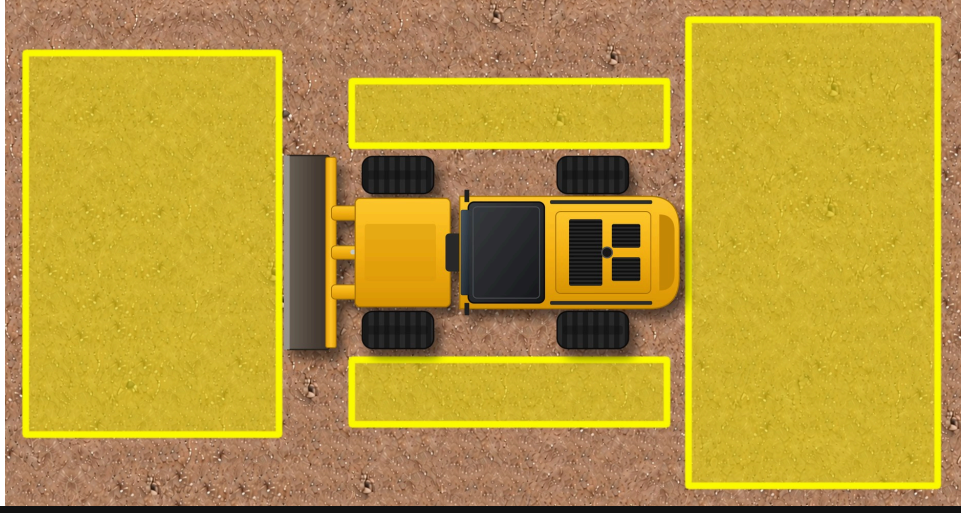
RioV360

AI Pedestrian Detection System

360° Detection and Onboard Video.

AI cameras build a curtain of detection around your machine and record every side, every shift.



Zones You Control
Size each camera's zone from 0 to 5 meters

Cab + Beacon Alerts
Operator and pedestrian warned at the same time

Onboard Video Recording
Up to 60 hours of 4-camera video onboard

Learn more at **RioV360.com**

DETECT. ALERT. RECORD.

Detection Zones You Control

RioV360 creates a curtain of pedestrian detection around the machine. Cameras watch the front, rear, left and right, and you decide how far each zone reaches.

1. **Set the Zones**
   Size each camera's zone from 0 to 5 meters to fit the machine and the work. Use a single red zone or graduated red, yellow and green zones.
2. **Alert the Operator**
   When a person steps into a zone, the in-cab monitor beeps and boxes the person on screen, so the operator knows where to look.
3. **Warn the Pedestrian**
   At the same moment, the external beacon flashes and sounds, warning the person on the ground to move clear.

Onboard Video Recording



All four cameras record continuously to a 256 GB high-endurance microSD card inside the monitor. No cloud, Wi-Fi or subscription required.

4 Cameras
recording at the same time

Event Clips
saved on every detection

View on Laptop
video saved in 15-minute files

Up to 60 Hours
of 4-camera video on 512 GB

How Your EHS Team Uses the Video

- ✓ **Incident Investigation**
  See what happened from all four sides, not just one person's account.
- ✓ **Near-Miss Review**
  Every detection saves its own clip, so close calls get reviewed and fixed.
- ✓ **Operator Coaching**
  Train with real footage from your own machines and your own site.
- ✓ **Damage Documentation**
  Show how equipment, structures, vehicles and materials were damaged.
- ✓ **Deliveries and Site Activity**
  Confirm what was delivered, moved or dropped, and when it happened.
- ✓ **Safety Meetings**
  Turn real moments into toolbox talks your crews remember.

+1 (520) 501-0602 | info@riodatos.com | riodatos.com