

Global Frame Grabber Market Size study & Forecast, by Application (Web Inspection, Transportation Safety and Maintenance, Scientific, Factory Automation, Industrial Camera Manufacturer, Security), by End-Use (OEMs, Manufacturers, System Integrators), and Regional Analysis, 2022-2029

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Abstracts

Global Frame Grabber Market is valued at approximately USD 320.43 million in 2021 and is anticipated to grow with a healthy growth rate of more than 7.20% over the forecast period 2022-2029. Frame grabber solutions in vision systems are required for applications involving image data rates of greater than 120 MB. The market is anticipated to be driven by growing awareness of frame grabber benefits including high processing capacity and data-rate handling capabilities. Along with this, the demand for video surveillance market is rising which is increasing the demand for frame grabber market over the forecasted period. Along with this, rising sales of cameras is growing the demand for the market over the estimated period.

According to Statista, the global market for video surveillance was predicted to generate 74.6 billion US dollars in sales in 2025, up from 45.5 billion US dollars expected in 2020. The worldwide video surveillance industry is expected to grow to almost three times by 2025 as compare to 2016, according to the prediction. Moreover, the market is witnessing technological advancements such as integration of AI with frame grabber creating lucrative growth opportunities for the market over the forecasted period. Thus, the Global Frame Grabber Market is predicted to increase over the forecasted period. However, presence of large number of suppliers is limiting the market growth over the forecasted period.

The key regions considered for the Global Frame Grabber Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. Europe dominated the space in terms of revenue, owing to the dominance of key market players and the region's increasing demand for machine vision systems. Asia Pacific is expected to grow significantly during the forecast period, the entire market is predicted to gain from growing service & solution provider penetration in Asia Pacific's developing economies.

Major market players included in this report are:

Matrox

ADLINK Technology Inc.

Advantech, Co., Ltd.

Euresys S.A.

ISRA Vision AG

KAYA Instruments

Teledyne DALSA Inc.

Pleora Technologies Inc.

Imperx, Inc.

Active Silicon

Recent Developments in the Market:

In May 2020, Advantech a leading provider of automation technology launched 10 GigE Vision frame grabber cards which is supporting one or two independent technologies. Thus, the market is witnessing rise over the forecasted period. As the revenue for the market is increasing with the help of the product launch.

In 2019, BitFlow which is a global supplier of frame grabber technology which is majorly used in machine vision has launched CoaXPress v2.0 for Japan Industrial Imaging Association (JIIA).

Global Frame Grabber Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Application, End-Use, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Application offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Web Inspection

Transportation Safety and Maintenance

Scientific

Factory Automation

Industrial Camera Manufacturer

Security

By End-Use:

OEMs

Manufacturers

System Integrators

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Frame Grabber Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Frame Grabber Market, by Application, 2019-2029 (USD Billion)
 - 1.2.3. Frame Grabber Market, by End-Use, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL FRAME GRABBER MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL FRAME GRABBER MARKET DYNAMICS

- 3.1. Frame Grabber Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing video surveillance industry
 - 3.1.1.2. Rising sales of cameras
 - 3.1.2. Market Challenges
 - 3.1.2.1. Number of suppliers in the market
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising technological advancement

CHAPTER 4. GLOBAL FRAME GRABBER MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants

- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL FRAME GRABBER MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Frame Grabber Market by Application, Performance - Potential Analysis
- 6.3. Global Frame Grabber Market Estimates & Forecasts by Application, 2019-2029 (USD Billion)
- 6.4. Frame Grabber Market, Sub Segment Analysis
 - 6.4.1. Web Inspection
 - 6.4.2. Transportation Safety and Maintenance
 - 6.4.3. Scientific
 - 6.4.4. Factory Automation
 - 6.4.5. Industrial Camera Manufacturer
 - 6.4.6. Security

CHAPTER 7. GLOBAL FRAME GRABBER MARKET, BY END-USE

- 7.1. Market Snapshot
- 7.2. Global Frame Grabber Market by End-Use, Performance - Potential Analysis
- 7.3. Global Frame Grabber Market Estimates & Forecasts by End-Use, 2019-2029 (USD Billion)
- 7.4. Frame Grabber Market, Sub Segment Analysis

