

Camera heads



The camera heads from Bosch are sensors for the realisation of assisted and automated driving and parking functions.

Due to their compact size and modular platform concept, they offer vehicle manufacturers maximum flexibility in the design of environment perception in centralised systems.



- Safe and relaxed driving and parking
- Helps to avoid safety-critical driving situations
- High flexibility for customer-specific requirements due to a modular concept
- Fulfills automotive safety, security and quality requirements
- Can be used in centralised systems

more safety

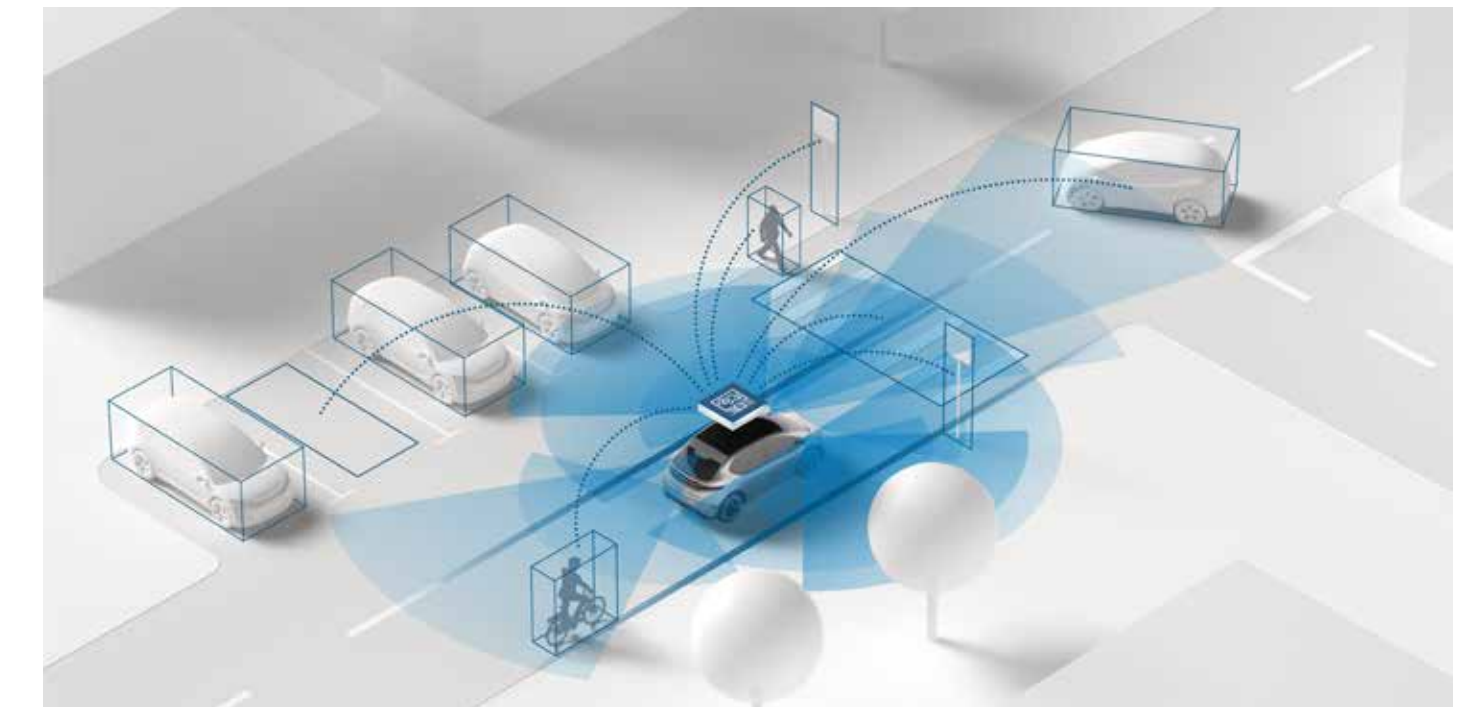
Cameras are an important part of robust environment sensing

more flexibility

for design customization and support of various SoC and third-party software

more comfort

Camera heads enable driver assistance from level 0-4



Technical characteristics

Megapixel	3 - 8 MP
Field of view	e.g. 30°, 120°, 190°
Image resolution	1920 x 1536, 3840 x 2160
Pixel pitch	2,1 µm (8 MP), 3 µm (3 MP)
Color field array	RCCG / RYYCy (8 MP), RGGB (3 MP)
Format and interfaces	Raw format / LVDS phy. link
Connector	Mini-FAKRA (Tyco, HFM), FAKRA, JAE
Housing	Alu extruded housing and cover
Size	23 x 23 mm, 25 x 25 mm