

## PEDESTRIAN PROTECTOR CAMERA AI382 AHD

Gatekeeper's Pedestrian Protector camera Al382 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

## **GATEKEEPER**

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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

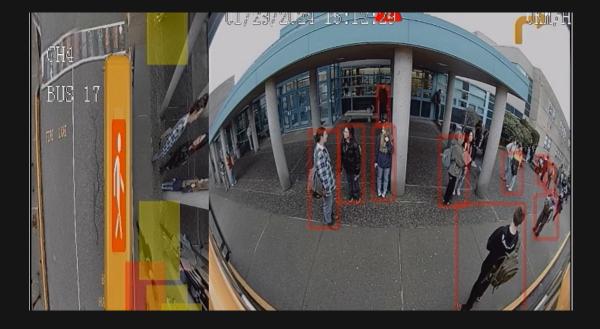
WATERPROOF RATING IP69K

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