



MAN VAS: Video turning assistant system for best view to the right

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In MAN trucks, the video turning assistant system's camera is expanding the driver's field of view into the blind spot. The monitor is located in the field of vision when the driver looks to the right into the mirror.

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- **Camera on right-hand side of cab**
- **Monitor on right-hand A-pillar**
- **Possible to combine with ultrasonic sensors**
- **Can be installed or retrofitted by MAN Individual for TGL, TGM, TGS and TGX series**

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Despite having numerous proactive safety systems supporting them, the driver always has responsibility for the job of driving. Above all, good visibility for the driver and unrestricted ability to observe other road users are essential for this. It is difficult to see what is going on to the right-hand side of a vehicle, so if something critical is about to happen when turning, changing lanes or manoeuvring, the driver needs to be alerted to this as early as possible. A camera monitor system helps the driver to see what is happening alongside the vehicle, supporting the view afforded by the rear-view and kerb mirrors. The driver is thus able to see objects such as cyclists or a smaller vehicle right next to the cab. Bollards, walls or parked vehicles become more obvious when manoeuvring. The system is activated automatically whenever the right-hand indicator is switched on. If required, the driver can also switch on the system via a switch.

On request, MAN Individual can install a camera with a 150° wide angle lens on the right-hand side of the cab near to the edge of the roof. The monitor, which measures 7 inches, is usually installed inside the cab on the passenger side A-pillar. When the driver looks to the right into the mirror, the monitor is visible in the field of vision. Alternatively, the camera signal can be played back on the 7-inch display for the Infotainment system on the instrument panel.

MAN Truck & Bus is one of Europe's leading commercial vehicle manufacturers and transport solution providers, with an annual revenue of some 11 billion euros (2018). The company's product portfolio includes vans, trucks, buses/coaches and diesel and gas engines along with services related to passenger and cargo transport. MAN Truck & Bus is a company of TRATON SE and employs more than 36,000 people worldwide.

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The camera monitor system can be equipped with ultrasonic sensors on the front and right side of the vehicle for even greater safety. These sensors register objects and other road users up to two metres away from the cab. When other road users approach, the driver receives a visual warning via LED warning lamps and an acoustic warning via a signal tone. This enables the driver to identify the potential hazardous situation in good time and respond accordingly.

This equipment can be ordered as a factory-fitted feature, though it is also possible to retrofit.