

# Global Perception Sensor for UAVs Market Growth 2023-2029

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# **Abstracts**

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Laser, radar and camera-based sensing system is an indispensable part of the whole set of sensing technology for the operation of the autopilot system. The camera-based sensing system supports autopilot for emergency braking, adaptive cruise control, and Lane departure warning system, which are already in many passenger cars. In the Self Driving Vehicle Assembly, the camera will be coupled with other sensing technologies designed to provide a detailed 3D pictorial representation of the vehicle's surroundings. While the radar can detect the relative position and speed of the target, the Lidar can generate the 3d map of the target, and the sensor system based on the camera can use the rich visual information to complete the picture.

LPI (LP Information)' newest research report, the "Perception Sensor for UAVs Industry Forecast" looks at past sales and reviews total world Perception Sensor for UAVs sales in 2022, providing a comprehensive analysis by region and market sector of projected Perception Sensor for UAVs sales for 2023 through 2029. With Perception Sensor for UAVs sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Perception Sensor for UAVs industry.

This Insight Report provides a comprehensive analysis of the global Perception Sensor for UAVs landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Perception Sensor for UAVs portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Perception Sensor for UAVs market.



This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Perception Sensor for UAVs and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Perception Sensor for UAVs.

The global Perception Sensor for UAVs market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Perception Sensor for UAVs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Perception Sensor for UAVs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Perception Sensor for UAVs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Perception Sensor for UAVs players cover Bosch, Denso, Delphi Auto Parts, OMRON, KUKA AG, Keyence, Baumer, Panasonic and Continental AG, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Perception Sensor for UAVs market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Vision Sensor

Laser Sensor

Radar Sensor



#### Segmentation by application

**Commercial Vehicle** 

Passenger Car

This report also splits the market by region:

Americas

**United States** 

Canada

Mexico

Brazil

#### APAC

China

Japan

Korea

Southeast Asia

India

Australia

#### Europe

Germany

France



UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Bosch
Denso
Delphi Auto Parts
OMRON
KUKA AG
Keyence
Baumer
Panasonic



#### Continental AG

Infineon Technologies AG

Laser Technology

Pyronix

Mobileye

Pike

**FLIR Systems** 

Velodyne Lidar

Quanergy

lbeo

OUMIAO

RoboSense

Hesai Technology

Ifm Electronic

Acuity Laser

Key Questions Addressed in this Report

What is the 10-year outlook for the global Perception Sensor for UAVs market?

What factors are driving Perception Sensor for UAVs market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?



How do Perception Sensor for UAVs market opportunities vary by end market size?

How does Perception Sensor for UAVs break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?



### Contents

#### **1 SCOPE OF THE REPORT**

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

#### **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
- 2.1.1 Global Perception Sensor for UAVs Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Perception Sensor for UAVs by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Perception Sensor for UAVs by
- Country/Region, 2018, 2022 & 2029
- 2.2 Perception Sensor for UAVs Segment by Type
  - 2.2.1 Vision Sensor
  - 2.2.2 Laser Sensor
  - 2.2.3 Radar Sensor
- 2.3 Perception Sensor for UAVs Sales by Type
  - 2.3.1 Global Perception Sensor for UAVs Sales Market Share by Type (2018-2023)
- 2.3.2 Global Perception Sensor for UAVs Revenue and Market Share by Type

(2018-2023)

- 2.3.3 Global Perception Sensor for UAVs Sale Price by Type (2018-2023)
- 2.4 Perception Sensor for UAVs Segment by Application
  - 2.4.1 Commercial Vehicle
  - 2.4.2 Passenger Car
- 2.5 Perception Sensor for UAVs Sales by Application
- 2.5.1 Global Perception Sensor for UAVs Sale Market Share by Application (2018-2023)

2.5.2 Global Perception Sensor for UAVs Revenue and Market Share by Application (2018-2023)

2.5.3 Global Perception Sensor for UAVs Sale Price by Application (2018-2023)



#### **3 GLOBAL PERCEPTION SENSOR FOR UAVS BY COMPANY**

- 3.1 Global Perception Sensor for UAVs Breakdown Data by Company
- 3.1.1 Global Perception Sensor for UAVs Annual Sales by Company (2018-2023)

