

Global Head-Up Display Market Industry Trends Forecast to 2026

<https://marketpublishers.com/r/G7AC55CDA61EN.html>

Date: January 2019

Pages: 255

Price: US\$ 4,200.00 (Single User License)

ID: G7AC55CDA61EN

Abstracts

Global head-up display market is expected to reach a CAGR of 22.9% in the forecast period of 2019 to 2026. The new market report contains data for historic year 2017, the base year of calculation is 2018 and the forecast period is 2019 to 2026.

Market Segmentation

By Type (Conventional HUD and Ar-Based HUD), Technology (Light-Emitting Diode, Cathode Ray Tube, Microelectromechanical System and Optical Waveguide), Component (Video Generator Display Unit, Projector/Projection Unit, Software and Others), Application (Aviation and Automotive), Geography (North America, Europe, Asia Pacific, South America, Middle East And Africa)

Major growing sectors under the market segmentation are as follows:

On the basis of type, the market is segmented into conventional HUD and AR-based HUD. Conventional HUD further is sub-segmented into windshield-based head-up display and combiner-based head-up display.

On the basis of technology, the market is segmented into light-emitting diode, cathode ray tube, microelectromechanical system and optical waveguide.

On the basis of component, the market segmented into video generator, display unit, projector/projection unit, software and others. Display unit is sub-segmented into digital micro mirror device (DMD) display, liquid crystal display (LCD) technology, and liquid crystal silicon technology. Liquid crystal silicon technology is further sub-segmented into ferroelectric LCOS display and

nematics LCOS display. Projector/projection unit is sub-segmented into , digital light processing (DLP) projector, liquid crystal on silicon (LCOS) projector and laser beam steering (LBS) projector.

On the basis of application, the market is segmented into aviation and automotive. Aviation sub-segmented into military aviation and civil aviation. Military aviation is further sub-segmented into aircraft and helicopter. Civil aviation is further sub-segmented into civil aircraft and civil helicopter. Automotive market further is sub-segmented into commercial vehicle and passenger carvehicle.

Key Market Players

The Key Market Players for global head-up display market are listed below:

Honeywell International Inc

Saab AB,

Esterline Technologies Corporation

Heads Up Display, Inc

ROBERT BOSCH GMBH

Garmin Ltd

Continental AG

Thales Group

Nippon Seiki Co., Ltd.

DENSO CORPORATION

Visteon Corporation

BAE Systems

Pioneer Corporation

Delphi Technologies

PANASONIC CORPORATION

Elbit Systems Ltd.

HUDWAY, LLC.

EXPLORIDE INC.

HOLOEYE SYSTEMS, INC.

NAV DY

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 OVERVIEW OF GLOBAL HEAD-UP DISPLAY MARKET
- 1.4 CURRENCY AND PRICING
- 1.5 LIMITATIONS
- 1.6 MARKETS COVERED

2 MARKET SEGMENTATION

- 2.1 MARKETS COVERED
- 2.2 GEOGRAPHIC SCOPE
- 2.3 YEAR CONSIDERED FOR THE STUDY
- 2.4 CURRENCY AND PRICING
- 2.5 RESEARCH METHODOLOGY
- 2.6 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS
- 2.7 DBMR MARKET POSITION GRID
- 2.8 DBMR MARKET CHALLENGE MATRIX
- 2.9 SECONDARY SOURCES
- 2.10 ASSUMPTIONS

3 MARKET OVERVIEW

- 3.1 DRIVERS
 - 3.1.1 RISING DEMAND FOR CONNECTED VEHICLES
 - 3.1.2 INCREASED AWARENESS REGARDING PASSENGER AND VEHICLE SAFETY
 - 3.1.3 BENEFITS ASSOCIATED WITH THE COMBINATION OF SATELLITE NAVIGATION TECHNOLOGY & HUD SYSTEM AND AUGMENTED REALITY HEAD-UP DISPLAY IN SMART CARS
 - 3.1.4 GROWTH IN ELECTRIC VEHICLES AND NEED OF DIAGNOSTIC DISPLAY LEADING TO INCREASING DEMAND OF AUTOMOBILE DISPLAYS
 - 3.1.5 RISING APPLICATION OF HUD IN AIRCRAFT
- 3.2 RESTRAINTS
 - 3.2.1 FATAL ERRORS IN HUDS
 - 3.2.2 HIGH REQUIREMENTS FOR LIGHT, LUMINESCENCE AND POWER FOR

