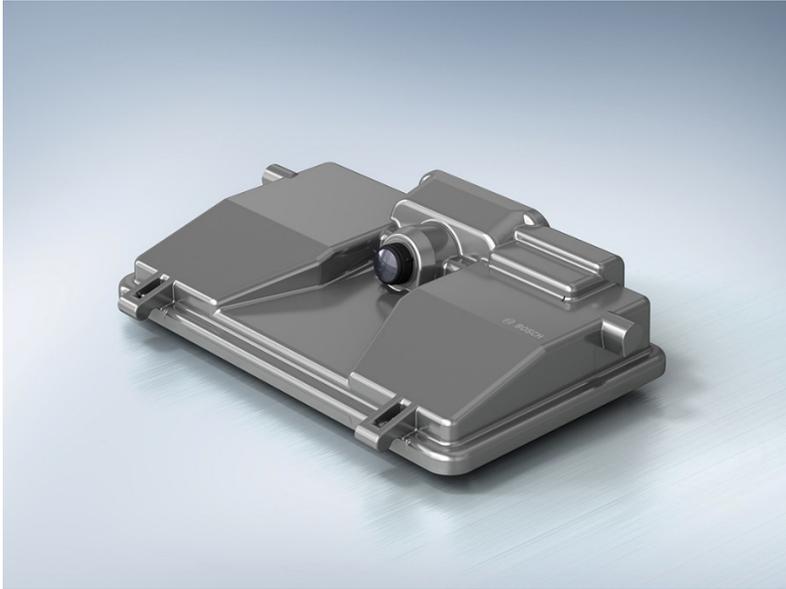


Video sensors for assistance and automotive applications

Multi purpose camera



Features

- High-performance, reprogrammable image processing based on FPGA and microcontroller
- Scalable computing power for multiple function in parallel
- High dynamic range CMOS sensor (imager)
- Resolution: 1.280 x 960 pixels
- Horizontal field of view: 50°
- Vertical field of view: 28°

Benefits

- Intelligent and powerful image processing algorithms
- Best-in-class for lane and headlight detection
- High robustness: high dynamic range and excellent sensitivity
- Housing with integrated control unit and scalable hardware design
- Support Euro NCAP requirements regarding speed assist systems, lane departure warning / lane keeping assist and automatic emergency braking (fusion with radar)
- Specifically supports the Euro NCAP 2016 requirements regarding automatic emergency braking AEB Vulnerable Road Users in fusion systems with radar

Feasible functions