3.1.2 Global Perception Sensor for UAVs Sales Market Share by Company (2018-2023)

3.2 Global Perception Sensor for UAVs Annual Revenue by Company (2018-2023)

3.2.1 Global Perception Sensor for UAVs Revenue by Company (2018-2023)

3.2.2 Global Perception Sensor for UAVs Revenue Market Share by Company (2018-2023)

3.3 Global Perception Sensor for UAVs Sale Price by Company

3.4 Key Manufacturers Perception Sensor for UAVs Producing Area Distribution, Sales Area, Product Type

- 3.4.1 Key Manufacturers Perception Sensor for UAVs Product Location Distribution
- 3.4.2 Players Perception Sensor for UAVs Products Offered
- 3.5 Market Concentration Rate Analysis
- 3.5.1 Competition Landscape Analysis
- 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

# 4 WORLD HISTORIC REVIEW FOR PERCEPTION SENSOR FOR UAVS BY GEOGRAPHIC REGION

4.1 World Historic Perception Sensor for UAVs Market Size by Geographic Region (2018-2023)

4.1.1 Global Perception Sensor for UAVs Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Perception Sensor for UAVs Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Perception Sensor for UAVs Market Size by Country/Region (2018-2023)

4.2.1 Global Perception Sensor for UAVs Annual Sales by Country/Region (2018-2023)

4.2.2 Global Perception Sensor for UAVs Annual Revenue by Country/Region (2018-2023)

4.3 Americas Perception Sensor for UAVs Sales Growth

4.4 APAC Perception Sensor for UAVs Sales Growth



- 4.5 Europe Perception Sensor for UAVs Sales Growth
- 4.6 Middle East & Africa Perception Sensor for UAVs Sales Growth

#### **5 AMERICAS**

- 5.1 Americas Perception Sensor for UAVs Sales by Country
- 5.1.1 Americas Perception Sensor for UAVs Sales by Country (2018-2023)
- 5.1.2 Americas Perception Sensor for UAVs Revenue by Country (2018-2023)
- 5.2 Americas Perception Sensor for UAVs Sales by Type
- 5.3 Americas Perception Sensor for UAVs Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

#### 6 APAC

6.1 APAC Perception Sensor for UAVs Sales by Region

- 6.1.1 APAC Perception Sensor for UAVs Sales by Region (2018-2023)
- 6.1.2 APAC Perception Sensor for UAVs Revenue by Region (2018-2023)
- 6.2 APAC Perception Sensor for UAVs Sales by Type
- 6.3 APAC Perception Sensor for UAVs Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

#### 7 EUROPE

- 7.1 Europe Perception Sensor for UAVs by Country
- 7.1.1 Europe Perception Sensor for UAVs Sales by Country (2018-2023)
- 7.1.2 Europe Perception Sensor for UAVs Revenue by Country (2018-2023)
- 7.2 Europe Perception Sensor for UAVs Sales by Type
- 7.3 Europe Perception Sensor for UAVs Sales by Application
- 7.4 Germany
- 7.5 France





7.6 UK7.7 Italy7.8 Russia

#### 8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Perception Sensor for UAVs by Country
  8.1.1 Middle East & Africa Perception Sensor for UAVs Sales by Country (2018-2023)
  8.1.2 Middle East & Africa Perception Sensor for UAVs Revenue by Country
  (2018-2023)
  8.2 Middle East & Africa Perception Sensor for UAVs Sales by Type
  8.3 Middle East & Africa Perception Sensor for UAVs Sales by Application
  8.4 Egypt
  8.5 South Africa
  8.6 Israel
  8.7 Turkey
- 8.8 GCC Countries

#### 9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

#### **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Perception Sensor for UAVs
- 10.3 Manufacturing Process Analysis of Perception Sensor for UAVs
- 10.4 Industry Chain Structure of Perception Sensor for UAVs

#### 11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
- 11.1.2 Indirect Channels
- 11.2 Perception Sensor for UAVs Distributors
- 11.3 Perception Sensor for UAVs Customer



#### 12 WORLD FORECAST REVIEW FOR PERCEPTION SENSOR FOR UAVS BY GEOGRAPHIC REGION

- 12.1 Global Perception Sensor for UAVs Market Size Forecast by Region
- 12.1.1 Global Perception Sensor for UAVs Forecast by Region (2024-2029)

12.1.2 Global Perception Sensor for UAVs Annual Revenue Forecast by Region (2024-2029)

- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Perception Sensor for UAVs Forecast by Type
- 12.7 Global Perception Sensor for UAVs Forecast by Application

