Table 50. World Ultra-High-Resolution Full-Frame CIS Production Value by Type (2021-2026) & (USD Million)

Table 51. World Ultra-High-Resolution Full-Frame CIS Production Value by Type (2027-2032) & (USD Million)

Table 52. World Ultra-High-Resolution Full-Frame CIS Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Ultra-High-Resolution Full-Frame CIS Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Ultra-High-Resolution Full-Frame CIS Production Value by Process Structure, (USD Million), 2021 & 2025 & 2032

Table 55. World Ultra-High-Resolution Full-Frame CIS Production by Process Structure (2021-2026) & (Million Units)

Table 56. World Ultra-High-Resolution Full-Frame CIS Production by Process Structure (2027-2032) & (Million Units)

Table 57. World Ultra-High-Resolution Full-Frame CIS Production Value by Process Structure (2021-2026) & (USD Million)

Table 58. World Ultra-High-Resolution Full-Frame CIS Production Value by Process Structure (2027-2032) & (USD Million)

Table 59. World Ultra-High-Resolution Full-Frame CIS Average Price by Process

Structure (2021-2026) & (US\$/Unit)

Table 60. World Ultra-High-Resolution Full-Frame CIS Average Price by Process Structure (2027-2032) & (US\$/Unit)

Table 61. World Ultra-High-Resolution Full-Frame CIS Production Value by Color Format, (USD Million), 2021 & 2025 & 2032

Table 62. World Ultra-High-Resolution Full-Frame CIS Production by Color Format (2021-2026) & (Million Units)

Table 63. World Ultra-High-Resolution Full-Frame CIS Production by Color Format (2027-2032) & (Million Units)

Table 64. World Ultra-High-Resolution Full-Frame CIS Production Value by Color Format (2021-2026) & (USD Million)

Table 65. World Ultra-High-Resolution Full-Frame CIS Production Value by Color Format (2027-2032) & (USD Million)

Table 66. World Ultra-High-Resolution Full-Frame CIS Average Price by Color Format (2021-2026) & (US\$/Unit)

Table 67. World Ultra-High-Resolution Full-Frame CIS Average Price by Color Format (2027-2032) & (US\$/Unit)

Table 68. World Ultra-High-Resolution Full-Frame CIS Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Ultra-High-Resolution Full-Frame CIS Production by Application (2021-2026) & (Million Units)

Table 70. World Ultra-High-Resolution Full-Frame CIS Production by Application (2027-2032) & (Million Units)

Table 71. World Ultra-High-Resolution Full-Frame CIS Production Value by Application (2021-2026) & (USD Million)

Table 72. World Ultra-High-Resolution Full-Frame CIS Production Value by Application (2027-2032) & (USD Million)

Table 73. World Ultra-High-Resolution Full-Frame CIS Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Ultra-High-Resolution Full-Frame CIS Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Sony Basic Information, Manufacturing Base and Competitors

Table 76. Sony Major Business

Table 77. Sony Ultra-High-Resolution Full-Frame CIS Product and Services

Table 78. Sony Ultra-High-Resolution Full-Frame CIS Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Sony Recent Developments/Updates

Table 80. Sony Competitive Strengths & Weaknesses

Table 81. Canon Basic Information, Manufacturing Base and Competitors

Table 82. Canon Major Business

Table 83. Canon Ultra-High-Resolution Full-Frame CIS Product and Services

Table 84. Canon Ultra-High-Resolution Full-Frame CIS Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Canon Recent Developments/Updates

Table 86. Canon Competitive Strengths & Weaknesses

Table 87. SmartSens Technology Basic Information, Manufacturing Base and Competitors

Table 88. SmartSens Technology Major Business

Table 89. SmartSens Technology Ultra-High-Resolution Full-Frame CIS Product and Services

Table 90. SmartSens Technology Ultra-High-Resolution Full-Frame CIS Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. SmartSens Technology Recent Developments/Updates

Table 92. SmartSens Technology Competitive Strengths & Weaknesses

Table 93. OmniVision Group Basic Information, Manufacturing Base and Competitors

Table 94. OmniVision Group Major Business

Table 95. OmniVision Group Ultra-High-Resolution Full-Frame CIS Product and Services

Table 96. OmniVision Group Ultra-High-Resolution Full-Frame CIS Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. OmniVision Group Recent Developments/Updates

Table 98. OmniVision Group Competitive Strengths & Weaknesses

Table 99. ams OSRAM Basic Information, Manufacturing Base and Competitors

Table 100. ams OSRAM Major Business

Table 101. ams OSRAM Ultra-High-Resolution Full-Frame CIS Product and Services

Table 102. ams OSRAM Ultra-High-Resolution Full-Frame CIS Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. ams OSRAM Recent Developments/Updates

Table 104. ams OSRAM Competitive Strengths & Weaknesses

Table 105. Nexchip Basic Information, Manufacturing Base and Competitors

Table 106. Nexchip Major Business

Table 107. Nexchip Ultra-High-Resolution Full-Frame CIS Product and Services

Table 108. Nexchip Ultra-High-Resolution Full-Frame CIS Production (Million Units),

Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share
(2021-2026)

Table 109. Nexchip Recent Developments/Updates

Table 110. Nexchip Competitive Strengths & Weaknesses

Table 111. Global Key Players of Ultra-High-Resolution Full-Frame CIS Upstream (Raw
Materials)