HEAD UP DISPLAYS

3.3 OPPORTUNITIES

3.3.1 PARADIGM SHIFT TO AUTONOMOUS VEHICLES

3.3.2 NEW TECHNOLOGIES IN HUD SYSTEMS

3.3.3 AR-BASED HUD'S INCREASING DRIVING EXPERIENCE IN PREMIUM VEHICLES

3.4 CHALLENGES

3.4.1 HIGH PRICE POINTS FOR HUD TECHNOLOGY

3.4.2 SUBSTITUTES SUCH AS LASER BASED VOLUMETRIC DISPLAYS

4 EXECUTIVE SUMMARY

5 PREMIUM INSIGHTS

6 GLOBAL HEAD UP DISPLAY MARKET, BY GEOGRAPHY

6.1 OVERVIEW

6.2 NORTH AMERICA

6.2.1 U.S.

6.2.2 CANADA

6.2.3 MEXICO

6.3 EUROPE

6.3.1 GERMANY

6.3.2 FRANCE

6.3.3 U.K.

6.3.4 SWITZERLAND

6.3.5 NETHERLANDS

6.3.6 RUSSIA

6.3.7 ITALY

6.3.8 TURKEY

6.3.9 BELGIUM

6.3.10 SPAIN

6.3.11 REST OF EUROPE

6.4 ASIA-PACIFIC

6.4.1 JAPAN

6.4.2 CHINA

6.4.3 SOUTH KOREA

6.4.4 INDIA

6.4.5 AUSTRALIA

6.4.6 THAILAND

6.4.7 SINGAPORE

6.4.8 MALAYSIA

6.5 SOUTH AMERICA

6.5.1 BRAZIL

6.5.2 REST OF SOUTH AMERICA

6.6 MIDDLE EAST & AFRICA

6.6.1 SAUDI ARABIA

6.6.2 UAE

6.6.3 REST OF MIDDLE EAST & AFRICA

List Of Figures

LIST OF FIGURES

Figure 1 GLOBAL HEAD-UP DISPLAY MARKET: SEGMENTATION

Figure 2 GLOBAL HEAD-UP DISPLAY MARKET: DATA TRIANGULATION

Figure 3 GLOBAL HEAD-UP DISPLAY MARKET: RESEARCH SNAPSHOT

Figure 4 GLOBAL HEAD-UP DISPLAY MARKET BOTTOM UP APPROACH

Figure 5 GLOBAL HEAD-UP DISPLAY MARKET TOP DOWN APPROACH

Figure 6 GLOBAL HEAD-UP DISPLAY MARKET: INTERVIEW DEMOGRAPHICS

Figure 7 GLOBAL HEAD-UP DISPLAY MARKET: DBMR MARKET POSITION GRID

Figure 8 GLOBAL HEAD-UP DISPLAY MARKET: THE MARKET CHALLENGE MATRIX

Figure 9 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES OF GLOBAL HEAD-UP DISPLAY MARKET

Figure 10 GLOBAL HEAD-UP DISPLAY MARKET: SEGMENTATION

Figure 11 NORTH AMERICA IS EXPECTED TO DOMINATE THE MARKET FOR HEAD-UP DISPLAY MARKET WHEREAS ASIA PACIFIC IS EXPECTED TO BE GROWING WITH THE HIGHEST CAGR IN THE FORECAST PERIOD FROM 2019 TO 2026

Figure 12 INCREASING QUALITY INSPECTION IN AUTOMATION IS EXPECTED TO DRIVE THE MARKET FOR HEAD-UP DISPLAY MARKET IN THE FORECAST PERIOD 2019 TO 2026

Figure 13 CONVENTIONAL HUD SEGMENT IS EXPECTED TO ACCOUNT FOR THE LARGEST SHARE OF THE GLOBAL HEAD-UP DISPLAY MARKET IN 2019 & 2026