#### **13 KEY PLAYERS ANALYSIS**

- 13.1 Bosch
- 13.1.1 Bosch Company Information
- 13.1.2 Bosch Perception Sensor for UAVs Product Portfolios and Specifications
- 13.1.3 Bosch Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.1.4 Bosch Main Business Overview
  - 13.1.5 Bosch Latest Developments

13.2 Denso

- 13.2.1 Denso Company Information
- 13.2.2 Denso Perception Sensor for UAVs Product Portfolios and Specifications

13.2.3 Denso Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.2.4 Denso Main Business Overview
- 13.2.5 Denso Latest Developments

13.3 Delphi Auto Parts

- 13.3.1 Delphi Auto Parts Company Information
- 13.3.2 Delphi Auto Parts Perception Sensor for UAVs Product Portfolios and Specifications

13.3.3 Delphi Auto Parts Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.3.4 Delphi Auto Parts Main Business Overview
- 13.3.5 Delphi Auto Parts Latest Developments
- 13.4 OMRON



- 13.4.1 OMRON Company Information
- 13.4.2 OMRON Perception Sensor for UAVs Product Portfolios and Specifications

13.4.3 OMRON Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 OMRON Main Business Overview

13.4.5 OMRON Latest Developments

13.5 KUKA AG

13.5.1 KUKA AG Company Information

13.5.2 KUKA AG Perception Sensor for UAVs Product Portfolios and Specifications

13.5.3 KUKA AG Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 KUKA AG Main Business Overview

13.5.5 KUKA AG Latest Developments

13.6 Keyence

- 13.6.1 Keyence Company Information
- 13.6.2 Keyence Perception Sensor for UAVs Product Portfolios and Specifications

13.6.3 Keyence Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.6.4 Keyence Main Business Overview
- 13.6.5 Keyence Latest Developments
- 13.7 Baumer
- 13.7.1 Baumer Company Information
- 13.7.2 Baumer Perception Sensor for UAVs Product Portfolios and Specifications

13.7.3 Baumer Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.7.4 Baumer Main Business Overview
- 13.7.5 Baumer Latest Developments

13.8 Panasonic

13.8.1 Panasonic Company Information

13.8.2 Panasonic Perception Sensor for UAVs Product Portfolios and Specifications

13.8.3 Panasonic Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.8.4 Panasonic Main Business Overview
- 13.8.5 Panasonic Latest Developments
- 13.9 Continental AG
  - 13.9.1 Continental AG Company Information
- 13.9.2 Continental AG Perception Sensor for UAVs Product Portfolios and

Specifications

13.9.3 Continental AG Perception Sensor for UAVs Sales, Revenue, Price and Gross,



Margin (2018-2023)

13.9.4 Continental AG Main Business Overview

13.9.5 Continental AG Latest Developments

13.10 Infineon Technologies AG

13.10.1 Infineon Technologies AG Company Information

13.10.2 Infineon Technologies AG Perception Sensor for UAVs Product Portfolios and Specifications

13.10.3 Infineon Technologies AG Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.10.4 Infineon Technologies AG Main Business Overview

13.10.5 Infineon Technologies AG Latest Developments

13.11 Laser Technology

13.11.1 Laser Technology Company Information

13.11.2 Laser Technology Perception Sensor for UAVs Product Portfolios and Specifications

13.11.3 Laser Technology Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.11.4 Laser Technology Main Business Overview

13.11.5 Laser Technology Latest Developments

13.12 Pyronix

13.12.1 Pyronix Company Information

13.12.2 Pyronix Perception Sensor for UAVs Product Portfolios and Specifications

13.12.3 Pyronix Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.12.4 Pyronix Main Business Overview

13.12.5 Pyronix Latest Developments

13.13 Mobileye

13.13.1 Mobileye Company Information

13.13.2 Mobileye Perception Sensor for UAVs Product Portfolios and Specifications

13.13.3 Mobileye Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.13.4 Mobileye Main Business Overview

13.13.5 Mobileye Latest Developments

13.14 Pike

- 13.14.1 Pike Company Information
- 13.14.2 Pike Perception Sensor for UAVs Product Portfolios and Specifications

