

# Smart 360 Degree Car Parking Assistance System

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**Abstract:** *Advanced Driver Assistance Program (ADAS) for any of these groups of electronic technology that assists drivers in driving and parking jobs. By using a secure human machine interface, ADAS expands the vehicle as well road safety. ADAS uses automated technologies, such as sensors and cameras, to detect nearby obstacles or driver errors, and respond appropriately. ADAS leads to different levels of automatic driving depending on the features installed in the car. As most road accidents occur due to human error, ADAS they are designed to rotate, adapt, and improve automotive technology for safety and better driving. ADAS has been proven to reduce road deaths by reducing human error. Safety features are designed to avoid accidents and collisions by providing technology that warns the driver of problems, apply them protection, and vehicle control if necessary. Flexible features may change the brightness, provide adaptive cruise control, and help prevent it collisions, including satellite navigation and traffic alerts, alert drivers for potential obstacles, to assist in route departure and centralization, provide navigation help with smartphones, and providing other features. Backup camera provides real-time video information about location of your car and its surroundings. This camera provides driver assistance if to support by giving an opinion that is often at odds with it traditional vehicles. When the driver puts the car back, the camera opens automatically. The blind spot monitor incorporates surveillance cameras blind spots for the driver and notify the driver if there are any approaching obstacles the car. Blind areas are defined as areas behind or next to a car that the driver does not see in the driver's seat. A blind spot monitoring systems usually work in conjunction with emergency braking systems to do the right thing if there are obstacles coming in the way of the car. A Rear traffic alert (RCTA) usually works in conjunction with the blind location monitoring system, alerts the driver to approaching when passing vehicles when you step out of the parking lot.*

**Keywords:** Include at least 4 keywords or phrases

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