

Global Cockpit Voice and Flight Data Recorder Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G259580B2F2EEN.html>

Date: June 2025

Pages: 96

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

ID: G259580B2F2EEN

Abstracts

According to our (Global Info Research) latest study, the global Cockpit Voice and Flight Data Recorder market size was valued at US\$ 332 million in 2024 and is forecast to a readjusted size of USD 416 million by 2031 with a CAGR of 3.3% during review period.

Cockpit voice recorders (CVRs) and flight data recorder (FDRs) are devices that are installed in aircraft to record the environment in the flight deck for investigation of accidents and incidents. FDR preserves the recent history of a flight by recording multiple parameters, which are collected several times per second. CVR is used to record the recent history of the sounds in the cockpit, including the conversation of pilots.

Global Cockpit Voice and Flight Data Recorder key players include L3 Technologies, Honeywell International, Curtiss-Wright, GE Aviation, etc. Global top four manufacturers hold a share over 75%.

North America is the largest market, with a share about 45%, followed by Europe, and Asia-Pacific, both have a share about 50 percent.

In terms of product, FDR is the largest segment, with a share nearly 45%. And in terms of application, the largest application is Civil Use, followed by Military Use.

This report is a detailed and comprehensive analysis for global Cockpit Voice and Flight Data Recorder 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 Cockpit Voice and Flight Data Recorder market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Cockpit Voice and Flight Data Recorder market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Cockpit Voice and Flight Data Recorder market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Cockpit Voice and Flight Data Recorder market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2020-2025

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 Cockpit Voice and Flight Data Recorder

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 Cockpit Voice and Flight Data Recorder 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 L3 Technologies, Honeywell International, Curtiss-Wright, GE Aviation, Leonardo DRS, Safran, RUAG, UASC, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

Market Segmentation

Cockpit Voice and Flight Data Recorder market is split by Type and by Application. For the period 2020-2031, 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

CVR

FDR

CVFDR

Market segment by Application

Military Use

Civil Use

Major players covered

L3 Technologies

Honeywell International

Curtiss-Wright

GE Aviation

Leonardo DRS

Safran

RUAG

UASC

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 Cockpit Voice and Flight Data Recorder product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Cockpit Voice and Flight Data Recorder, with price, sales quantity, revenue, and global market share of Cockpit Voice and Flight Data Recorder from 2020 to 2025.

Chapter 3, the Cockpit Voice and Flight Data Recorder competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Cockpit Voice and Flight Data Recorder breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Cockpit Voice and Flight Data Recorder market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Cockpit Voice and Flight Data Recorder.

Chapter 14 and 15, to describe Cockpit Voice and Flight Data Recorder 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 Cockpit Voice and Flight Data Recorder Consumption Value by Type: 2020 Versus 2024 Versus 2031
 - 1.3.2 CVR
 - 1.3.3 FDR
 - 1.3.4 CVFDR
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Cockpit Voice and Flight Data Recorder Consumption Value by Application: 2020 Versus 2024 Versus 2031
 - 1.4.2 Military Use
 - 1.4.3 Civil Use
- 1.5 Global Cockpit Voice and Flight Data Recorder Market Size & Forecast
 - 1.5.1 Global Cockpit Voice and Flight Data Recorder Consumption Value (2020 & 2024 & 2031)
 - 1.5.2 Global Cockpit Voice and Flight Data Recorder Sales Quantity (2020-2031)
 - 1.5.3 Global Cockpit Voice and Flight Data Recorder Average Price (2020-2031)