13.14.3 Pike Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.14.4 Pike Main Business Overview



13.14.5 Pike Latest Developments

13.15 FLIR Systems

13.15.1 FLIR Systems Company Information

13.15.2 FLIR Systems Perception Sensor for UAVs Product Portfolios and

Specifications

13.15.3 FLIR Systems Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.15.4 FLIR Systems Main Business Overview

13.15.5 FLIR Systems Latest Developments

13.16 Velodyne Lidar

13.16.1 Velodyne Lidar Company Information

13.16.2 Velodyne Lidar Perception Sensor for UAVs Product Portfolios and Specifications

13.16.3 Velodyne Lidar Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.16.4 Velodyne Lidar Main Business Overview

13.16.5 Velodyne Lidar Latest Developments

13.17 Quanergy

13.17.1 Quanergy Company Information

13.17.2 Quanergy Perception Sensor for UAVs Product Portfolios and Specifications

13.17.3 Quanergy Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.17.4 Quanergy Main Business Overview

13.17.5 Quanergy Latest Developments

13.18 lbeo

13.18.1 Ibeo Company Information

13.18.2 Ibeo Perception Sensor for UAVs Product Portfolios and Specifications

13.18.3 Ibeo Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.18.4 Ibeo Main Business Overview

13.18.5 Ibeo Latest Developments

13.19 OUMIAO

13.19.1 OUMIAO Company Information

13.19.2 OUMIAO Perception Sensor for UAVs Product Portfolios and Specifications

13.19.3 OUMIAO Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.19.4 OUMIAO Main Business Overview

13.19.5 OUMIAO Latest Developments

13.20 RoboSense





13.20.1 RoboSense Company Information

13.20.2 RoboSense Perception Sensor for UAVs Product Portfolios and Specifications

13.20.3 RoboSense Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.20.4 RoboSense Main Business Overview

13.20.5 RoboSense Latest Developments

13.21 Hesai Technology

13.21.1 Hesai Technology Company Information

13.21.2 Hesai Technology Perception Sensor for UAVs Product Portfolios and Specifications

13.21.3 Hesai Technology Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.21.4 Hesai Technology Main Business Overview

13.21.5 Hesai Technology Latest Developments

13.22 Ifm Electronic

13.22.1 Ifm Electronic Company Information

13.22.2 Ifm Electronic Perception Sensor for UAVs Product Portfolios and

**Specifications** 

13.22.3 Ifm Electronic Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.22.4 Ifm Electronic Main Business Overview

13.22.5 Ifm Electronic Latest Developments

13.23 Acuity Laser

13.23.1 Acuity Laser Company Information

13.23.2 Acuity Laser Perception Sensor for UAVs Product Portfolios and

Specifications

13.23.3 Acuity Laser Perception Sensor for UAVs Sales, Revenue, Price and Gross Margin (2018-2023)

13.23.4 Acuity Laser Main Business Overview

13.23.5 Acuity Laser Latest Developments

#### 14 RESEARCH FINDINGS AND CONCLUSION



# **List Of Tables**

#### LIST OF TABLES

Table 1. Perception Sensor for UAVs Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions) Table 2. Perception Sensor for UAVs Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions) Table 3. Major Players of Vision Sensor Table 4. Major Players of Laser Sensor Table 5. Major Players of Radar Sensor Table 6. Global Perception Sensor for UAVs Sales by Type (2018-2023) & (K Units) Table 7. Global Perception Sensor for UAVs Sales Market Share by Type (2018-2023) Table 8. Global Perception Sensor for UAVs Revenue by Type (2018-2023) & (\$ million) Table 9. Global Perception Sensor for UAVs Revenue Market Share by Type (2018 - 2023)Table 10. Global Perception Sensor for UAVs Sale Price by Type (2018-2023) & (USD/Unit) Table 11. Global Perception Sensor for UAVs Sales by Application (2018-2023) & (K Units) Table 12. Global Perception Sensor for UAVs Sales Market Share by Application (2018 - 2023)Table 13. Global Perception Sensor for UAVs Revenue by Application (2018-2023) Table 14. Global Perception Sensor for UAVs Revenue Market Share by Application (2018-2023)Table 15. Global Perception Sensor for UAVs Sale Price by Application (2018-2023) & (USD/Unit) Table 16. Global Perception Sensor for UAVs Sales by Company (2018-2023) & (K Units) Table 17. Global Perception Sensor for UAVs Sales Market Share by Company (2018 - 2023)Table 18. Global Perception Sensor for UAVs Revenue by Company (2018-2023) (\$ Millions) Table 19. Global Perception Sensor for UAVs Revenue Market Share by Company (2018-2023)Table 20. Global Perception Sensor for UAVs Sale Price by Company (2018-2023) & (USD/Unit) Table 21. Key Manufacturers Perception Sensor for UAVs Producing Area Distribution and Sales Area



