MEKRA LANG Group

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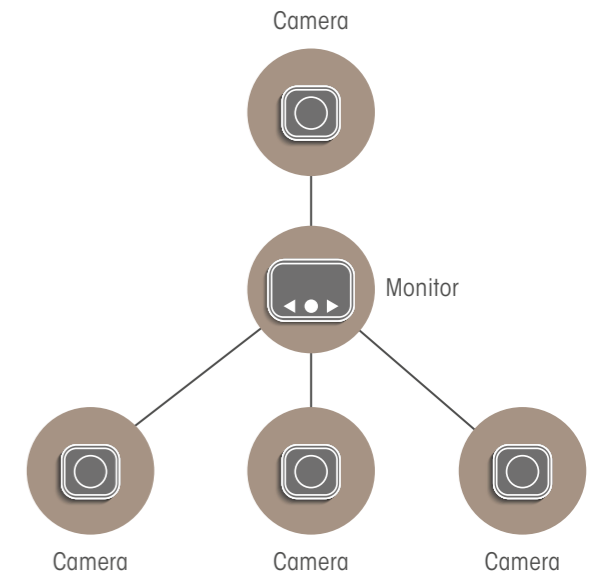
It is up to the driver to configure the display of the individual camera images manually or to have this done automatically by using the vehicle`s signals as triggers. This provides optimum visibility in critical areas for the respective driving or work tasks at hand: rear view camera, a combination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

Surround View

Product information and application examples

Sample System configuration

Camera

Monitor

Camera   Camera   Camera

7" MEKRA LED Monitor ①

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

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

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 Ball Camera ③

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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