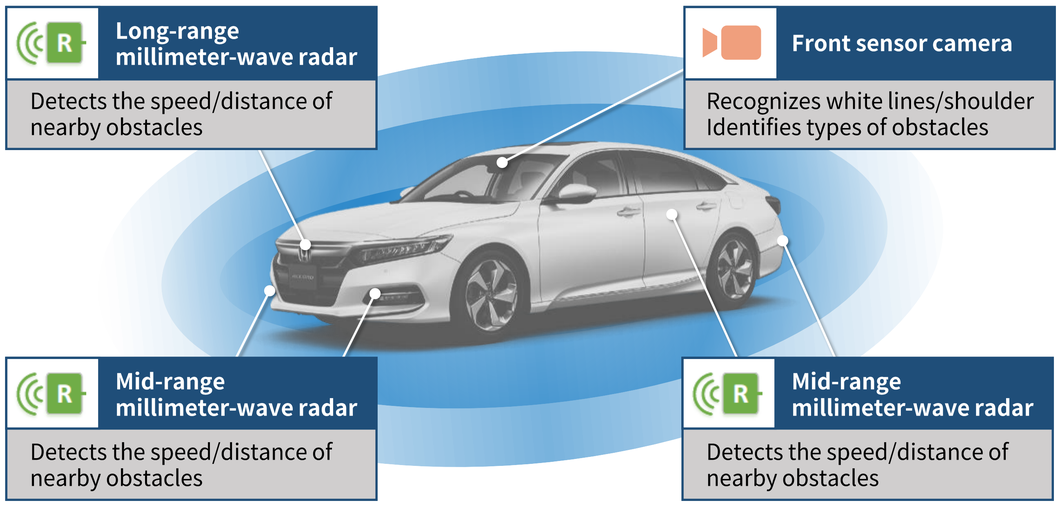
Honda SENSING 360

Objective

To use multi-directional sensing to cover blind spots around the vehicle, which have been difficult to confirm visually in conventional driving, and to support the avoidance of collisions with other vehicles and pedestrians and the reduction of the driver's load due to driving.

Technical Content

Supports safe driving by integrating the external world conditions obtained through each sensor used in Honda SENSING and performing recognition, prediction, and judgment.



Recognition

Recognition of external condition

Prediction: Judgment

Operation

Technical features

Evolution of accident avoidance support functions utilizing the knowledge and know-how cultivated in the research and development of automated driving Level 3 technology

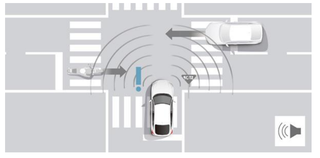
- Based on accident analyses from each region, analyzes priority issues related to intersection/lane deviation/pedestrian/motorcycle/rear side accidents and creates countermeasure specifications.
- Expands the recognition range in all directions and improves predictive judgment capability.

Honda SENSING on-board function+5 functions

Collision mitigation braking

Function expansion

- Intersection
- Pedestrian
- Head-on collision
- Vehicle side/opposing direction C/M



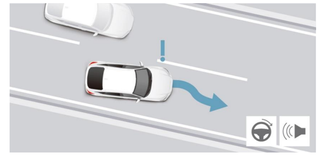
Motorcycle/automobile crossing vehicle C/M

C/M for pedestrian crossing when turning left/right

Front cross traffic warning

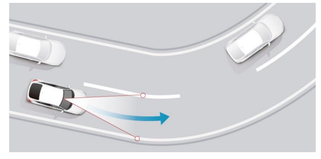
Crossing vehicle alert when driving at low speed or starting

Lane change collision mitigation



Assists steering operation to avoid collision

Cornering speed assist



Reads the curvature of the lane right before the curve and adjusts vehicle speed

Active lane change assist

System assists with steering for lane changes

HONDA