 Table 22. Players Perception Sensor for UAVs Products Offered

 Table 22. Players Perception Sensor for UAVs Products Offered

Table 23. Perception Sensor for UAVs Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global Perception Sensor for UAVs Sales by Geographic Region (2018-2023) & (K Units)

Table 27. Global Perception Sensor for UAVs Sales Market Share Geographic Region (2018-2023)

Table 28. Global Perception Sensor for UAVs Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 29. Global Perception Sensor for UAVs Revenue Market Share by Geographic Region (2018-2023)

Table 30. Global Perception Sensor for UAVs Sales by Country/Region (2018-2023) & (K Units)

Table 31. Global Perception Sensor for UAVs Sales Market Share by Country/Region (2018-2023)

Table 32. Global Perception Sensor for UAVs Revenue by Country/Region (2018-2023) & (\$ millions)

Table 33. Global Perception Sensor for UAVs Revenue Market Share by Country/Region (2018-2023)

Table 34. Americas Perception Sensor for UAVs Sales by Country (2018-2023) & (K Units)

Table 35. Americas Perception Sensor for UAVs Sales Market Share by Country (2018-2023)

Table 36. Americas Perception Sensor for UAVs Revenue by Country (2018-2023) & (\$ Millions)

Table 37. Americas Perception Sensor for UAVs Revenue Market Share by Country (2018-2023)

Table 38. Americas Perception Sensor for UAVs Sales by Type (2018-2023) & (K Units) Table 39. Americas Perception Sensor for UAVs Sales by Application (2018-2023) & (K Units)

Table 40. APAC Perception Sensor for UAVs Sales by Region (2018-2023) & (K Units)

Table 41. APAC Perception Sensor for UAVs Sales Market Share by Region (2018-2023)

Table 42. APAC Perception Sensor for UAVs Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC Perception Sensor for UAVs Revenue Market Share by Region (2018-2023)



Table 44. APAC Perception Sensor for UAVs Sales by Type (2018-2023) & (K Units) Table 45. APAC Perception Sensor for UAVs Sales by Application (2018-2023) & (K Units)

Table 46. Europe Perception Sensor for UAVs Sales by Country (2018-2023) & (K Units)

Table 47. Europe Perception Sensor for UAVs Sales Market Share by Country (2018-2023)

Table 48. Europe Perception Sensor for UAVs Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe Perception Sensor for UAVs Revenue Market Share by Country (2018-2023)

Table 50. Europe Perception Sensor for UAVs Sales by Type (2018-2023) & (K Units) Table 51. Europe Perception Sensor for UAVs Sales by Application (2018-2023) & (K

Units)

Table 52. Middle East & Africa Perception Sensor for UAVs Sales by Country (2018-2023) & (K Units)

Table 53. Middle East & Africa Perception Sensor for UAVs Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa Perception Sensor for UAVs Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa Perception Sensor for UAVs Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa Perception Sensor for UAVs Sales by Type (2018-2023) & (K Units)

Table 57. Middle East & Africa Perception Sensor for UAVs Sales by Application (2018-2023) & (K Units)

- Table 58. Key Market Drivers & Growth Opportunities of Perception Sensor for UAVs
- Table 59. Key Market Challenges & Risks of Perception Sensor for UAVs
- Table 60. Key Industry Trends of Perception Sensor for UAVs
- Table 61. Perception Sensor for UAVs Raw Material
- Table 62. Key Suppliers of Raw Materials
- Table 63. Perception Sensor for UAVs Distributors List
- Table 64. Perception Sensor for UAVs Customer List

Table 65. Global Perception Sensor for UAVs Sales Forecast by Region (2024-2029) & (K Units)

Table 66. Global Perception Sensor for UAVs Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 67. Americas Perception Sensor for UAVs Sales Forecast by Country (2024-2029) & (K Units)



Table 68. Americas Perception Sensor for UAVs Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 69. APAC Perception Sensor for UAVs Sales Forecast by Region (2024-2029) & (K Units)

Table 70. APAC Perception Sensor for UAVs Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 71. Europe Perception Sensor for UAVs Sales Forecast by Country (2024-2029) & (K Units)