- 7.4.1. OEMs
- 7.4.2. Manufacturers
- 7.4.3. System Integrators

CHAPTER 8. GLOBAL FRAME GRABBER MARKET, REGIONAL ANALYSIS

- 8.1. Frame Grabber Market, Regional Market Snapshot
- 8.2. North America Frame Grabber Market
 - 8.2.1. U.S. Frame Grabber Market
 - 8.2.1.1. Application breakdown estimates & forecasts, 2019-2029
 - 8.2.1.2. End-Use breakdown estimates & forecasts, 2019-2029
 - 8.2.2. Canada Frame Grabber Market
- 8.3. Europe Frame Grabber Market Snapshot
 - 8.3.1. U.K. Frame Grabber Market
 - 8.3.2. Germany Frame Grabber Market
 - 8.3.3. France Frame Grabber Market
 - 8.3.4. Spain Frame Grabber Market
 - 8.3.5. Italy Frame Grabber Market
 - 8.3.6. Rest of Europe Frame Grabber Market
- 8.4. Asia-Pacific Frame Grabber Market Snapshot
 - 8.4.1. China Frame Grabber Market
 - 8.4.2. India Frame Grabber Market
 - 8.4.3. Japan Frame Grabber Market
 - 8.4.4. Australia Frame Grabber Market
 - 8.4.5. South Korea Frame Grabber Market
 - 8.4.6. Rest of Asia Pacific Frame Grabber Market
- 8.5. Latin America Frame Grabber Market Snapshot
 - 8.5.1. Brazil Frame Grabber Market
 - 8.5.2. Mexico Frame Grabber Market
- 8.6. Rest of The World Frame Grabber Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. Matrox
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview
 - 9.2.1.3. Financial (Subject to Data Availability)

- 9.2.1.4. Product Summary
- 9.2.1.5. Recent Developments
- 9.2.2. ADLINK Technology Inc.
- 9.2.3. Advantech, Co., Ltd.
- 9.2.4. Euresys S.A.
- 9.2.5. ISRA Vision AG
- 9.2.6. KAYA Instruments
- 9.2.7. Teledyne DALSA Inc.
- 9.2.8. Pleora Technologies Inc.
- 9.2.9. Imperx, Inc.
- 9.2.10. Active Silicon

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Frame Grabber Market, report scope

TABLE 2. Global Frame Grabber Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Frame Grabber Market estimates & forecasts by Application 2019-2029 (USD Billion)

TABLE 4. Global Frame Grabber Market estimates & forecasts by End-Use 2019-2029 (USD Billion)

TABLE 5. Global Frame Grabber Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 6. Global Frame Grabber Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Frame Grabber Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Frame Grabber Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Frame Grabber Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Frame Grabber Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Frame Grabber Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Frame Grabber Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Frame Grabber Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Frame Grabber Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. U.S. Frame Grabber Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 17. U.S. Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. Canada Frame Grabber Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada Frame Grabber Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 20. Canada Frame Grabber Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 21. UK Frame Grabber Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany Frame Grabber Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France Frame Grabber Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy Frame Grabber Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain Frame Grabber Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE Frame Grabber Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE Frame Grabber Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 39. China Frame Grabber Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Frame Grabber Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 41. China Frame Grabber Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 42. India Frame Grabber Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Frame Grabber Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 44. India Frame Grabber Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 45. Japan Frame Grabber Market estimates & forecasts, 2019-2029 (USD

Billion)

TABLE 46. Japan Frame Grabber Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 47. Japan Frame Grabber Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 48. South Korea Frame Grabber Market estimates & forecasts, 2019-2029

(USD Billion)

TABLE 49. South Korea Frame Grabber Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 50. South Korea Frame Grabber Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 51. Australia Frame Grabber Market estimates & forecasts, 2019-2029 (USD

Billion)

TABLE 52. Australia Frame Grabber Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 53. Australia Frame Grabber Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 54. RoAPAC Frame Grabber Market estimates & forecasts, 2019-2029 (USD

Billion)

TABLE 55. RoAPAC Frame Grabber Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 56. RoAPAC Frame Grabber Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 57. Brazil Frame Grabber Market estimates & forecasts, 2019-2029 (USD

Billion)

TABLE 58. Brazil Frame Grabber Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 59. Brazil Frame Grabber Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 60. Mexico Frame Grabber Market estimates & forecasts, 2019-2029 (USD

Billion)

TABLE 61. Mexico Frame Grabber Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 62. Mexico Frame Grabber Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 63. RoLA Frame Grabber Market estimates & forecasts, 2019-2029 (USD
Billion)

TABLE 64. RoLA Frame Grabber Market estimates & forecasts by segment 2019-2029
(USD Billion)

TABLE 65. RoLA Frame Grabber Market estimates & forecasts by segment 2019-2029
(USD Billion)

TABLE 66. Row Frame Grabber Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 67. Row Frame Grabber Market estimates & forecasts by segment 2019-2029
(USD Billion)

TABLE 68. Row Frame Grabber Market estimates & forecasts by segment 2019-2029
(USD Billion)

TABLE 69. List of secondary sources, used in the study of global Frame Grabber
Market

TABLE 70. List of primary sources, used in the study of global Frame Grabber Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final
deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Frame Grabber Market, research methodology
 - FIG 2. Global Frame Grabber Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Frame Grabber Market, key trends 2021
 - FIG 5. Global Frame Grabber Market, growth prospects 2022-2029
 - FIG 6. Global Frame Grabber Market, porters 5 force model
 - FIG 7. Global Frame Grabber Market, pest analysis
 - FIG 8. Global Frame Grabber Market, value chain analysis
 - FIG 9. Global Frame Grabber Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Frame Grabber Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Frame Grabber Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Frame Grabber Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Frame Grabber Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Frame Grabber Market, regional snapshot 2019 & 2029
 - FIG 15. North America Frame Grabber Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Frame Grabber Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia Pacific Frame Grabber Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Frame Grabber Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Frame Grabber Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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