

# Autonomous Cars & ADAS – Market Analysis

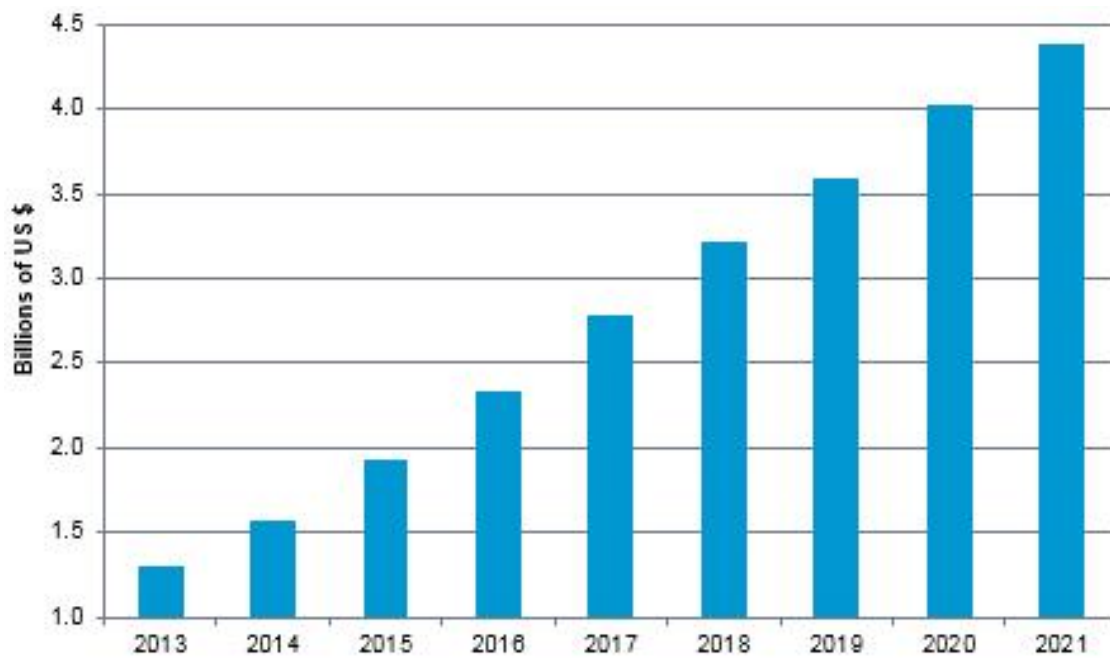
## 3.1 Market Highlights

- **\$14B** – ADAS market
- **19%** - CAGR of the ADAS market
- **56M** ADAS units are expected to be sold by OEM in 2020
- **\$126.8B** – autonomous vehicle market by 2027
- **76M** self-driving cars will be on the roads worldwide by 2035.

## 3.2 ADAS Market

The Advance Driver Assistance System ("ADAS") market is currently valued at \$14B<sup>12</sup> and is expected to reach \$67B by 2025 at a CAGR of 19%.

### Semiconductor and sensor revenue for ADAS applications<sup>3</sup>



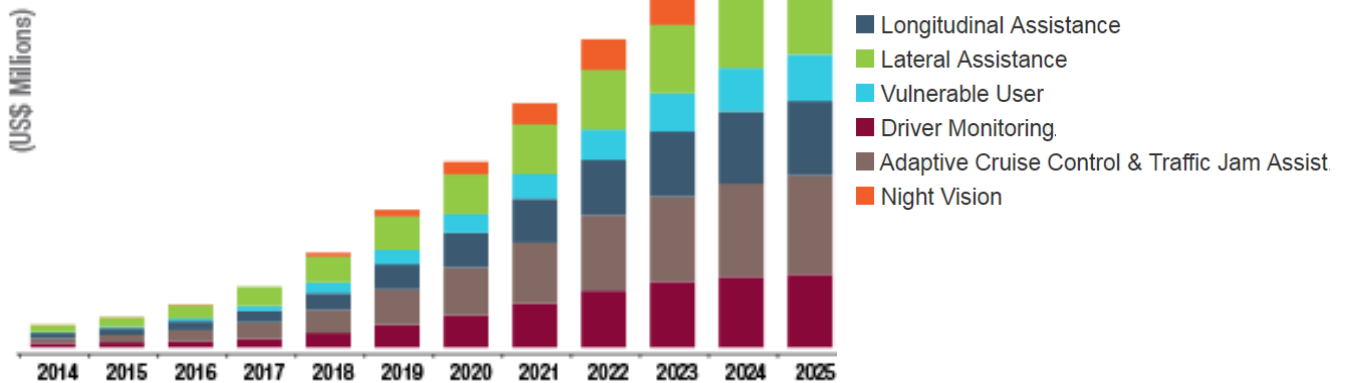
<sup>1</sup> <https://www.grandviewresearch.com/press-release/global-advanced-driver-assistance-systems-ad-as-market>