2 MANUFACTURERS PROFILES

- 2.1 L3 Technologies
 - 2.1.1 L3 Technologies Details
 - 2.1.2 L3 Technologies Major Business
 - 2.1.3 L3 Technologies Cockpit Voice and Flight Data Recorder Product and Services
 - 2.1.4 L3 Technologies Cockpit Voice and Flight Data Recorder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.1.5 L3 Technologies Recent Developments/Updates
- 2.2 Honeywell International
 - 2.2.1 Honeywell International Details
 - 2.2.2 Honeywell International Major Business
 - 2.2.3 Honeywell International Cockpit Voice and Flight Data Recorder Product and Services
 - 2.2.4 Honeywell International Cockpit Voice and Flight Data Recorder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.2.5 Honeywell International Recent Developments/Updates
- 2.3 Curtiss-Wright
 - 2.3.1 Curtiss-Wright Details
 - 2.3.2 Curtiss-Wright Major Business
 - 2.3.3 Curtiss-Wright Cockpit Voice and Flight Data Recorder Product and Services
 - 2.3.4 Curtiss-Wright Cockpit Voice and Flight Data Recorder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.3.5 Curtiss-Wright Recent Developments/Updates
- 2.4 GE Aviation
 - 2.4.1 GE Aviation Details
 - 2.4.2 GE Aviation Major Business
 - 2.4.3 GE Aviation Cockpit Voice and Flight Data Recorder Product and Services
 - 2.4.4 GE Aviation Cockpit Voice and Flight Data Recorder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 GE Aviation Recent Developments/Updates
- 2.5 Leonardo DRS
 - 2.5.1 Leonardo DRS Details
 - 2.5.2 Leonardo DRS Major Business
 - 2.5.3 Leonardo DRS Cockpit Voice and Flight Data Recorder Product and Services
 - 2.5.4 Leonardo DRS Cockpit Voice and Flight Data Recorder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Leonardo DRS Recent Developments/Updates
- 2.6 Safran
 - 2.6.1 Safran Details
 - 2.6.2 Safran Major Business
 - 2.6.3 Safran Cockpit Voice and Flight Data Recorder Product and Services
 - 2.6.4 Safran Cockpit Voice and Flight Data Recorder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 Safran Recent Developments/Updates
- 2.7 RUAG
 - 2.7.1 RUAG Details
 - 2.7.2 RUAG Major Business
 - 2.7.3 RUAG Cockpit Voice and Flight Data Recorder Product and Services
 - 2.7.4 RUAG Cockpit Voice and Flight Data Recorder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.7.5 RUAG Recent Developments/Updates
- 2.8 UASC
 - 2.8.1 UASC Details
 - 2.8.2 UASC Major Business

- 2.8.3 UASC Cockpit Voice and Flight Data Recorder Product and Services
- 2.8.4 UASC Cockpit Voice and Flight Data Recorder Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 UASC Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: COCKPIT VOICE AND FLIGHT DATA RECORDER BY MANUFACTURER

- 3.1 Global Cockpit Voice and Flight Data Recorder Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Cockpit Voice and Flight Data Recorder Revenue by Manufacturer (2020-2025)
- 3.3 Global Cockpit Voice and Flight Data Recorder Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of Cockpit Voice and Flight Data Recorder by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 Cockpit Voice and Flight Data Recorder Manufacturer Market Share in 2024
 - 3.4.3 Top 6 Cockpit Voice and Flight Data Recorder Manufacturer Market Share in 2024
- 3.5 Cockpit Voice and Flight Data Recorder Market: Overall Company Footprint Analysis
 - 3.5.1 Cockpit Voice and Flight Data Recorder Market: Region Footprint
 - 3.5.2 Cockpit Voice and Flight Data Recorder Market: Company Product Type Footprint
 - 3.5.3 Cockpit Voice and Flight Data Recorder 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 Cockpit Voice and Flight Data Recorder Market Size by Region
 - 4.1.1 Global Cockpit Voice and Flight Data Recorder Sales Quantity by Region (2020-2031)
 - 4.1.2 Global Cockpit Voice and Flight Data Recorder Consumption Value by Region (2020-2031)
 - 4.1.3 Global Cockpit Voice and Flight Data Recorder Average Price by Region

(2020-2031)

4.2 North America Cockpit Voice and Flight Data Recorder Consumption Value

(2020-2031)

4.3 Europe Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031)

4.4 Asia-Pacific Cockpit Voice and Flight Data Recorder Consumption Value

(2020-2031)

4.5 South America Cockpit Voice and Flight Data Recorder Consumption Value

(2020-2031)

4.6 Middle East & Africa Cockpit Voice and Flight Data Recorder Consumption Value

(2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2020-2031)

5.2 Global Cockpit Voice and Flight Data Recorder Consumption Value by Type

(2020-2031)

5.3 Global Cockpit Voice and Flight Data Recorder Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Cockpit Voice and Flight Data Recorder Sales Quantity by Application

(2020-2031)

6.2 Global Cockpit Voice and Flight Data Recorder Consumption Value by Application

(2020-2031)

