



Find below the main answers of Akira Kondo, general manager of Denso's Driver Assistance department, to questions from Automotive News:

- We believe that the multi-function camera is an important technology for ADAS. However, we think that the camera and other technologies such as radar will coexist. This will depend on the design of ADAS.

- In the future, the multi-function camera can be applied to various applications, including: lane departure warning, forward collision warning, auto high beam, adaptive driving beam, traffic sign recognition, pedestrian recognition, driving environment, and so on.

- It can be said that applying a multi-functional camera with high computer processing power is more beneficial than adding a dedicated camera. We think it is important for system development to adopt advanced semiconductor technology, as well as evaluating applications' specifications and costs that meet markets' needs.

- In addition to safety benefits, traffic sign recognition technology could also contribute to fuel saving. We see traffic sign recognition technology as a promising function in the automobile industry and expect it to grow in many regions including Europe.

- To realise pedestrian detection technology, we are considering two options – using the camera alone, and using the combination of the radar, lidar and camera.

- As one possibility, side- and rear-facing cameras might be applied to applications such as lane changing warning.