

Camera 1080P AI SIGN 130°

SKU

13340

SAFEDRIVING AI CAM is an advanced camera that uses real-time intelligence not only to distinguish people from other obstacles but also to warn the driver of potential hazards, including vehicles.

It is programmed to specifically alert drivers to collisions with people or other predefined object classes, while avoiding unnecessary warnings for irrelevant objects. This technology is crucial to ensuring the avoidance of collisions with humans, especially in confined driving situations.

In addition to protecting against hazards, **SAFEDRIVING AI CAM** is designed to operate reliably even in harsh environments and under varying conditions. Object detection is handled by the camera itself in a space-saving way, without the need for additional hardware or control units (ECU).

Its detection zones and warning systems can be customized to the specific vehicle, with the ability to send warning signals that not only alert the driver to hazards but also warn about other nearby vehicles.

Beyond the **Pedestrian Warning** and **Vehicle Warning** functions, **AI Sign** is one of the system's core features. By using advanced camera technology and artificial intelligence, AI Sign can automatically identify information signs and adjust the speed of vehicles, such as forklifts, in real time.

The system is both dynamic and intelligent, making it possible to adapt speed to the specific needs and risks in different parts of the facility. Together, these functions make **SAFEDRIVING AI CAM** a complete safety solution for modern vehicle environments.

Teknisk information



- **Anti-vibration:** ISO 16750-3 2012 (5.9G)
- **Detection Distance:** Front/side: 0.5–30 m (Horizontal), Rear: 0.5–20 m (Horizontal)
- **Power Consumption (12V IN):** 150 mA (IR light off), 700 mA (IR light on)
- **Power Supply:** DC 10V–32V
- **Frame Rate:** 25/30
- **Output Signal:** AHD (1.0Vp-p, 75 Ohm)
- **Resolution:** 1920x1080
- **Viewing Angle:** Front/side: 70° (Horizontal), Rear: 150° (Horizontal)
- **Audio Output:** Warning sound signal
- **Communication Interface:** USB 2.0 (for software upgrade)
- **Cable Length:** 3 m
- **Operating Temperature:** -20 ~ +70 °C
- **Storage Temperature:** -30 ~ +80 °C
- **Waterproof Rating:** IP69K
- **Dimension:** 95 x 60 x 70 mm
- **Weight:** 500 g
- **Housing Color:** Black
- **Output Mode:** AHD/CVBS/Fast Ethernet
- **Network Protocol:** RTSP/ISO17215