Table 72. Europe Perception Sensor for UAVs Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 73. Middle East & Africa Perception Sensor for UAVs Sales Forecast by Country (2024-2029) & (K Units)

Table 74. Middle East & Africa Perception Sensor for UAVs Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 75. Global Perception Sensor for UAVs Sales Forecast by Type (2024-2029) & (K Units)

Table 76. Global Perception Sensor for UAVs Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 77. Global Perception Sensor for UAVs Sales Forecast by Application (2024-2029) & (K Units)

Table 78. Global Perception Sensor for UAVs Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 79. Bosch Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors

Table 80. Bosch Perception Sensor for UAVs Product Portfolios and Specifications

Table 81. Bosch Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2018-2023)

Table 82. Bosch Main Business

Table 83. Bosch Latest Developments

Table 84. Denso Basic Information, Perception Sensor for UAVs Manufacturing Base,

Sales Area and Its Competitors

Table 85. Denso Perception Sensor for UAVs Product Portfolios and Specifications

Table 86. Denso Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2018-2023)

Table 87. Denso Main Business

Table 88. Denso Latest Developments

Table 89. Delphi Auto Parts Basic Information, Perception Sensor for UAVs

Manufacturing Base, Sales Area and Its Competitors

Table 90. Delphi Auto Parts Perception Sensor for UAVs Product Portfolios and



#### Specifications

Table 91. Delphi Auto Parts Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 92. Delphi Auto Parts Main Business

Table 93. Delphi Auto Parts Latest Developments

Table 94. OMRON Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors

Table 95. OMRON Perception Sensor for UAVs Product Portfolios and Specifications

Table 96. OMRON Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2018-2023)

Table 97. OMRON Main Business

Table 98. OMRON Latest Developments

Table 99. KUKA AG Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors

Table 100. KUKA AG Perception Sensor for UAVs Product Portfolios and Specifications Table 101. KUKA AG Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 102. KUKA AG Main Business

Table 103. KUKA AG Latest Developments

Table 104. Keyence Basic Information, Perception Sensor for UAVs Manufacturing

Base, Sales Area and Its Competitors

Table 105. Keyence Perception Sensor for UAVs Product Portfolios and Specifications Table 106. Keyence Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2018-2023)

Table 107. Keyence Main Business

Table 108. Keyence Latest Developments

Table 109. Baumer Basic Information, Perception Sensor for UAVs Manufacturing

Base, Sales Area and Its Competitors

Table 110. Baumer Perception Sensor for UAVs Product Portfolios and Specifications

Table 111. Baumer Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2018-2023)

Table 112. Baumer Main Business

Table 113. Baumer Latest Developments

Table 114. Panasonic Basic Information, Perception Sensor for UAVs Manufacturing

Base, Sales Area and Its Competitors

Table 115. Panasonic Perception Sensor for UAVs Product Portfolios andSpecifications

Table 116. Panasonic Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)



Table 117. Panasonic Main Business Table 118. Panasonic Latest Developments Table 119. Continental AG Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors Table 120. Continental AG Perception Sensor for UAVs Product Portfolios and **Specifications** Table 121. Continental AG Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 122. Continental AG Main Business Table 123. Continental AG Latest Developments Table 124. Infineon Technologies AG Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors Table 125. Infineon Technologies AG Perception Sensor for UAVs Product Portfolios and Specifications Table 126. Infineon Technologies AG Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 127. Infineon Technologies AG Main Business Table 128. Infineon Technologies AG Latest Developments Table 129. Laser Technology Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors Table 130. Laser Technology Perception Sensor for UAVs Product Portfolios and Specifications Table 131. Laser Technology Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 132. Laser Technology Main Business Table 133. Laser Technology Latest Developments Table 134. Pyronix Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors Table 135. Pyronix Perception Sensor for UAVs Product Portfolios and Specifications Table 136. Pyronix Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 137. Pyronix Main Business Table 138. Pyronix Latest Developments Table 139. Mobileye Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors Table 140. Mobileye Perception Sensor for UAVs Product Portfolios and Specifications Table 141. Mobileye Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 142. Mobileye Main Business