Figure 14 ASIA-PACIFIC IS THE HIGHEST GROWING FOR HEAD-UP DISPLAY MARKET MANUFACTURERS IN THE FORECAST PERIOD 2019 TO 2026

Figure 15 GLOBAL HEAD UP DISPLAY MARKET SNAPSHOT (2018)

Figure 16 GLOBAL HEAD UP DISPLAY MARKET: BY GEOGRAPHY (2018)

Figure 17 GLOBAL HEAD UP DISPLAY MARKET: BY GEOGRAPHY (2019 & 2026)

Figure 18 GLOBAL HEAD UP DISPLAY MARKET: BY COUNTRY (2018 & 2026)

Figure 19 GLOBAL HEAD UP DISPLAY MARKET: BY TYPE (2018 - 2026)

Figure 20 NORTH AMERICA HEAD UP DISPLAY MARKET: SNAPSHOT (2018)

Figure 21 NORTH AMERICA HEAD UP DISPLAY MARKET: BY COUNTRY (2018)

Figure 22 NORTH AMERICA HEAD UP DISPLAY MARKET: BY COUNTRY (2019 & 2026)

Figure 23 NORTH AMERICA HEAD UP DISPLAY MARKET, BY COUNTRY (2018 & 2026)

Figure 24 NORTH AMERICA HEAD UP DISPLAY MARKET, BY TYPE (2019 -2026)

- Figure 25 EUROPE HEAD UP DISPLAY MARKET: SNAPSHOT (2018)
- Figure 26 EUROPE HEAD UP DISPLAY MARKET : BY COUNTRY (2018)
- Figure 27 EUROPE HEAD UP DISPLAY MARKET: BY COUNTRY (2019 & 2026)
- Figure 28 EUROPE HEAD UP DISPLAY MARKET, BY COUNTRY (2018 & 2026)
- Figure 29 EUROPE HEAD UP DISPLAY MARKET, BY TYPE (2019 -2026)
- Figure 30 ASIA-PACIFIC HEAD UP DISPLAY MARKET SNAPSHOT (2018)
- Figure 31 ASIA-PACIFIC HEAD UP DISPLAY MARKET: BY COUNTRY (2018)
- Figure 32 ASIA-PACIFIC HEAD UP DISPLAY MARKET: BY COUNTRY (2019 & 2026)
- Figure 33 ASIA-PACIFIC HEAD UP DISPLAY MARKET: BY COUNTRY (2018 & 2026)
- Figure 34 ASIA-PACIFIC HEAD UP DISPLAY MARKET: BY TYPE (2019-2026)
- Figure 35 SOUTH AMERICA HEAD UP DISPLAY MARKET: SNAPSHOT (2018)
- Figure 36 SOUTH AMERICA HEAD UP DISPLAY MARKET: BY COUNTRY (2018)
- Figure 37 SOUTH AMERICA HEAD UP DISPLAY MARKET: BY COUNTRY (2019 & 2026)
- Figure 38 SOUTH AMERICA HEAD UP DISPLAY MARKET, BY COUNTRY (2018 & 2026)
- Figure 39 SOUTH AMERICA HEAD UP DISPLAY MARKET, BY TYPE (2019 -2026)
- Figure 40 MIDDLE EAST & AFRICA HEAD UP DISPLAY MARKET SNAPSHOT (2018)
- Figure 41 MIDDLE EAST & AFRICA HEAD UP DISPLAY MARKET: BY COUNTRY (2018)
- Figure 42 MIDDLE EAST & AFRICA HEAD UP DISPLAY MARKET: BY COUNTRY (2019 & 2026)
- Figure 43 MIDDLE EAST & AFRICA HEAD UP DISPLAY MARKET: BY COUNTRY (2018 & 2026)
- Figure 44 MIDDLE EAST & AFRICA HEAD UP DISPLAY MARKET: BY TYPE (2019-2026)

I would like to order

Product name: Global Head-Up Display Market Industry Trends Forecast to 2026

Product link: <https://marketpublishers.com/r/G7AC55CDA61EN.html>

Price: US\$ 4,200.00 (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/G7AC55CDA61EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970