6.3 Global Cockpit Voice and Flight Data Recorder Average Price by Application

(2020-2031)

7 NORTH AMERICA

7.1 North America Cockpit Voice and Flight Data Recorder Sales Quantity by Type

(2020-2031)

7.2 North America Cockpit Voice and Flight Data Recorder Sales Quantity by

Application (2020-2031)

7.3 North America Cockpit Voice and Flight Data Recorder Market Size by Country

7.3.1 North America Cockpit Voice and Flight Data Recorder Sales Quantity by

Country (2020-2031)

7.3.2 North America Cockpit Voice and Flight Data Recorder Consumption Value by

Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2020-2031)

8.2 Europe Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2020-2031)

8.3 Europe Cockpit Voice and Flight Data Recorder Market Size by Country

8.3.1 Europe Cockpit Voice and Flight Data Recorder Sales Quantity by Country (2020-2031)

8.3.2 Europe Cockpit Voice and Flight Data Recorder Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Cockpit Voice and Flight Data Recorder Market Size by Region

9.3.1 Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Cockpit Voice and Flight Data Recorder Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2020-2031)

10.2 South America Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2020-2031)

10.3 South America Cockpit Voice and Flight Data Recorder Market Size by Country

10.3.1 South America Cockpit Voice and Flight Data Recorder Sales Quantity by Country (2020-2031)

10.3.2 South America Cockpit Voice and Flight Data Recorder Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Cockpit Voice and Flight Data Recorder Market Size by Country

11.3.1 Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Cockpit Voice and Flight Data Recorder Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 Cockpit Voice and Flight Data Recorder Market Drivers

12.2 Cockpit Voice and Flight Data Recorder Market Restraints

12.3 Cockpit Voice and Flight Data Recorder 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 Cockpit Voice and Flight Data Recorder and Key Manufacturers

13.2 Manufacturing Costs Percentage of Cockpit Voice and Flight Data Recorder

13.3 Cockpit Voice and Flight Data Recorder 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 Cockpit Voice and Flight Data Recorder Typical Distributors

14.3 Cockpit Voice and Flight Data Recorder 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 Cockpit Voice and Flight Data Recorder Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Cockpit Voice and Flight Data Recorder Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. L3 Technologies Basic Information, Manufacturing Base and Competitors

Table 4. L3 Technologies Major Business

Table 5. L3 Technologies Cockpit Voice and Flight Data Recorder Product and Services

Table 6. L3 Technologies Cockpit Voice and Flight Data Recorder Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. L3 Technologies Recent Developments/Updates

Table 8. Honeywell International Basic Information, Manufacturing Base and Competitors

Table 9. Honeywell International Major Business

Table 10. Honeywell International Cockpit Voice and Flight Data Recorder Product and Services

Table 11. Honeywell International Cockpit Voice and Flight Data Recorder Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Honeywell International Recent Developments/Updates

Table 13. Curtiss-Wright Basic Information, Manufacturing Base and Competitors

Table 14. Curtiss-Wright Major Business

Table 15. Curtiss-Wright Cockpit Voice and Flight Data Recorder Product and Services

Table 16. Curtiss-Wright Cockpit Voice and Flight Data Recorder Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Curtiss-Wright Recent Developments/Updates

Table 18. GE Aviation Basic Information, Manufacturing Base and Competitors

Table 19. GE Aviation Major Business

Table 20. GE Aviation Cockpit Voice and Flight Data Recorder Product and Services

Table 21. GE Aviation Cockpit Voice and Flight Data Recorder Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. GE Aviation Recent Developments/Updates

Table 23. Leonardo DRS Basic Information, Manufacturing Base and Competitors

Table 24. Leonardo DRS Major Business

Table 25. Leonardo DRS Cockpit Voice and Flight Data Recorder Product and Services

Table 26. Leonardo DRS Cockpit Voice and Flight Data Recorder Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Leonardo DRS Recent Developments/Updates

Table 28. Safran Basic Information, Manufacturing Base and Competitors

Table 29. Safran Major Business

Table 30. Safran Cockpit Voice and Flight Data Recorder Product and Services

Table 31. Safran Cockpit Voice and Flight Data Recorder Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Safran Recent Developments/Updates

