

# With 83.2% CAGR, In-Cabin Monitoring Radars Market Stands Tall at a Size of US\$ 9.7 Million in 2022 | Forecast till 2030

*Dramatic Rise in the Number of Road Accidents Worldwide is Expected to Boost the Market.*

BROOKLYN, NEW YORK, UNITED STATES, October 31, 2022

/EINPresswire.com/ -- Reports and Insights have published a new report titled, "[In-Cabin Monitoring Radars Market: Opportunity Analysis and Future Assessment 2022-2030](#)" analyzed By Technology (Wave Radars (mm-Wave Radars, Frequency-Modulated Continuous-Wave (FMCW) Radars), Ultra-Wideband (UWB) Radars), By Frequency (24 Ghz, 60 Ghz, 79 Ghz, Others), By Application (Vital Sign Detection (Respiratory Rate, Heart Rate, Heart Rate Variability), Child Presence, Seat Occupancy Detection, Body Pose (in/off Position), Seat Belt Recognition, Other), By Vehicle Type (Hatchback, Sedan, MPV, MUV, SUV) and By Region (North America, Europe, Asia Pacific, Latin America, Middle East, & Africa) is expected to grow at a double-digit CAGR for the period between 2022 and 2030.



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In 2022, the in-cabin monitoring radars market is estimated to be valued at US\$ 9.7 Mn and expected to grow significantly at a CAGR of 83.2% over the forecast period

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## In-Cabin Monitoring Radars Overview

Expeditious technological progressions in the automotive industry are majorly boosting the need for sensors in vehicle automation, advanced driver assistance systems, new mobility services, and vehicle connectivity. Since the emergence of entirely automated drive levels, not just the exterior assistance systems are improved but also the interior of the vehicles is remodeling and transformed themselves to offer a holistic in-vehicle experience.

The in-cabin monitoring radar can be classified as an intelligent contact-free sensor for the identification and categorization of passengers seated in a vehicle. The solution identifies exactly the number of people in the vehicle and at which seat position they are seated. In addition to that, the in-cabin monitoring radar also has the potential to accurately determine adults, small

children, and animals present in the vehicle. The system offers this data to the driver.

For instance, the smart system brings to the mind of the driver about the additional passengers in the back seats when the driver leaves the vehicle. Such functions are helpful in problems like little children left behind in the car. Radar technology intends to avoid life-threatening events of sunstroke affecting animals or children via the use of an alarm. Together with an automated distress call system, it also carried the capability to convey radar-accumulated data directly to relief workers. In such a way, the rescue workforce is already aware of what seats are occupied by passengers in the vehicle.

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Dramatic Rise in the Number of Road Accidents Worldwide is Expected to Boost the Market Road traffic accidents—one of the major causes of severe injuries and deaths as well as the tenth-leading cause of all fatalities around the globe—have turned out to be a remarkably substantial percentage of the global burden of ill health. As per the World Health Organization, about 1.35 million people lose their lives every year due to road traffic crashes. Several thousand and thousands of people succumb on American roads each year.

Also, more than 90% of road traffic fatalities take place in low- and middle-income countries. Road safety has become a crucial development priority all around the world, impacting economic growth, health, and well-being. Such factors are significantly encouraging the leading manufacturers of the automotive industry to develop and launch novel and advanced technologies in the global markets.

Moreover, the government's stringent regulations towards road safety are further promoting the idea of the installation of smart and advanced systems in vehicles. Owing to such factors, the global in-cabin monitoring radar market is projected to grow substantially over the years ahead.

### In-Cabin Monitoring Radars Market Segmentation

The in-cabin monitoring radars market is segmented on the basis of technology, frequency, application, vehicle type, and region.

#### By Technology

- o Wave Radars
- mm-Wave Radars
- Frequency-Modulated Continuous-Wave (FMCW) Radars
- o Ultra-Wideband (UWB) Radars

#### By Frequency

- 24 Ghz
- 60 Ghz
- 79 Ghz
- Others

#### By Application

- o Vital Sign Detection
  - Respiratory Rate
  - Heart Rate
  - Heart Rate Variability
- o Child Presence
- o Seat Occupancy Detection
- o Body Pose (in/off Position)
- o Seat Belt Recognition
- o Other

#### By Vehicle Type

- Hatchback
- Sedan
- MPV
- MUV
- SUV

#### By Region

- North America
- Latin America
- Europe
- Asia Pacific
- Middle East
- Africa

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#### In-Cabin Monitoring Radars Market Key Players

Some of the key participating players in in-cabin monitoring radars market are:

Infineon Technologies

HARMAN International

VALEO

NOVELIC

Smart Radar System Inc.

Vayyar Imaging Ltd.

Continental Corporation  
InnoSenT GmbH  
bitsensing, Inc.  
Texas Instruments  
Idneo Company  
s.m.s, smart  
microwave sensors GmbH  
LG Innotek  
Aptiv

To View Top Players, Segmentation and other Statistics of the In-Cabin Monitoring Radars Industry, Get Sample Report: @ <https://reportsandinsights.com/sample-request/6359>

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