

# Car Night Vision System Market size is Expected to Grow \$9.5 Billion by 2031 | Growing at a CAGR of 11%

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/EINPresswire.com/ -- Allied Market Research published a report on the [Car Night Vision System Market](#) by Technology and Component: Global Opportunity Analysis and Industry Forecast, 2021-2031.

The global car night vision system market was valued at \$3.4 billion in 2021, and is projected to reach \$9.5 billion by 2031, growing at a CAGR of 11% from 2022 to 2031.



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Growing awareness among mass in road safety issues and growing penetration of luxury cars in developing countries drives the growth of car night vision system industry”

*David Correa*

The reckless accidents that take place on roads during night times mainly owe to the poor visibility and make the car drivers envisage their way ahead rather than driving ahead. But this is not just the case of drunken drivers but also sensible drivers who find very bad visibility during the teensy hours of morning or the odd evenings. Thus comes the use of night vision systems which uses infrared sensors or headlights to provide a clear view of the road ahead.

Humans are visible only to the rays falling under the visible

region of electromagnetic spectrum and are invisible to both the infrared as well as the ultraviolet region of the electromagnetic spectrum. But night vision technology makes it possible for the humans to view the rays subsiding in the infrared region of the electromagnetic spectrum, that means usually the night vision systems used in automobiles capture the infra-red

image of distant obstacles on road as every object emits infrared rays (heat rays) even during night. This image is viewed in a screen and the driver can thus apply the brakes as required.

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Competitive Analysis:

The competitive environment of the [car night vision system industry](#) is further examined in the report. It includes details about the key players in the market's strengths, product portfolio, car night vision system market share and size analysis, operational results, and market positioning. It comprises the actions taken by the players to grow and expand their presence through agreements and entering new business sectors. Mergers and acquisitions, joint ventures, and product launches are some of the other techniques used by players.

Some of the major key players of the car night vision system industry include:

- AUDI AG
- FLIR Systems, Inc.
- Magna International, Inc.
- Robert Bosch GmbH
- Auto Liv
- Bendix Commercial Vehicle Systems
- Delphi Technologies
- Denso Corporation
- OMRON Corporation
- Continental AG

The infrared and thermal sensors are typically mounted in the vehicle's grille and display images in the screen in the center console or dashboard. Newer technology can project the images in a heads-up display in the windshield, showing the exact location of traffic ahead. Both of these types of systems are typically controlled by the on-board computer mounted in the center console.

If conditions make it difficult to see, having night vision can be a huge asset that affords many benefits. Car night vision uses thermo-graphic sensors to detect IR waves or heat back at the vehicle in order to determine the distance of objects ahead. If the road is poorly lit, the night vision will indicate the user what is in front of the vehicle, alerting the user to any obstacles sooner.

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Key Benefits for Stakeholders:

- This report provides a quantitative analysis of the market segments, current trends,

estimations, and dynamics of the car night vision system market analysis from 2021 to 2031 to identify the prevailing car night vision system market opportunity.

- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the car night vision system market outlook assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global car night vision system market trends, key players, market segments, application areas, car night vision system market forecast and market growth strategies.

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