Table 33. RUAG Basic Information, Manufacturing Base and Competitors

Table 34. RUAG Major Business

Table 35. RUAG Cockpit Voice and Flight Data Recorder Product and Services

Table 36. RUAG Cockpit Voice and Flight Data Recorder Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. RUAG Recent Developments/Updates

Table 38. UASC Basic Information, Manufacturing Base and Competitors

Table 39. UASC Major Business

Table 40. UASC Cockpit Voice and Flight Data Recorder Product and Services

Table 41. UASC Cockpit Voice and Flight Data Recorder Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. UASC Recent Developments/Updates

Table 43. Global Cockpit Voice and Flight Data Recorder Sales Quantity by Manufacturer (2020-2025) & (Units)

Table 44. Global Cockpit Voice and Flight Data Recorder Revenue by Manufacturer (2020-2025) & (USD Million)

Table 45. Global Cockpit Voice and Flight Data Recorder Average Price by Manufacturer (2020-2025) & (K US\$/Unit)

Table 46. Market Position of Manufacturers in Cockpit Voice and Flight Data Recorder, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 47. Head Office and Cockpit Voice and Flight Data Recorder Production Site of Key Manufacturer

Table 48. Cockpit Voice and Flight Data Recorder Market: Company Product Type Footprint

Table 49. Cockpit Voice and Flight Data Recorder Market: Company Product Application Footprint

Table 50. Cockpit Voice and Flight Data Recorder New Market Entrants and Barriers to Market Entry

Table 51. Cockpit Voice and Flight Data Recorder Mergers, Acquisition, Agreements, and Collaborations

Table 52. Global Cockpit Voice and Flight Data Recorder Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 53. Global Cockpit Voice and Flight Data Recorder Sales Quantity by Region (2020-2025) & (Units)

Table 54. Global Cockpit Voice and Flight Data Recorder Sales Quantity by Region (2026-2031) & (Units)

Table 55. Global Cockpit Voice and Flight Data Recorder Consumption Value by Region (2020-2025) & (USD Million)

Table 56. Global Cockpit Voice and Flight Data Recorder Consumption Value by Region (2026-2031) & (USD Million)

Table 57. Global Cockpit Voice and Flight Data Recorder Average Price by Region (2020-2025) & (K US\$/Unit)

Table 58. Global Cockpit Voice and Flight Data Recorder Average Price by Region (2026-2031) & (K US\$/Unit)

Table 59. Global Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2020-2025) & (Units)

Table 60. Global Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2026-2031) & (Units)

Table 61. Global Cockpit Voice and Flight Data Recorder Consumption Value by Type (2020-2025) & (USD Million)

Table 62. Global Cockpit Voice and Flight Data Recorder Consumption Value by Type (2026-2031) & (USD Million)

Table 63. Global Cockpit Voice and Flight Data Recorder Average Price by Type (2020-2025) & (K US\$/Unit)

Table 64. Global Cockpit Voice and Flight Data Recorder Average Price by Type (2026-2031) & (K US\$/Unit)

Table 65. Global Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2020-2025) & (Units)

Table 66. Global Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2026-2031) & (Units)

Table 67. Global Cockpit Voice and Flight Data Recorder Consumption Value by Application (2020-2025) & (USD Million)

Table 68. Global Cockpit Voice and Flight Data Recorder Consumption Value by

Application (2026-2031) & (USD Million)

Table 69. Global Cockpit Voice and Flight Data Recorder Average Price by Application (2020-2025) & (K US\$/Unit)

Table 70. Global Cockpit Voice and Flight Data Recorder Average Price by Application (2026-2031) & (K US\$/Unit)

Table 71. North America Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2020-2025) & (Units)

Table 72. North America Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2026-2031) & (Units)

Table 73. North America Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2020-2025) & (Units)

Table 74. North America Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2026-2031) & (Units)

Table 75. North America Cockpit Voice and Flight Data Recorder Sales Quantity by Country (2020-2025) & (Units)

Table 76. North America Cockpit Voice and Flight Data Recorder Sales Quantity by Country (2026-2031) & (Units)

Table 77. North America Cockpit Voice and Flight Data Recorder Consumption Value by Country (2020-2025) & (USD Million)

Table 78. North America Cockpit Voice and Flight Data Recorder Consumption Value by Country (2026-2031) & (USD Million)

Table 79. Europe Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2020-2025) & (Units)

Table 80. Europe Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2026-2031) & (Units)

