



# ADA CAM 140P

For more safety when maneuvering





#### **IP 69K**

Designed for rough conditions, the camera is resistant to high-pressure cleaners according to protection class IP 69K.



#### Configuration via WiFi

The camera can be configured via any standard end device, such as tablet or cell phone via WiFi using the browser.



### **Vibration Resistance**

The camera withstands shocks of up to 5,9 G and has been tested and validated according to ISO 16750.3.



### **Detection Range**

The detection range of the camera is adjustable between 0,5 und 10m and can thus be adjusted perfectly to the respective requirements.

# Camera System with Person Recognition ADAS

The ADA CAM 140P provides HD images of critical areas around the vehicle. The integrated deep learning technology, detects pedestrians and cyclists. It sends out real-time audible and visual alerts and can be connected directly to standard monitors without the need for another control box. This leads to more safety when maneuvering.



## **HD Quality Images**

The camera for detecting pedestrians displays the areas around the vehicle in HD quality and reacts in less than 200ms even in the most varied lighting conditions.



### **Deep-Learning Technology**

The Al Camera detects pedestrians and vehicles in real time and warns the driver acoustically and visually. This active support improves awareness of the vehicle's surroundings, which can prevent colissions.

Our vision ... is safety!



#### Technical Data ADA CAM 140P

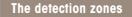
| Toolilloar Bala ABA OAM 1401 |  |
|------------------------------|--|
| Measurements (W x H x D)     | 95 mm x 70 mm x 60 mm                              |
| Weight                       | ca. 400 g  |
| Housing                      | Aluminum die casting salt restistant powder coated |
| Operating Temperature        | -20 °C bis +70 °C                                  |
| Operating Voltage            | DC 10 V - 32 V                                     |
| Power Consumption (12 V)     | 320 mA (without IR)                                |
| Video Format (W x H)         | 1920 x 1080 Pixel                                  |
| Video-Output                 | AHD:1.0 Vp-p / 75 Ohm                              |
| Protection Class             | IP 69K   |
| Sensor Resolution            | 1920 x 1080 Pixel                                  |
| Color Fidelity               | Automatic white balance                            |
| Vibration Resistance         | 5,9 G  |
| Aperture Angle               | 140°   |
| Light Sensitivity            | 0,1 Lux (Tag)<br>0 Lux (mit IR)                    |
|                              |  |

### **Pedestrian Detection**

The intelligent HD pedestrian detection system uses deep learning technology for intelligent and accurate pedestrian detection. It supports the detection of individual body parts such as head, arms and legs.

Pedestrians are also detected in body postures such as squatting or bending.





Three warning zones can be freely configured to warn of detected persons.

These can be transmitted as an overlay with the HD image of the camera. The depth of the individual zones can be adjusted. If required, the warning can also be reduced to one zone.

A warning box around the detected pedestrian can also be displayed.



#### Technical Data HD 7" Quad-View Color Monitor

| lechnical data HD / Quad-view Color Monitor          |  |
|--|--|
| 203 mm x 112 mm x 28 mm                              |  |
| 1.600 g  |  |
| ABC Plastics   |  |
| 1024 x 600 (RGB)                                     |  |
| up / down / left / right: 85° /<br>85° / 85° / 85°°  |  |
| Up to 4 Cameras simulta-<br>neously also PiP display |  |
| 4 Camera-Video Inputs                                |  |
| 600 cd / m <sup>2</sup>                              |  |
| 700:1  |  |
| IP 40  |  |
| -20 °C bis +70 °C, RH 90%                            |  |
| -30 °C bis +80 °C, RH 90%                            |  |
| 2,1 G  |  |
| 10 V – 32 V  |  |
| Max. 25 W  |  |
| Adjustable auxiliary lines available                 |  |
|  |  |





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