



## PEDESTRIAN PROTECTOR CAMERA AI382 AHD

Gatekeeper's Pedestrian Protector camera AI382 AHD utilizes Artificial Intelligence (AI) for advanced blind spot pedestrian detection. Integrated with Gatekeeper's 360-degree Surround Vision System SV12 v3 and Video Display Mirror or Display Monitors, it offers a panoramic view around the vehicle, alerting the driver to nearby pedestrians. The Pedestrian Protector camera utilizes an advanced AI algorithm which identifies pedestrians, ignoring non-relevant objects like street signs, trees, and vehicles. The camera records video up to 1080P resolution, which ensures clarity and accuracy while delivering excellent image quality.

# GATEKEEPER

## PEDESTRIAN PROTECTOR CAMERA AI382 AHD

## ARTIFICIAL INTELLIGENCE FOR BLIND SPOT PEDESTRIAN DETECTION



### KEY FEATURES

- Artificial Intelligence (AI) detects pedestrians in close proximity to the vehicle.
- Objects such as street signs, trees, lamp posts, benches, and other vehicles are not detected.
- High-Definition up to 1080P resolution.
- Yellow and red warning boxes indicate the proximity of pedestrians around the vehicle.
- Audio alerts configurable when pedestrian detected.

## PANORAMIC VIEW AROUND THE VEHICLE

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### TECHNICAL SPECIFICATIONS

RESOLUTION	Up to 1080P (1920 x 1080)
FRAME RATE	Up to 30 FPS
VIDEO OUTPUT	AHD (1.0Vp-p, 750hm)
VIEWING ANGLE	170° (Horizontal)
POWER SUPPLY	Powered by SV12 v3 Processor
WATERPROOF RATING	IP69K
OPERATING TEMPERATURE	-30°C to +70°C
STORAGE TEMPERATURE	-30°C to +80°C
COLOR OPTIONS	Black / White/ Yellow

### VIEW FROM THE PEDESTRIAN PROTECTOR CAMERA



**Right side view:** Pedestrians are identified by red bounding boxes

**Left side view:** 360-degree panoramic view for potential pedestrian hazards

- o Red warning boxes - pedestrians are within 10 feet away from the bus
- o Yellow warning boxes - pedestrians are 10 to 20 feet away from the bus