

TURN ASSIST R151

BLIND SPOT INFORMATION SYSTEM VRU DETECTION



BSIS – Blind Spot Info System for the Detection of Bicycles met European guidelines according to UN ECE R151.

Turn Assist R151 works by two AI cameras to detect vulnerable road users in a large range. Detect objects are including pedestrians, cyclists, motorcycles and vehicles.



Complies with UN ECE R151

- ABE certificated, able to eligible the fundings;
- OEM solution, providing flexible manufacturer solutions.
- The camera positioning is flexible and can be modified to almost any vehicle.
- The newest AI camera system for turn assist R151;
- Special bus stop function;
- The system reliably detects pedestrians, cyclists, and workers in work areas or vehicles;
- Including collision warnings to minimize erroneous warnings;
- Accurately indicating the location of obstacles. Therefore, Turn Assist R151 achieves much more functionality than required by the R151 instruction.

Optional

- ♦ The monitor displays the blind spots which on the side of the vehicle;
- ♦ DVR function: The system can record camera images to provide assistance to the driver in the event of an accident. Recording according to GDPR guidelines.

Additions

- ▲ The system able to add RAS R158 and MOIS R159, work as one system with 4 AI cameras. Sever/Portal solution for external monitoring as a fleet management.
- ▲ Lane change assist function to detect vehicles which next to and help to change lanes.



DETECT TARGET



TECHNICAL DATA

Working Voltage	9~32VDC
Working Temperature	-40°C ~+75°C
Quiescent Current	<=100uA
Waterproof	IP69K
Vibration	5G

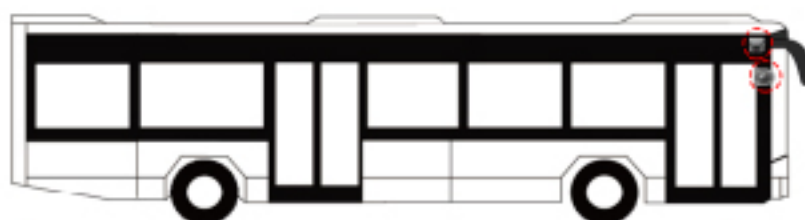
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CAMERA WITH A VIEW OF
THE ENTIRE FRONT AREA



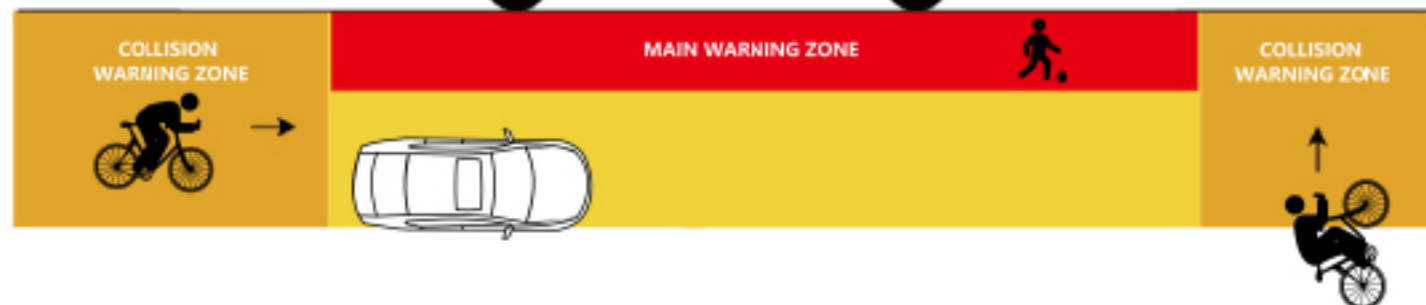
CAMERA WITH A VIEW OF THE
RIGHT BLIND SPOT,
AND BEHIND THE VEHICLE



CAMERA WITH A VIEW OF
THE ENTIRE FRONT AREA



CAMERA WITH A VIEW OF THE
RIGHT BLIND SPOT,
AND BEHIND THE VEHICLE



L4 display on the A-pillar
4 Warning zones:
a very accurate
warning display



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* For further information please free to contact us:

WEB: www.vispect.com

Email: Support@vispect.net