

# **North America Autonomous Vehicle Vision and Navigation System Market 2020-2030 by Offering, Vehicle Type, Level of Autonomy (L1 - L5), Distribution Channel, and Country: Trend Forecast and Growth Opportunity**

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## **Abstracts**

North America autonomous vehicle vision and navigation system market is expected to grow by 21.5% annually in the forecast period and reach \$46.93 billion by 2030 owing to technological advancements in deep learning for image processing and government's initiatives for developing autonomous & connected vehicles.

Highlighted with 24 tables and 46 figures, this 110-page report "North America Autonomous Vehicle Vision and Navigation System Market 2020-2030 by Offering, Vehicle Type, Level of Autonomy (L1 - L5), Distribution Channel, and Country: Trend Forecast and Growth Opportunity" is based on a comprehensive research of the entire North America autonomous vehicle vision and navigation system market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2017-2019 and provides estimate and forecast from 2020 till 2030 with 2019 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify North America autonomous vehicle vision and navigation system market in every aspect of the classification from perspectives of Offering, Vehicle Type, Level of Autonomy, Distribution Channel, and Country.

Based on Offering, the North America market is segmented into the following sub-markets with annual revenue for 2020-2030 included in each section.

Hardware & Component

North America Positioning System (GPS)

Radio Detection and Ranging (RADAR) Sensors

Inertial Measurement Unit (IMU)

Camera

Ultrasonic Sensor

Light Detection and Ranging Sensors (LiDAR)

Other Components

Software & Service

Software & Service for Planning

Software & Service for Controlling

Software & Service for Perception

Software & Service for Localization

Based on Vehicle Type, the North America market is segmented into the following sub-markets with annual revenue for 2020-2030 included in each section.

Passenger Vehicles

Commercial Vehicles

Based on Level of Autonomy, the North America market is segmented into the following sub-markets with annual revenue for 2020-2030 included in each section.

Level 1 (Driver Assistance)

Level 2 (Partial Automation)

Level 3 (Conditional Automation)

Level 4 (High Automation)

Level 5 (Full Automation)

Based on Distribution Channel, the North America market is segmented into the following sub-markets with annual revenue for 2020-2030 included in each section.

OEM

Aftermarket

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue are available for 2020-2030. The breakdown of key national markets by Offering, Vehicle Type, and Level of Autonomy over the forecast years is also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in North America autonomous vehicle vision and navigation system market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

Key Players (this may not be a complete list and extra companies can be added upon request):

Aptiv

Autoliv Inc.

Bosch

Continental AG

Denso Corporation

Garmin Ltd.

HERE Technologies

IMAGRY

Magna International Inc.

Pioneer Corporation

Robert Bosch GmbH

Sony

TomTom International BV

Valeo Group

Velodyne LiDAR, Inc.

Waymo LLC

ZF Friedrichshafen AG

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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Continental AG  
Denso Corporation  
Garmin Ltd.  
HERE Technologies  
IMAGRY  
Magna International Inc.  
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Robert Bosch GmbH  
Sony  
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