

MEKRA Lang Front Camera System - The Safest Alternative to the Front Mirror



- Excellent vision
- Easy expandability

In the most recent edition of our newsletter, we already discussed the “blind spot” as one of the critical safety issues affecting commercial vehicles. According to European Directive 2003/97/EC, either a front mirror or a front camera system must be installed in order to afford the driver a clear view of the hazardous area in front of the vehicle (mirror class VI).

To date, MEKRA Lang has been the first company to introduce a front camera system certified by Germany’s Federal Automotive Agency (Kraftfahrt-Bundesamt) in Flensburg, thus offering its customers a fully compliant alternative to the front mirror.

Virtually distortion-free



Original image generated by an off-the-shelf high-end camera



Original image generated by the new MEKRA camera

Low glare



Original image generated by an off-the-shelf high-end camera



Original image generated by the new MEKRA camera

MEKRA Lang Front Camera System

This unique accomplishment, however, is not the only reason why the camera system has become the number one commercial vehicle product. Thanks to its decades of experience developing and marketing vision systems for commercial vehicles, MEKRA Lang is well positioned to continue to expand its innovative technology potential.

Offering a long service life, the entire product line is ideally suited for meeting the durability demands of the automotive field and has received all of the required e1/E1 certifications.

Benefits

Among the most significant technical characteristics are the following:

- CMOS image resolution (crystal-clear picture even with incident light, back-light or glare)
- Virtually distortion-free imaging - no fish-eye effect
- High visibility day and night
- Operating temperature ranging from -40°C to $+85^{\circ}\text{C}$
- High shock and vibration resistance

Additionally, the following features ensure a safe and comfortable driving experience:

- Clear view of the area in front of the vehicle (mirror class VI) even with the sun visor pulled down and the front mirror covered.
- The driver can see people on the hazardous right-hand side of the vehicle.
- The system can be easily expanded by adding up to two cameras for reverse driving (stationary mount and trailer); ADR compatibility of the cables is a given.
- Due to the advantageous mounting position of the IP69K rated front camera, high-pressure steam poses no problem.
- Patented camera brackets facilitate simple attachment and alignment.

With this top-quality front vision system, MEKRA Lang has reached another important milestone on the path towards increased traffic safety, helping truckers do their difficult and important jobs safely and responsibly.

MEKRA Lang GmbH&CoKG

Head office

D-90765 Fürth
Schuckertstraße 8-20
Phone: +49 - 911 / 9762 - 0
Fax: +49 - 911 / 9762 - 120

Administration, development and production

D-91465 Ergersheim
Buchheimer Straße 4
Phone: +49 - 9847 / 989 - 0
Fax: +49 - 9847 / 989 - 200

www.mekra.de



reflecting your visions.