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Mounted on the side of the driver's cab, the camera is automatically activated by the speed signal or the turn signal and covers the entire area on the right side of the bus.

The resulting image can be displayed on the on-board display via the control box or on the high-quality MEKRA Lang monitor.

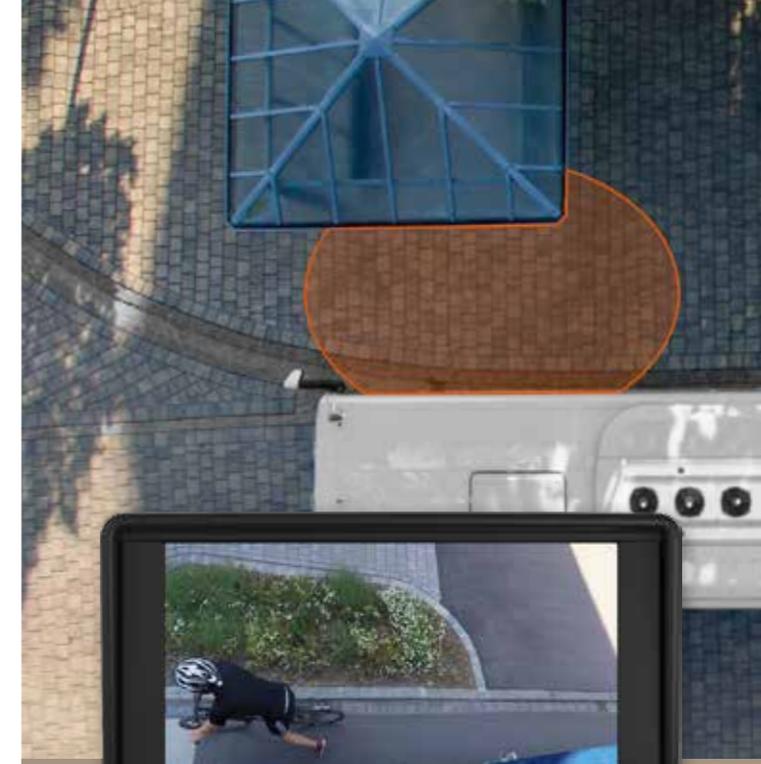
- The critical area on the right side of the bus is visible at a glance.
- Objects appear less distorted, and the field of vision is significantly larger than that provided by a roof mirror.
- Drivers are able to assess the situation faster and more accurately.
- The number of turning accidents resulting in damages or injuries can be reduced.
- The side view camera increases the safety of all road users involved.

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Blind Spot Assistant

Protecting vulnerable road users



Making a right turn at an intersection requires the bus driver's full attention. Bicyclists and pedestrians find themselves in dangerous situations, especially when making eye contact is impossible.

- Within just a few seconds, bus drivers have to process and evaluate large amounts of information.
- Mirrors alone cannot provide complete visibility of all areas around a bus.
- Poorly adjusted mirrors exacerbate the problem by reducing visibility even more.
- Bicyclists and pedestrians are often unaware of the dangerous situation.
- The risk of accidents is frequently increased by inattention and time pressure of those involved.



Side View Camera

Vibration resistance	50 G
Operating voltage	10 - 36 V
Dimensions	camera: 65 x 59 x 50 mm (W x H x D) bracket: 80 x 71 x 28 mm (W x H x D)
Aperture angle	70°/100°/120°
Video format	PAL/ NTSC
Temperature range	-40 °C to +85 °C
Protection class	IP 69 K
Bracket material	ABS plastics
Adjustment	thanks to its ball shape, the camera can be rotated 360°

Side View Camera

The side view camera covers the critical area on the right side of the vehicle, making it easier for the driver to assess the situation correctly. The image can be displayed on an additional monitor or the existing on-board information systems.

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Protecting vulnerable road users



Control Box

Nominal voltage	12 V/ 24 V
Temperature range	-40 °C to +85 °C
Video format	PAL/ NTSC
Video input	4
Application	for existing displays

Control Box

The control box provides connectivity between the side view camera and existing on-board information systems, and is complemented by our comprehensive portfolio of adapter solutions.

Everything at a glance

Both the control box and the monitor can be used to expand this system to include up to **4 cameras**. For example, **safety around** the vehicle can be increased by employing the rear view camera. **Turn signals**, reverse gear or a variety of other vehicle signals can be used for activation.



7" MEKRA LED Monitor

Resolution	800 x 480 Pixels
Operating voltage	9 - 36 V
Video format	PAL/ NTSC (automatic)
Camera inputs	4, Splitscreen possible
Aspect ratio	7"/16:9
Day and Night switch	automatic, sensor-based
Power drain	approx. 10 W
Protection class	IP 65

Surround View Monitor

The surround view monitor can be employed to achieve 360° visibility. When the vehicle makes a turn, the side view camera's image can be displayed in full screen mode.