



ICA-MOIS1001

MOIS according to UN-ECE R159 Moving Off Information System



Reduce accident costs
Protect drivers and pedestrians
High precision
No fear of night and dark environments
Up to 0.5T computing power
Easy to install convenient and quick
IP69K
Reduce accidents
Normal operation in extreme environments
Applicable to all models

WEITERE INFOS

Special features:

- High-resolution camera with embedded AI (deep learning) technology
- High-quality automotive grade components for high customer requirements
- Compact design LED display (22 x 100 x 15 mm)
- Buzzer for acoustic warning
- Simple installation and parameterisation
- Voltage range: 10-36 V
- Protection class IP69K
- Operating temperature range: -40° to +85°C
- Camera dimensions (WxHxD): 148 x 80 x 80 mm

The ICA-MOIS1001 Moving Off Assistant (MOIS) informs the driver of vulnerable road users in the blind spot in front of the vehicle.

The camera-based system uses artificial intelligence to process the image information in real time and informs or warns the driver if there are people in the defined area. The driver receives information and warning signals

via the LED display in the cab to draw attention to what is happening and avoid impending collisions.

This effectively eliminates blind spots in front of vehicles and reduces the risk of serious accidents. The ICA-MOIS1001 fulfils the requirements of the UNECE R159 directive.

Technische Änderungen und Irrtümer vorbehalten.



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Technical data:

- Image sensor: 1/2.8" CMOS
- Resolution: 1928 x 1088 pixels
- Lens: 2G4P + 1IR
- Video system: PAL/NTSC
- Viewing angle: VFOV: 80° / HFOV: 145°
- Video raw format: 1920 x 1080 RAW RGB
- Power supply: 10-36 V
- Power consumption: ≤ 10W
- Video output: 1080p
- Signal I/O: supports CAN, LED and buzzer
- Protection class: IP69K
- Operating temperature range: -40°C ~ +85°C
- Dimensions (WxHxD): 148 x 80 x 80 mm

- Scope of delivery:
 - ICA-MOIS1001 camera unit
 - Connection cable
 - Warning LED
 - Buzzer
 - GPS module

ECE-R159 Performance Test Result: PASS!

