



Contact:



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Surround View

Overall visibility in critical areas

Everything at a glance

MEKRA's surround view system provides 360° vision by combining our extremely rugged cameras, which have been tried and tested for years, with a new generation of monitors.

It is up to the driver to configure the display of the individual camera images manually or to have this done automatically by using the vehicle's signals as triggers. This provides optimum visibility in critical areas for the respective driving or work tasks at hand: rear view camera, a combination of side and rear view cameras, or complete surround view.

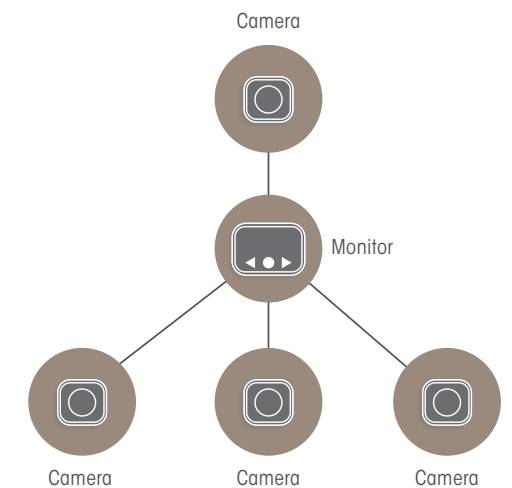
In order to merge the camera images, the system does not have to rely on a control unit that requires calibration during initial installation. Furthermore, no new "blind spots" are created when dealing with complex machine configurations.

MEKRA Lang - passion for excellence.

Last Update: October 2019 | Contents subject to change



Sample System Configuration





CMOS Camera

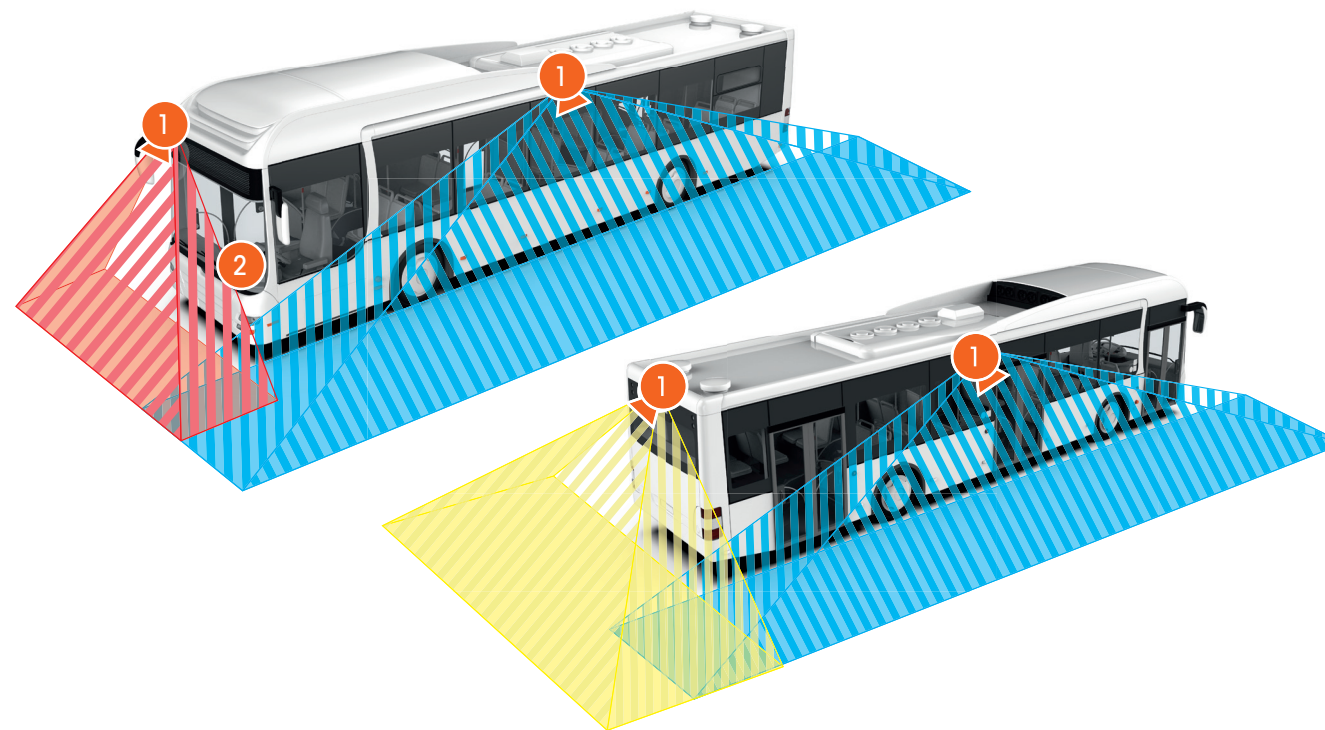
Vibration resistance	50 G
Operating voltage	10 - 36 V
Dimensions	65 x 59 x 50 mm (W x H x D)
Aperture angles	70°/100°/120°
Video format	PAL/ NTSC
Temperature range	-40 °C to +85 °C
Protection class	IP 69 K

Camera

High-quality cameras in original equipment quality are our strength. Together with our customers, we determine the optimal position to capture the critical areas around the vehicle. The driver thus has everything in view and can see the current situation all at once. The high-quality monitor delivers a brilliant image under all conditions. A system that protects other road users and makes work more efficient.

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Illustrations are exemplary: The fields of view depend on the mounting position and the opening angle of the cameras.



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