

Global Heads-Up Display (HUD) in Civil Aviation Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Heads-Up Display (HUD) in Civil Aviation market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

An HUD is a display indicator that displays the key flight information onto a transparent screen positioned in front of a pilot's line of sight. HUD finds its applications in the automotive and aviation sectors. It helps increase the situational awareness and enhances safety margins in these sectors. The following are the primary components of an HUD: combiner, projector unit, display panel, and video generator.

The operational benefits of HUDs have encouraged commercial airlines such as China Eastern Airlines and Qatar Airways to equip their new fleets with HUDs. In 2013 China Eastern Airlines placed an order for 58 Boeing Next-Generation 737 aircraft installed with Rockwell Collins' HUD systems; in 2015, Qatar Airways announced that it would install HUDs in its A350 XWBs and A380 aircraft fleets. In the same year, China-based Hainan Airlines also announced the installation of Rockwell Collins' HUD systems in its next-generation Boeing 737 aircraft and flight simulators.

The Global Info Research report includes an overview of the development of the Heads-Up Display (HUD) in Civil Aviation industry chain, the market status of Civil Aircraft (Liquid Crystal Display (LCD), Digital Light Processing (DLP)), Civil Helicopters (Liquid Crystal Display (LCD), Digital Light Processing (DLP)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Heads-Up Display (HUD) in Civil Aviation.

Regionally, the report analyzes the Heads-Up Display (HUD) in Civil Aviation markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Heads-Up Display (HUD) in Civil Aviation market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Heads-Up Display (HUD) in Civil Aviation market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Heads-Up Display (HUD) in Civil Aviation industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Liquid Crystal Display (LCD), Digital Light Processing (DLP)).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Heads-Up Display (HUD) in Civil Aviation market.

Regional Analysis: The report involves examining the Heads-Up Display (HUD) in Civil Aviation market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Heads-Up Display (HUD) in Civil Aviation market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Heads-Up Display (HUD) in Civil Aviation:

Company Analysis: Report covers individual Heads-Up Display (HUD) in Civil Aviation

manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Heads-Up Display (HUD) in Civil Aviation. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Civil Aircraft, Civil Helicopters).

Technology Analysis: Report covers specific technologies relevant to Heads-Up Display (HUD) in Civil Aviation. It assesses the current state, advancements, and potential future developments in Heads-Up Display (HUD) in Civil Aviation areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Heads-Up Display (HUD) in Civil Aviation market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Heads-Up Display (HUD) in Civil Aviation market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Liquid Crystal Display (LCD)

Digital Light Processing (DLP)

Liquid Crystal on Silicon (LCoS)

Market segment by Application

Civil Aircraft

Civil Helicopters

Major players covered

BAE Systems

Elbit Systems

Esterline Technologies

Honeywell Aerospace

Rockwell Collins

Saab Group

Thales Group

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 Heads-Up Display (HUD) in Civil Aviation product scope, market

Global Heads-Up Display (HUD) in Civil Aviation Market 2024 by Manufacturers, Regions, Type and Application, F...

overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Heads-Up Display (HUD) in Civil Aviation, with price, sales, revenue and global market share of Heads-Up Display (HUD) in Civil Aviation from 2019 to 2024.

Chapter 3, the Heads-Up Display (HUD) in Civil Aviation competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Heads-Up Display (HUD) in Civil Aviation breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Heads-Up Display (HUD) in Civil Aviation market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Heads-Up Display (HUD) in Civil Aviation.

Chapter 14 and 15, to describe Heads-Up Display (HUD) in Civil Aviation sales channel, distributors, customers, research findings and conclusion.

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