<sup>2</sup> <https://www.abiresearch.com/webinars/ad-as-and-active-safety/>

<sup>3</sup> <https://www.pddnet.com/data-focus/2016/01/diving-driverless-vehicle-tech-part-2>

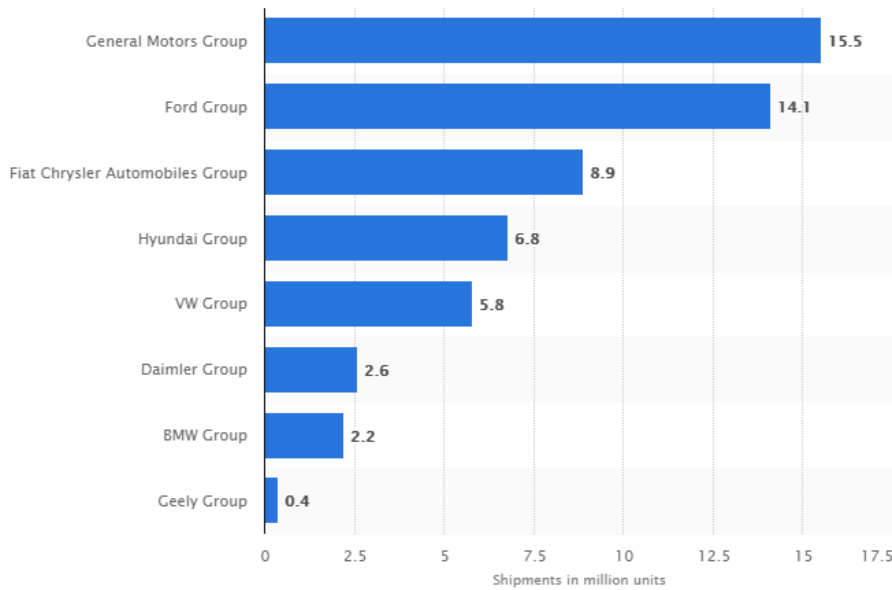
The most relevant ADAS technologies dominating the market are night vision, adaptive cruise control and driver monitoring. As represented in the chart<sup>4</sup>, researches expect the greatest revenue growth to come from Night Vision, Vulnerable User, and Adaptive Cruise Control.

### ADAS Overall Value by System Type World Market, Forecast: 2014 to 2025



Unit-wise, the total number of ADAS units that are expected to be shipped by OEM in 2020 will go up to 56M units<sup>5</sup>.

### Global ADAS unit shipments in 2020, by OEM (In Millions)



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<sup>5</sup> <https://www.pddnet.com/data-focus/2016/01/diving-driverless-vehicle-tech-part-2>

### 3.3 Autonomous Vehicles

Although autonomous vehicles are not yet commercially available in the market, this innovation is expected to take the car industry by storm, revolutionizing the segment in the years to come.

The global autonomous vehicular market will value up to USD 126.8 billion by 2027. Many companies announce a self-driving car in the next years, Audi announced its first autonomous car in 2020, Ford in 2021, Volkswagen in 2019 and the first autonomous car from Toyota will be available in 2020<sup>6</sup>.

Geographically speaking, the market expands over the whole world. Its market can be segmented into Europe, the US, Asia Pacific and the Rest of the World.

According to the Information Handling Services (**IHS**) next to all the other regions shown below, the US will be an early leader in developing autonomous vehicle technology. Research shows that 76M self-driving cars will be on the roads worldwide by 2035 (21M will be sold **in 2035** and nearly 76M sold **through 2035**)<sup>7,8</sup>.

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<sup>6</sup> [http://www.driverless-future.com/?page\\_id=384](http://www.driverless-future.com/?page_id=384)

<sup>7</sup> <https://technology.ihs.com/579470/autonomous-vehicle-sales-set-to-reach-21-million-globally-by-2035-ihs-says>

<sup>8</sup> <https://www.variantmarketresearch.com/report-categories/automotive/self-driving-car-market>