Table 143. Mobileye Latest Developments Table 144. Pike Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors Table 145. Pike Perception Sensor for UAVs Product Portfolios and Specifications Table 146. Pike Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 147. Pike Main Business Table 148. Pike Latest Developments Table 149. FLIR Systems Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors Table 150. FLIR Systems Perception Sensor for UAVs Product Portfolios and Specifications Table 151. FLIR Systems Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 152. FLIR Systems Main Business Table 153. FLIR Systems Latest Developments Table 154. Velodyne Lidar Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors Table 155. Velodyne Lidar Perception Sensor for UAVs Product Portfolios and **Specifications** Table 156. Velodyne Lidar Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 157. Velodyne Lidar Main Business Table 158. Velodyne Lidar Latest Developments Table 159. Quanergy Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors Table 160. Quanergy Perception Sensor for UAVs Product Portfolios and Specifications Table 161. Quanergy Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 162. Quanergy Main Business Table 163. Quanergy Latest Developments Table 164. Ibeo Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors Table 165. Ibeo Perception Sensor for UAVs Product Portfolios and Specifications Table 166. Ibeo Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023) Table 167. Ibeo Main Business Table 168. Ibeo Latest Developments Table 169. OUMIAO Basic Information, Perception Sensor for UAVs Manufacturing Global Perception Sensor for UAVs Market Growth 2023-2029



Base, Sales Area and Its Competitors

Table 170. OUMIAO Perception Sensor for UAVs Product Portfolios and Specifications

Table 171. OUMIAO Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2018-2023)

Table 172. OUMIAO Main Business

Table 173. OUMIAO Latest Developments

Table 174. RoboSense Basic Information, Perception Sensor for UAVs Manufacturing

Base, Sales Area and Its Competitors

Table 175. RoboSense Perception Sensor for UAVs Product Portfolios and Specifications

Table 176. RoboSense Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 177. RoboSense Main Business

Table 178. RoboSense Latest Developments

Table 179. Hesai Technology Basic Information, Perception Sensor for UAVs Manufacturing Base, Sales Area and Its Competitors

Table 180. Hesai Technology Perception Sensor for UAVs Product Portfolios and Specifications

Table 181. Hesai Technology Perception Sensor for UAVs Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 182. Hesai Technology Main Business

 Table 183. Hesai Technology Latest Developments

Table 184. Ifm Electronic Basic Information, Perception Sensor for UAVs Manufacturing

Base, Sales Area and Its Competitors

Table 185. Ifm Electronic Perception Sensor for UAVs Product Portfolios and Specifications

Table 186. Ifm Electronic Perception Sensor for UAVs Sales (K Units), Revenue (\$

Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 187. Ifm Electronic Main Business

Table 188. Ifm Electronic Latest Developments

Table 189. Acuity Laser Basic Information, Perception Sensor for UAVs Manufacturing

Base, Sales Area and Its Competitors

Table 190. Acuity Laser Perception Sensor for UAVs Product Portfolios and Specifications

Table 191. Acuity Laser Perception Sensor for UAVs Sales (K Units), Revenue (\$

Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 192. Acuity Laser Main Business

Table 193. Acuity Laser Latest Developments



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Picture of Perception Sensor for UAVs
- Figure 2. Perception Sensor for UAVs Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Perception Sensor for UAVs Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global Perception Sensor for UAVs Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Perception Sensor for UAVs Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Vision Sensor
- Figure 10. Product Picture of Laser Sensor
- Figure 11. Product Picture of Radar Sensor
- Figure 12. Global Perception Sensor for UAVs Sales Market Share by Type in 2022
- Figure 13. Global Perception Sensor for UAVs Revenue Market Share by Type (2018-2023)
- Figure 14. Perception Sensor for UAVs Consumed in Commercial Vehicle
- Figure 15. Global Perception Sensor for UAVs Market: Commercial Vehicle (2018-2023) & (K Units)
- Figure 16. Perception Sensor for UAVs Consumed in Passenger Car
- Figure 17. Global Perception Sensor for UAVs Market: Passenger Car (2018-2023) & (K Units)
- Figure 18. Global Perception Sensor for UAVs Sales Market Share by Application (2022)
- Figure 19. Global Perception Sensor for UAVs Revenue Market Share by Application in 2022
- Figure 20. Perception Sensor for UAVs Sales Market by Company in 2022 (K Units)
- Figure 21. Global Perception Sensor for UAVs Sales Market Share by Company in 2022
- Figure 22. Perception Sensor for UAVs Revenue Market by Company in 2022 (\$ Million)
- Figure 23. Global Perception Sensor for UAVs Revenue Market Share by Company in 2022
- Figure 24. Global Perception Sensor for UAVs Sales Market Share by Geographic Region (2018-2023)
- Figure 25. Global Perception Sensor for UAVs Revenue Market Share by Geographic Region in 2022



