



BSIS

Blind Spot Information System

AI

PSVT-CB737A

Comply with **UN ECE R151** regulatory requirements

According to the requirements of the new EU General Safety Regulation (GSR), all newly registered M and N category vehicles in the EU in July 2024 must be equipped with systems that comply with EU regulations.

UN ECE R151 Vehicle Blind Spot Warning System (BSIS) mainly monitors the vehicle's side blind spots.

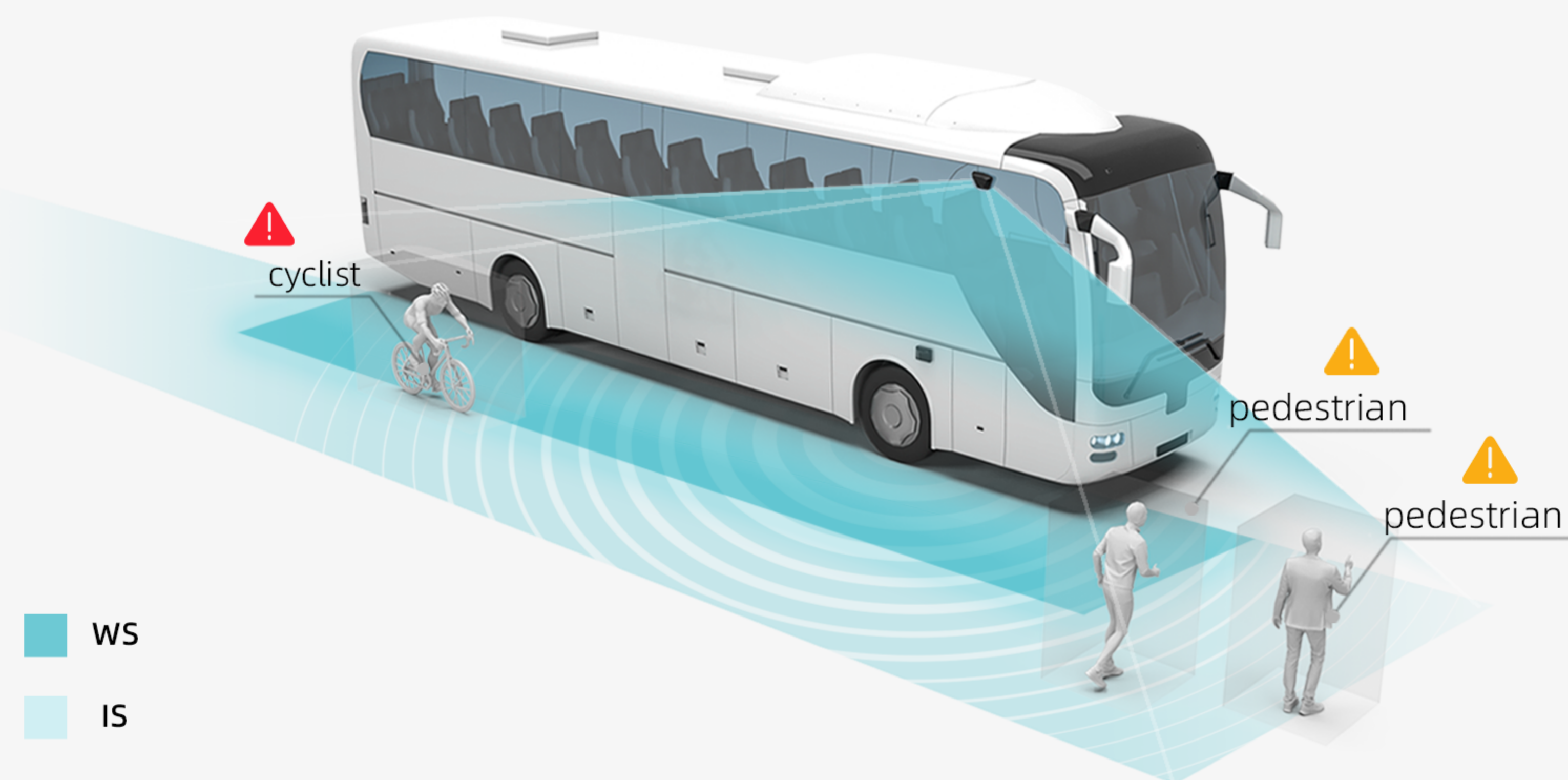
When a pedestrian or object enters the risk collision zone, the system will actively issue an audible and visual alarm.

Advanced AI and fusion technologies can reduce the likelihood of accidents and provide the most secure driving experience.



The only one in the market
Image + Radar
Fusion recognition technology

Brief description of regulations



- At speed = 0km/h, the VRU entering from any direction only provides IS to alert the driver.
- When the speed is ≥ 1 km/h, the VRU is in a dangerous area and the direction indicator is turned on, it will provide WS to warn the driver in audible and visual ways.
- At speeds ≥ 1 km/h, pay more attention to risky vehicles and objects approaching from behind, and provide WS warning when entering the dangerous area.

Product advantages

- The only fusion technology on the market (Image and radar applications).
- Passed the German TÜV Rheinland **R151 BSIS** performance test, and passed the Homologation and Type Approval certification.
- Active detection provides drivers with immediate warning of dangerous situations and visual assistance in side blind spots, with an accuracy rate of up to 99%.
- Equipped with active detection, it provides immediate warning and assistance to the driver, **ISO 21434 (ECE R155/R156)** cyber security & UDS standard development process, software update and management.
- Equipped with failure mode (vehicle anomaly detection, sensor shielding, low light source reminder) and self-test mode. It can also provide excellent performance in harsh environments.

AUTOEQUIPS

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