



Surround View

Product information sheet with application examples



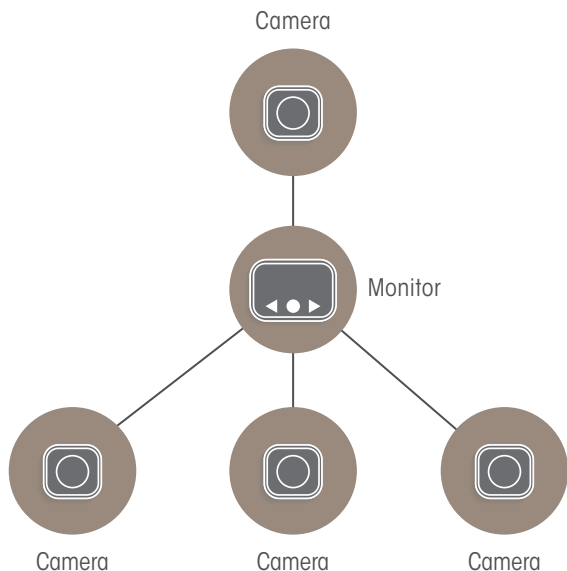
Example of the system structure

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

1

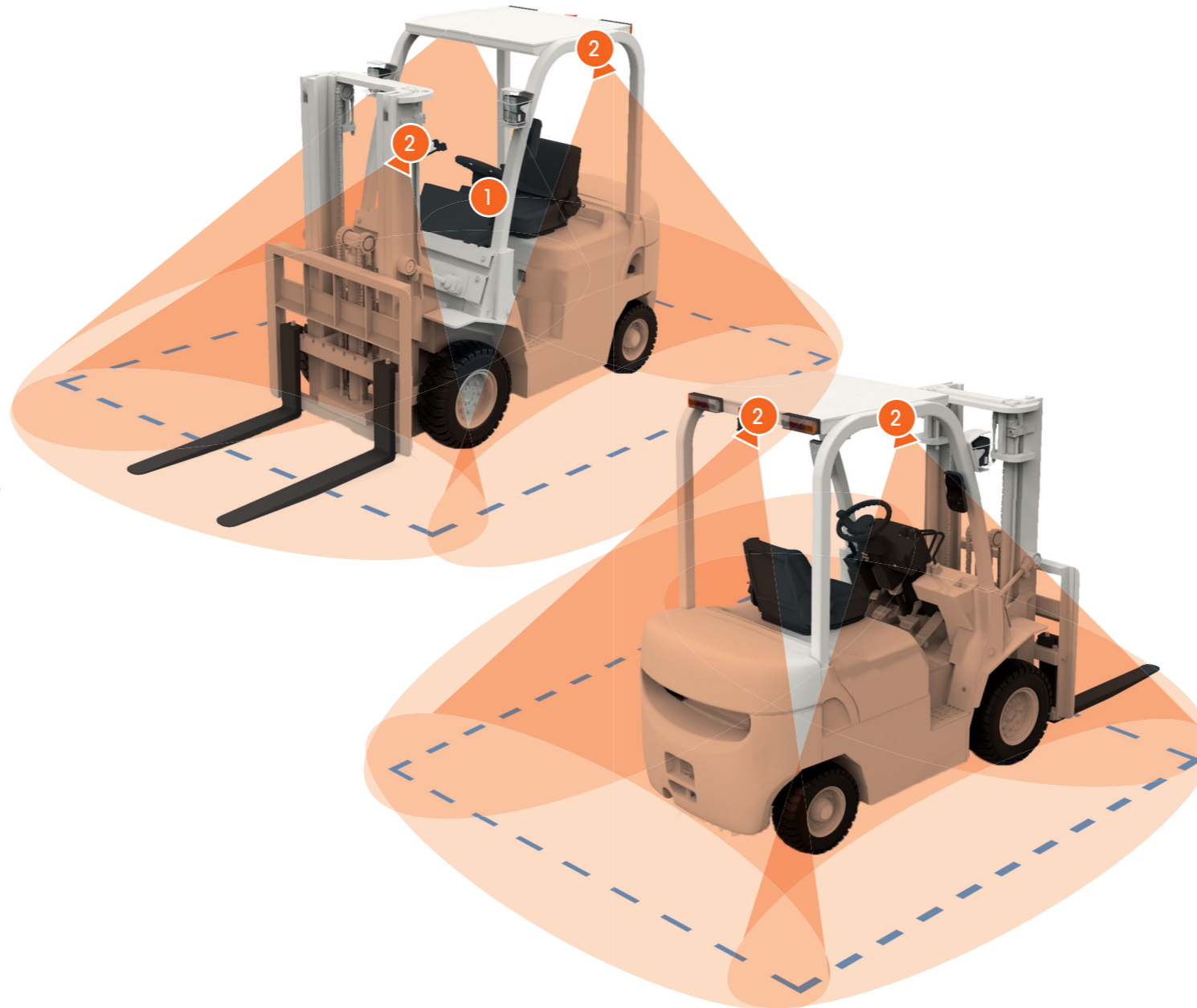
Resolution	800 x 480 Pixel
Operating voltage	9 - 36 V
Video format	PAL/NTSC (automatically)
Camera inputs	4, splitscreen possible
Aspect ratio	7" / 16:9
Day / night switching	automatic via sensor
Power consumption	ca. 10 W
Protection class	IP 65



AMP - MEKRA (m-f)

Cable length	5 m, 11 m, 16 m und 21 m
Plug connection	IP 69K (MEKRA-seitig)
	Oil and petrol resistant
	ADR-tested
	UV-consistent

For the direct connection of MEKRA cameras from the camera family 100000 to the MEKRA monitors 507405 and 507410



CMOS Camera

2

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



CMOS Ball Camera

2

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



Our vision ... is safety!

More information:



MEKRA^{tronics} GmbH

Buchheimer Str. 4
91465 Ergersheim
Germany

info@mekratronics.de
www.mekratronics.de