

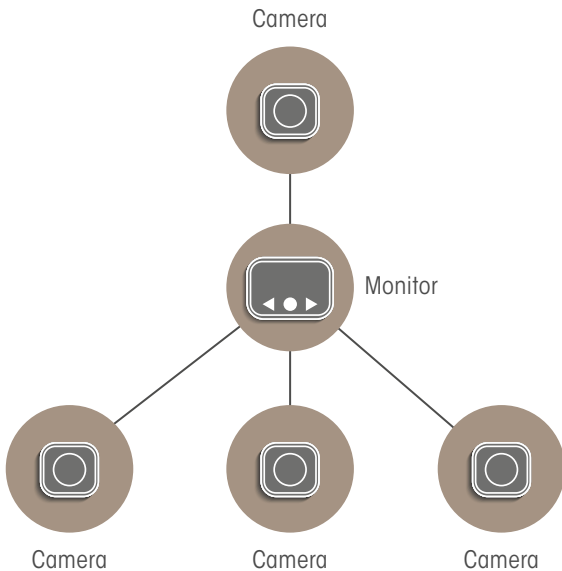


Surround View

Product information and application examples



Sample System configuration



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.

Our vision ... is safety!



7" MEKRA LED Monitor

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

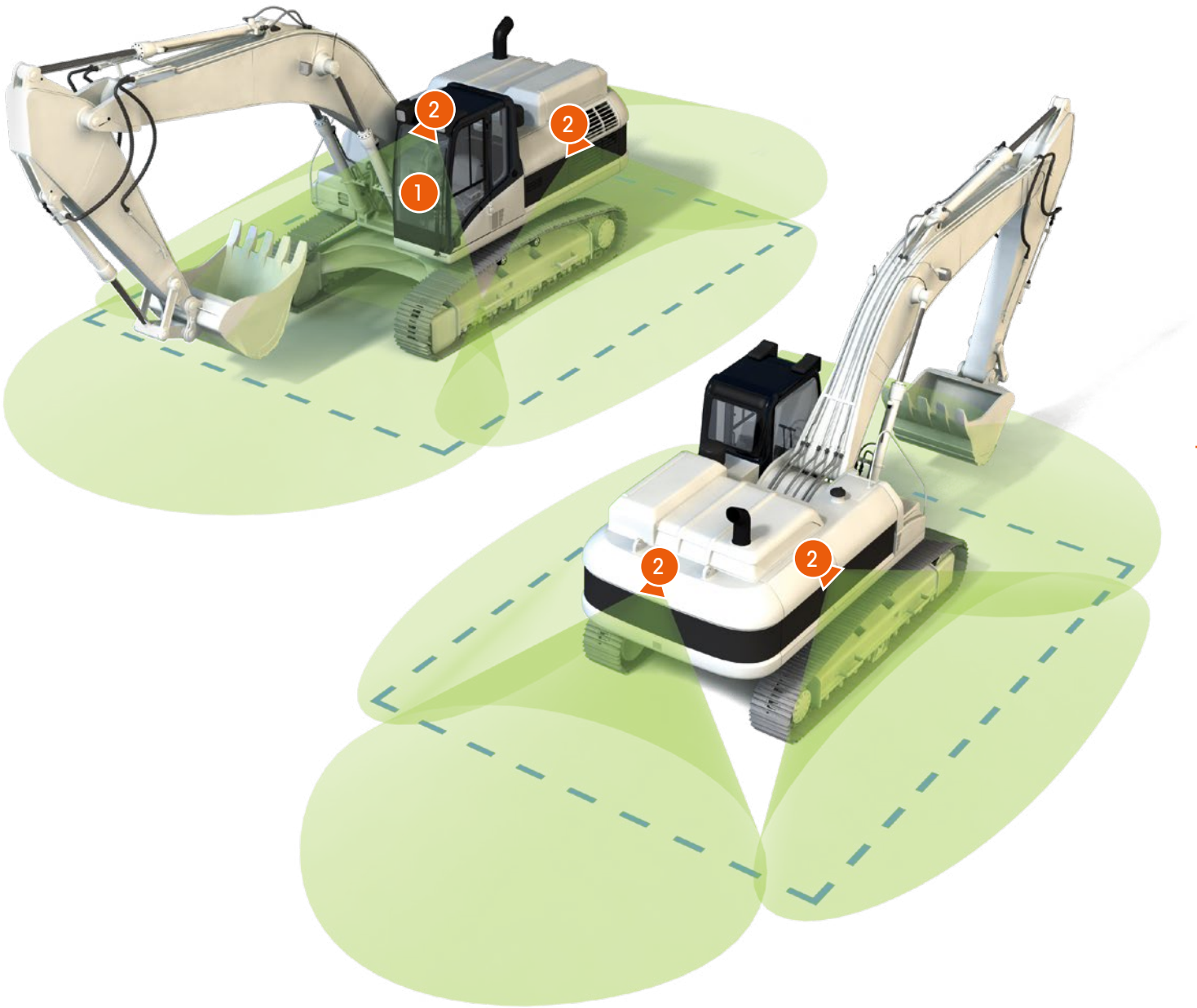
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AMP - MEKRA (m-f)

Cable length	5 m, 11 m, 16 m and 21 m
Plug connection	IP 69K (MEKRA-side)
	Oil- and fuel resistant
	ADR-tested
	UV-resistant

For the direct connection of MEKRA-Cameras from the Camera family 100000 to the MEKRA-Monitors 507405 and 50741



CMOS Camera

Vibration resistance	50 G
Operating Voltage	10 - 36 V
Measurements	65 mm x 59 mm x 50 mm
Aperture angles	28°/50°/70°/100°/120°/130°
Video format	PAL or NTSC
Temperature range	-40 °C to +85 °C
Protection class	IP 69K

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CMOS Ball Camera

Vibration resistance	50 G
Operating Voltage	10 - 36 V
Measurements	65 mm x 59 mm x 50 mm
Aperture angles	28°/50°/70°/100°/120°/130°
Video format	PAL or NTSC
Temperature range	-40 °C to +85 °C
Protection class	IP 69K

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Our vision ... is safety!

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