Table 81. Europe Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2020-2025) & (Units)

Table 82. Europe Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2026-2031) & (Units)

Table 83. Europe Cockpit Voice and Flight Data Recorder Sales Quantity by Country (2020-2025) & (Units)

Table 84. Europe Cockpit Voice and Flight Data Recorder Sales Quantity by Country (2026-2031) & (Units)

Table 85. Europe Cockpit Voice and Flight Data Recorder Consumption Value by Country (2020-2025) & (USD Million)

Table 86. Europe Cockpit Voice and Flight Data Recorder Consumption Value by Country (2026-2031) & (USD Million)

Table 87. Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2020-2025) & (Units)

Table 88. Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2026-2031) & (Units)

Table 89. Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2020-2025) & (Units)

Table 90. Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2026-2031) & (Units)

Table 91. Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity by Region (2020-2025) & (Units)

Table 92. Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity by Region (2026-2031) & (Units)

Table 93. Asia-Pacific Cockpit Voice and Flight Data Recorder Consumption Value by Region (2020-2025) & (USD Million)

Table 94. Asia-Pacific Cockpit Voice and Flight Data Recorder Consumption Value by Region (2026-2031) & (USD Million)

Table 95. South America Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2020-2025) & (Units)

Table 96. South America Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2026-2031) & (Units)

Table 97. South America Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2020-2025) & (Units)

Table 98. South America Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2026-2031) & (Units)

Table 99. South America Cockpit Voice and Flight Data Recorder Sales Quantity by Country (2020-2025) & (Units)

Table 100. South America Cockpit Voice and Flight Data Recorder Sales Quantity by Country (2026-2031) & (Units)

Table 101. South America Cockpit Voice and Flight Data Recorder Consumption Value by Country (2020-2025) & (USD Million)

Table 102. South America Cockpit Voice and Flight Data Recorder Consumption Value by Country (2026-2031) & (USD Million)

Table 103. Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2020-2025) & (Units)

Table 104. Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity by Type (2026-2031) & (Units)

Table 105. Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2020-2025) & (Units)

Table 106. Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity by Application (2026-2031) & (Units)

Table 107. Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity

by Country (2020-2025) & (Units)

Table 108. Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity
by Country (2026-2031) & (Units)

Table 109. Middle East & Africa Cockpit Voice and Flight Data Recorder Consumption
Value by Country (2020-2025) & (USD Million)

Table 110. Middle East & Africa Cockpit Voice and Flight Data Recorder Consumption
Value by Country (2026-2031) & (USD Million)

Table 111. Cockpit Voice and Flight Data Recorder Raw Material

Table 112. Key Manufacturers of Cockpit Voice and Flight Data Recorder Raw Materials

Table 113. Cockpit Voice and Flight Data Recorder Typical Distributors

Table 114. Cockpit Voice and Flight Data Recorder Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Cockpit Voice and Flight Data Recorder Picture
- Figure 2. Global Cockpit Voice and Flight Data Recorder Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Cockpit Voice and Flight Data Recorder Revenue Market Share by Type in 2024
- Figure 4. CVR Examples
- Figure 5. FDR Examples
- Figure 6. CVFDR Examples
- Figure 7. Global Cockpit Voice and Flight Data Recorder Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 8. Global Cockpit Voice and Flight Data Recorder Revenue Market Share by Application in 2024
- Figure 9. Military Use Examples
- Figure 10. Civil Use Examples
- Figure 11. Global Cockpit Voice and Flight Data Recorder Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 12. Global Cockpit Voice and Flight Data Recorder Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 13. Global Cockpit Voice and Flight Data Recorder Sales Quantity (2020-2031) & (Units)
- Figure 14. Global Cockpit Voice and Flight Data Recorder Price (2020-2031) & (K US\$/Unit)
- Figure 15. Global Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Manufacturer in 2024
- Figure 16. Global Cockpit Voice and Flight Data Recorder Revenue Market Share by Manufacturer in 2024
- Figure 17. Producer Shipments of Cockpit Voice and Flight Data Recorder by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 18. Top 3 Cockpit Voice and Flight Data Recorder Manufacturer (Revenue) Market Share in 2024
- Figure 19. Top 6 Cockpit Voice and Flight Data Recorder Manufacturer (Revenue) Market Share in 2024
- Figure 20. Global Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Region (2020-2031)
- Figure 21. Global Cockpit Voice and Flight Data Recorder Consumption Value Market

