COSA SONO

Self driving cars are vehicles able to drive autonomously, so without the commands of a human. This technology is based on a group of pilotage’s automated systems and on a bunch of sensors installed on the car. At the time we can only talk of assisted driving, in which the car takes some decision but the main control stays in the driver, because there are not rules about self driving cars.

VANTAGGI

With self driving cars the movements will be less dangerous and the traffic will decrease, due to the intelligent planning of the journey. Moreover, self driving cars allows you to do something else during the journey, like working, reading or even sleeping.

LIVELLI DI AUTONOMOUS DRIVING

Level 0 – no automation

Level 1 – assisted driving: in this level there are anti-collision systems and distance detectors

Level 2 – partial automation: in this level the car is able to brake autonomously

Level 3 – conditioned automation: in this level the car can control the traffic and intervene

Level 4 – high automation: in this level the car is able to drive by itself

Level 5 – full automation: this level is similar to the previous, but in this case the car hasn’t the steering wheel and the pedals.