Table 112. Global Ultra-High-Resolution Full-Frame CIS Typical Customers

Table 113. Ultra-High-Resolution Full-Frame CIS Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Ultra-High-Resolution Full-Frame CIS Picture
- Figure 2. World Ultra-High-Resolution Full-Frame CIS Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Ultra-High-Resolution Full-Frame CIS Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Ultra-High-Resolution Full-Frame CIS Production (2021-2032) & (Million Units)
- Figure 5. World Ultra-High-Resolution Full-Frame CIS Average Price (2021-2032) & (US\$/Unit)
- Figure 6. World Ultra-High-Resolution Full-Frame CIS Production Value Market Share by Region (2021-2032)
- Figure 7. World Ultra-High-Resolution Full-Frame CIS Production Market Share by Region (2021-2032)
- Figure 8. Japan Ultra-High-Resolution Full-Frame CIS Production (2021-2032) & (Million Units)
- Figure 9. China Ultra-High-Resolution Full-Frame CIS Production (2021-2032) & (Million Units)
- Figure 10. Europe Ultra-High-Resolution Full-Frame CIS Production (2021-2032) & (Million Units)
- Figure 11. Ultra-High-Resolution Full-Frame CIS Market Drivers
- Figure 12. Factors Affecting Demand
- Figure 13. World Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032) & (Million Units)
- Figure 14. World Ultra-High-Resolution Full-Frame CIS Consumption Market Share by Region (2021-2032)
- Figure 15. United States Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032) & (Million Units)
- Figure 16. China Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032) & (Million Units)
- Figure 17. Europe Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032) & (Million Units)
- Figure 18. Japan Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032) & (Million Units)
- Figure 19. South Korea Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032) & (Million Units)

Figure 20. ASEAN Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032) & (Million Units)

Figure 21. India Ultra-High-Resolution Full-Frame CIS Consumption (2021-2032) & (Million Units)

Figure 22. Producer Shipments of Ultra-High-Resolution Full-Frame CIS by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 23. Global Four-firm Concentration Ratios (CR4) for Ultra-High-Resolution Full-Frame CIS Markets in 2025

Figure 24. Global Four-firm Concentration Ratios (CR8) for Ultra-High-Resolution Full-Frame CIS Markets in 2025

Figure 25. United States VS China: Ultra-High-Resolution Full-Frame CIS Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 26. United States VS China: Ultra-High-Resolution Full-Frame CIS Production Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Ultra-High-Resolution Full-Frame CIS Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Market Share 2025

Figure 29. China Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Market Share 2025

Figure 30. Rest of World Based Manufacturers Ultra-High-Resolution Full-Frame CIS Production Market Share 2025

Figure 31. World Ultra-High-Resolution Full-Frame CIS Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 32. World Ultra-High-Resolution Full-Frame CIS Production Value Market Share by Type in 2025

Figure 33. Tens of Millions of Pixels (10MP+)

Figure 34. Hundreds of Millions of Pixels (100MP+)

Figure 35. World Ultra-High-Resolution Full-Frame CIS Production Market Share by Type (2021-2032)

Figure 36. World Ultra-High-Resolution Full-Frame CIS Production Value Market Share by Type (2021-2032)

Figure 37. World Ultra-High-Resolution Full-Frame CIS Average Price by Type (2021-2032) & (US\$/Unit)

Figure 38. World Ultra-High-Resolution Full-Frame CIS Production Value by Process Structure, (USD Million), 2021 & 2025 & 2032

Figure 39. World Ultra-High-Resolution Full-Frame CIS Production Value Market Share by Process Structure in 2025

Figure 40. FSI (Front-Side Illumination)

Figure 41. BSI (Back-Side Illumination)

Figure 42. World Ultra-High-Resolution Full-Frame CIS Production Market Share by Process Structure (2021-2032)

Figure 43. World Ultra-High-Resolution Full-Frame CIS Production Value Market Share by Process Structure (2021-2032)

Figure 44. World Ultra-High-Resolution Full-Frame CIS Average Price by Process Structure (2021-2032) & (US\$/Unit)

Figure 45. World Ultra-High-Resolution Full-Frame CIS Production Value by Color Format, (USD Million), 2021 & 2025 & 2032

Figure 46. World Ultra-High-Resolution Full-Frame CIS Production Value Market Share by Color Format in 2025

Figure 47. Color

Figure 48. Monochrome

Figure 49. Near-infrared (NIR) enhanced

Figure 50. World Ultra-High-Resolution Full-Frame CIS Production Market Share by Color Format (2021-2032)

Figure 51. World Ultra-High-Resolution Full-Frame CIS Production Value Market Share by Color Format (2021-2032)

Figure 52. World Ultra-High-Resolution Full-Frame CIS Average Price by Color Format (2021-2032) & (US\$/Unit)

Figure 53. World Ultra-High-Resolution Full-Frame CIS Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 54. World Ultra-High-Resolution Full-Frame CIS Production Value Market Share by Application in 2025

Figure 55. Camera

Figure 56. Scientific Imaging Equipments

Figure 57. Industrial Vision

Figure 58. Others

Figure 59. World Ultra-High-Resolution Full-Frame CIS Production Market Share by Application (2021-2032)

Figure 60. World Ultra-High-Resolution Full-Frame CIS Production Value Market Share by Application (2021-2032)

Figure 61. World Ultra-High-Resolution Full-Frame CIS Average Price by Application (2021-2032) & (US\$/Unit)

Figure 62. Ultra-High-Resolution Full-Frame CIS Industry Chain

Figure 63. Ultra-High-Resolution Full-Frame CIS Procurement Model

Figure 64. Ultra-High-Resolution Full-Frame CIS Sales Model

Figure 65. Ultra-High-Resolution Full-Frame CIS Sales Channels, Direct Sales, and Distribution

Figure 66. Methodology

Figure 67. Research Process and Data Source

I would like to order

Product name: Global Ultra-High-Resolution Full-Frame CIS Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GCCE1EFDE07EEN.html>

Price: US\$ 4,480.00 (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/GCCE1EFDE07EEN.html>