Figure 26. Americas Perception Sensor for UAVs Sales 2018-2023 (K Units) Figure 27. Americas Perception Sensor for UAVs Revenue 2018-2023 (\$ Millions) Figure 28. APAC Perception Sensor for UAVs Sales 2018-2023 (K Units) Figure 29. APAC Perception Sensor for UAVs Revenue 2018-2023 (\$ Millions) Figure 30. Europe Perception Sensor for UAVs Sales 2018-2023 (K Units) Figure 31. Europe Perception Sensor for UAVs Revenue 2018-2023 (\$ Millions) Figure 32. Middle East & Africa Perception Sensor for UAVs Sales 2018-2023 (K Units) Figure 33. Middle East & Africa Perception Sensor for UAVs Revenue 2018-2023 (\$ Millions) Figure 34. Americas Perception Sensor for UAVs Sales Market Share by Country in 2022 Figure 35. Americas Perception Sensor for UAVs Revenue Market Share by Country in 2022 Figure 36. Americas Perception Sensor for UAVs Sales Market Share by Type (2018-2023)Figure 37. Americas Perception Sensor for UAVs Sales Market Share by Application (2018-2023) Figure 38. United States Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions) Figure 39. Canada Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions) Figure 40. Mexico Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions) Figure 41. Brazil Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions) Figure 42. APAC Perception Sensor for UAVs Sales Market Share by Region in 2022 Figure 43. APAC Perception Sensor for UAVs Revenue Market Share by Regions in 2022 Figure 44. APAC Perception Sensor for UAVs Sales Market Share by Type (2018-2023) Figure 45. APAC Perception Sensor for UAVs Sales Market Share by Application (2018 - 2023)Figure 46. China Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions) Figure 47. Japan Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions) Figure 48. South Korea Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions) Figure 49. Southeast Asia Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions) Figure 50. India Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions) Figure 51. Australia Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions) Figure 52. China Taiwan Perception Sensor for UAVs Revenue Growth 2018-2023 (\$



Millions)

Figure 53. Europe Perception Sensor for UAVs Sales Market Share by Country in 2022 Figure 54. Europe Perception Sensor for UAVs Revenue Market Share by Country in

2022 Figure 55. Europe Perception Sensor for UAVs Sales Market Share by Type (2018-2023)

Figure 56. Europe Perception Sensor for UAVs Sales Market Share by Application (2018-2023)

Figure 57. Germany Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions)

Figure 58. France Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions)

Figure 59. UK Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions)

Figure 60. Italy Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions)

Figure 61. Russia Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Middle East & Africa Perception Sensor for UAVs Sales Market Share by Country in 2022

Figure 63. Middle East & Africa Perception Sensor for UAVs Revenue Market Share by Country in 2022

Figure 64. Middle East & Africa Perception Sensor for UAVs Sales Market Share by Type (2018-2023)

Figure 65. Middle East & Africa Perception Sensor for UAVs Sales Market Share by Application (2018-2023)

Figure 66. Egypt Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions)

Figure 67. South Africa Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions)

Figure 68. Israel Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions)

Figure 69. Turkey Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions)

Figure 70. GCC Country Perception Sensor for UAVs Revenue Growth 2018-2023 (\$ Millions)

Figure 71. Manufacturing Cost Structure Analysis of Perception Sensor for UAVs in 2022

Figure 72. Manufacturing Process Analysis of Perception Sensor for UAVs

Figure 73. Industry Chain Structure of Perception Sensor for UAVs

Figure 74. Channels of Distribution

Figure 75. Global Perception Sensor for UAVs Sales Market Forecast by Region (2024-2029)

Figure 76. Global Perception Sensor for UAVs Revenue Market Share Forecast by Region (2024-2029)

Figure 77. Global Perception Sensor for UAVs Sales Market Share Forecast by Type



(2024-2029)

Figure 78. Global Perception Sensor for UAVs Revenue Market Share Forecast by Type (2024-2029)

Figure 79. Global Perception Sensor for UAVs Sales Market Share Forecast by Application (2024-2029)

Figure 80. Global Perception Sensor for UAVs Revenue Market Share Forecast by Application (2024-2029)



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