



## Surround View

For your safety at work

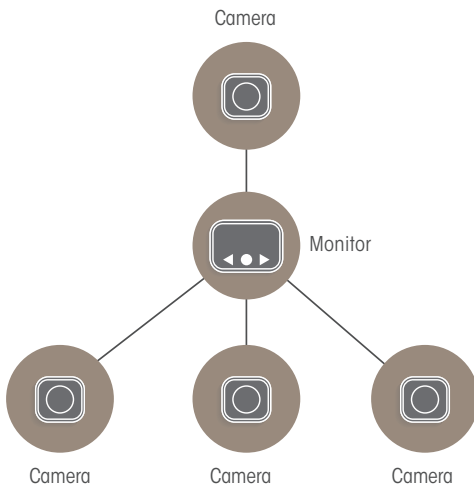


### Everything in view at a glance.

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.

### Example of the system structure



Our vision ... is safety!



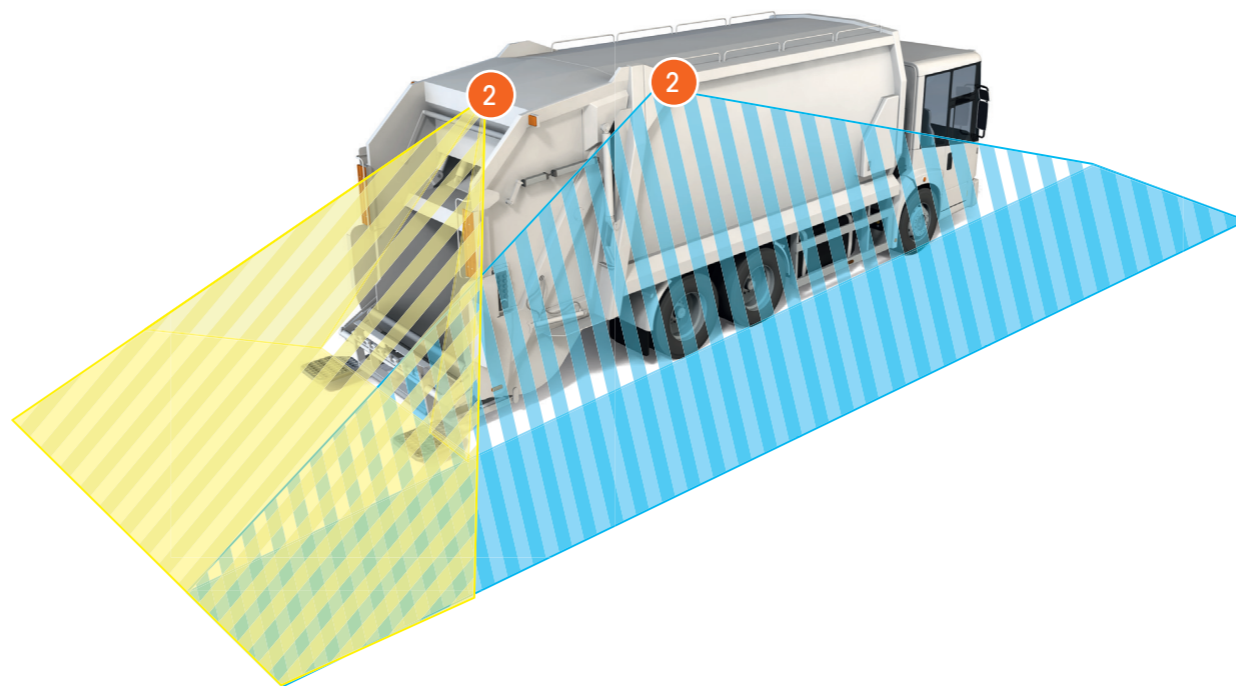
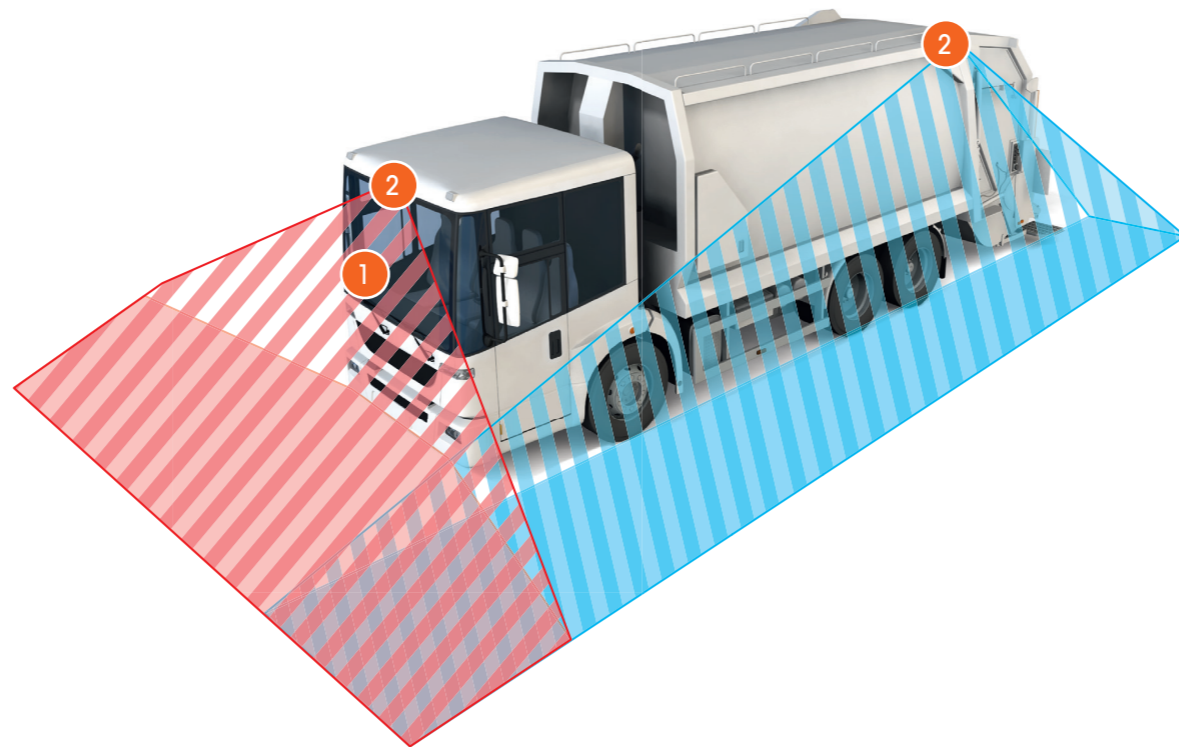
### 7" MEKRA LED Monitor

1

Resolution	800 x 480 Pixel
Operating voltage	9 - 36 V
Video format	PAL/ NTSC (automatically)
Camera inputs	4, Split screen possible
Aspect ratio	7" / 16:9
Day / night switching	automatic via sensor
Power consumption	ca. 10 W
Protection class	IP 65

### Surround View Monitor

By using the Surround View Monitor, an all-round view can be provided. During the right turn process, the side camera is displayed in full screen.



### CMOS Camera

2

Vibration resistance	50 G
Operating voltage	10 - 36 V
Measurements	65 x 59 x 50 mm (B x H x T)
Aperture angles	70°/100°/120°
Video format	PAL or NTSC
Temperature range	-40 °C until +80 °C
Protection class	IP 69 K

### Camera

High-quality cameras in OEM quality are our strength. Together with our customers, we determine the optimal position to capture the critical areas around the vehicle.

Thus, the driver has everything in view and captures the current situation at once. The high-quality monitor delivers a brilliant image under conditions. A system that protects other road users and makes work more efficient.

You can find more information in our film on our YouTube channel-MEKRA Lang - No Blind Spot by MEKRA Lang:





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More information:



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