Share by Region (2020-2031)

Figure 22. North America Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 23. Europe Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 24. Asia-Pacific Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 25. South America Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 26. Middle East & Africa Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 27. Global Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Type (2020-2031)

Figure 28. Global Cockpit Voice and Flight Data Recorder Consumption Value Market Share by Type (2020-2031)

Figure 29. Global Cockpit Voice and Flight Data Recorder Average Price by Type (2020-2031) & (K US\$/Unit)

Figure 30. Global Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Application (2020-2031)

Figure 31. Global Cockpit Voice and Flight Data Recorder Revenue Market Share by Application (2020-2031)

Figure 32. Global Cockpit Voice and Flight Data Recorder Average Price by Application (2020-2031) & (K US\$/Unit)

Figure 33. North America Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Type (2020-2031)

Figure 34. North America Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Application (2020-2031)

Figure 35. North America Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Country (2020-2031)

Figure 36. North America Cockpit Voice and Flight Data Recorder Consumption Value Market Share by Country (2020-2031)

Figure 37. United States Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 38. Canada Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 39. Mexico Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 40. Europe Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Type (2020-2031)

Figure 41. Europe Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Application (2020-2031)

Figure 42. Europe Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Country (2020-2031)

Figure 43. Europe Cockpit Voice and Flight Data Recorder Consumption Value Market Share by Country (2020-2031)

Figure 44. Germany Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 45. France Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 46. United Kingdom Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 47. Russia Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 48. Italy Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 49. Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Type (2020-2031)

Figure 50. Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Application (2020-2031)

Figure 51. Asia-Pacific Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Region (2020-2031)

Figure 52. Asia-Pacific Cockpit Voice and Flight Data Recorder Consumption Value Market Share by Region (2020-2031)

Figure 53. China Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 54. Japan Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 55. South Korea Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 56. India Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 57. Southeast Asia Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 58. Australia Cockpit Voice and Flight Data Recorder Consumption Value (2020-2031) & (USD Million)

Figure 59. South America Cockpit Voice and Flight Data Recorder Sales Quantity Market Share by Type (2020-2031)

Figure 60. South America Cockpit Voice and Flight Data Recorder Sales Quantity

Market Share by Application (2020-2031)

Figure 61. South America Cockpit Voice and Flight Data Recorder Sales Quantity

Market Share by Country (2020-2031)

Figure 62. South America Cockpit Voice and Flight Data Recorder Consumption Value

Market Share by Country (2020-2031)

Figure 63. Brazil Cockpit Voice and Flight Data Recorder Consumption Value
(2020-2031) & (USD Million)

Figure 64. Argentina Cockpit Voice and Flight Data Recorder Consumption Value
(2020-2031) & (USD Million)

Figure 65. Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity
Market Share by Type (2020-2031)

Figure 66. Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity
Market Share by Application (2020-2031)

Figure 67. Middle East & Africa Cockpit Voice and Flight Data Recorder Sales Quantity
Market Share by Country (2020-2031)

Figure 68. Middle East & Africa Cockpit Voice and Flight Data Recorder Consumption
Value Market Share by Country (2020-2031)

Figure 69. Turkey Cockpit Voice and Flight Data Recorder Consumption Value
(2020-2031) & (USD Million)

Figure 70. Egypt Cockpit Voice and Flight Data Recorder Consumption Value
(2020-2031) & (USD Million)

Figure 71. Saudi Arabia Cockpit Voice and Flight Data Recorder Consumption Value
(2020-2031) & (USD Million)

Figure 72. South Africa Cockpit Voice and Flight Data Recorder Consumption Value
(2020-2031) & (USD Million)

Figure 73. Cockpit Voice and Flight Data Recorder Market Drivers

Figure 74. Cockpit Voice and Flight Data Recorder Market Restraints

Figure 75. Cockpit Voice and Flight Data Recorder Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Cockpit Voice and Flight Data
Recorder in 2024

Figure 78. Manufacturing Process Analysis of Cockpit Voice and Flight Data Recorder

Figure 79. Cockpit Voice and Flight Data Recorder Industrial Chain

Figure 80. Sales Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

I would like to order

Product name: Global Cockpit Voice and Flight Data Recorder Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/G259580B2F2EEN.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/G259580B2F2EEN.html>