SENTINEL VISION A.I.

Use the latest in Artificial Intelligence & Pedestrian Recognition to keep personnel and machines safe.

Retrofit any machine with **Sentinel Vision A.I.** to change behaviours and avoid incidents and accidents.

Always vigilant and safer than a spotter.

Provides early warning and prompts the operator and pedestrian to move to a safe position.

Optional motion-stop provides a hard-engineered control at closer distances.

Early Warning & Prevention

Avoid Accidents Injuries & Fatalities

Avoid Costly Asset Damage

Change Behaviours Around Machinery

Configurable Zones & Distances

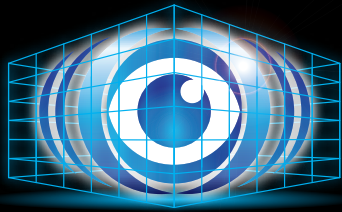Monitor Safety Performance & Reporting

Retrofit to Any Machine Type

No Need for Electronic TAGS

A.I. Pedestrian Recognition & Warning System

Maintain and Monitor Pedestrian Exclusion Zones

Reliable Alarms Change Behaviours

External Voice Alarms Notify Pedestrians of Hazardous Areas

In Cabin Alarms - prompt operators to stop, check & avoid incidents

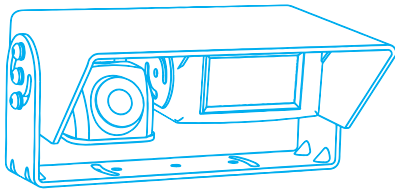Motion Stop Option - is an Engineered Control

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SENTINEL
VISION A.I.

Integrates seamlessly with **SENTINEL** range of products by **PRM Engineering**

Optional Radar Display

Pedestrian

Check Surroundings!

O-RIDE

esc   ok

Pedestrian Detected Warning for Left and Right Cameras

Pedestrian Detected

Check Surroundings!

esc   ok

Sentinel Vision A.I.

• A.I. Pedestrian Recognition & Warning System which is more vigilant and reliable than a human spotter.

• Sentinel Vision AI can be retrofitted to any machine to monitor Hazardous Zones for pedestrian detection and object collision avoidance.

• Pre-Warning and Voice alarms give the operator and the pedestrian the opportunity to take action, either by stopping the machine, or moving away safely

• Optional Motion Stop integration – Allows machine control if the operator or pedestrian fails to stop or move away safely.

• Customers report superior detection distance, low light performance, ruggedness and reliability of detection compared to older technologies.

• Detection zones are fully configurable to any shape by width and distance.

• Most machines use 2 cameras for rear blind spot detection – more cameras can be used on larger machines

Technical Specifications

Detection Type:
A.I. Recognition / Machine Learning

Input Voltage:
8V to 30V

Detection Distance:
Up to 12m*

Options:
Detection Event Triggered Video Recording, GPS Location, Data Logging & Push Notifications, Motion Stop, Remote Access & Software Update

*Environmental Complexity, Lighting Conditions, Camera Location

"The use of internal and external alarms to notify the pedestrian, results in behavioral changes and less risky behaviour around machines"

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