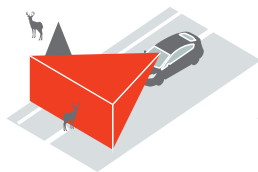
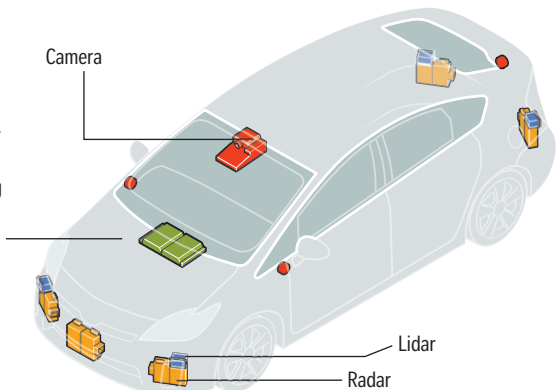


How self-driving cars see the road

Autonomous vehicles rely on a host of sensors to plot their trajectory and avoid accidents.

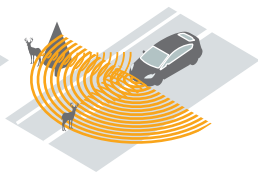
● Multi-domain controller

Manages inputs from camera, radar and lidar (light detection and ranging). With mapping and navigation data, it can confirm decisions in multiple ways.



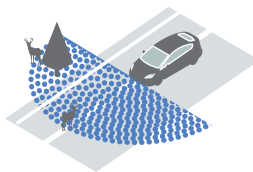
● Camera

Takes images of the road that are interpreted by a computer. Limited by what the camera can "see".



● Radar

Radio waves are sent out and bounced off objects. Can work in all weather but cannot differentiate objects.



● Lidar

Light pulses are sent out and reflected off objects. Can define lines on the road and works in the dark.