

AI Camera

Camera with AI object and free space detection

01 Features

- Automotive camera with high-performance AI object and free space detection
- New ASIC enables compact design and low power consumption

*Joint development with MediaTek Inc.

02 Product Specs

- Camera size : 32x24x64 mm
- Field of view : Horizontal 190 degrees
- Resolution : 1280x960 pixels
- Processing speed : 30 fps



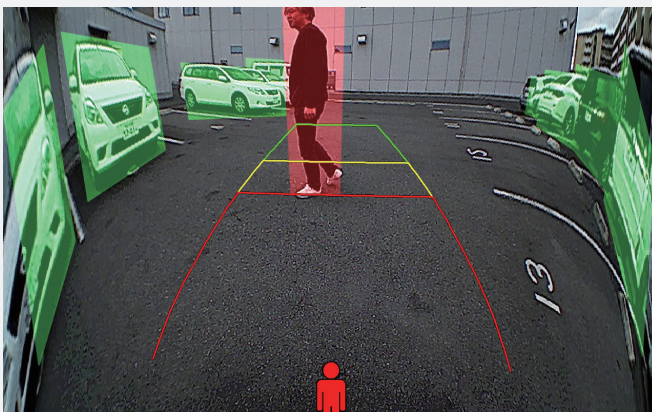
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03 Applications

Object Detection

(Pedestrians, Cars, Motorcycles, Bicycles)

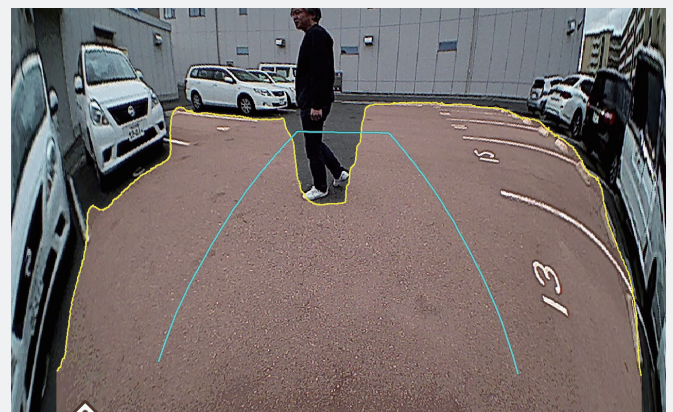
- Automotive sensing view camera for ADAS
- Traffic monitoring camera for ITS roadside systems



Object Detection
(Pedestrians, Cars, Motorcycles, Bicycles)

Free Space Detection

- Collision avoidance with general obstacle detection
- Self-parking system in available parking spaces
- Applications for personal mobility and intelligent robots



Free Space Detection