

Multi purpose camera generation 2

Monocular camera platform for video-based driver assistance systems for heavy commercial vehicles

Powerful and scalable video sensor with integrated control unit



best possible support

basis for driver assistance systems for heavy commercial vehicles

exactly tailored

specifically adapted for the requirements in heavy commercial vehicles

- ▶ Intelligent and powerful image processing algorithms
- ▶ High dynamic range and excellent sensitivity
- ▶ Housing with integrated control unit and scalable hardware design
- ▶ Complies with legal requirements for heavy commercial vehicles



BOSCH

Invented for life

TECHNICAL CHARACTERISTICS

| | | |
|----------------------------|--|---|
| Optics | Horizontal field of view | ± 25° |
| | Vertical field of view | ± 18° |
| Imager | Resolution | 1.2 MP HDR (1,280 x 960 pixels) |
| Functional characteristics | Detection algorithms | Vehicles Pedestrians Bicyclists Road signs Light objects |
| | Integrated driver assistance functions | Lane departure warning Lane keeping assist Road sign information Intelligent headlight control |
| | Others | Object interface for sensor data fusion (on external ECU) |
| Safety level | | Up to ASIL-B |
| Mechanics | Box size | 124 x 114 x 35 mm |