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SAFEYE

COLLISION AVOIDANCE SYSTEMS FOR MINING AND INDUSTRIAL MACHINES

Pedestrian and Machine safety

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Overview

SAFEYE is an advanced stereoscopic machine vision system that detects and differentiates between pedestrians, industrial machines like dump trucks, excavators, forklifts, cars, and other machines typically found on industrial sites.

With the most advanced artificial intelligence (AI) built in to **SAFEYE**, operational safety is improved while employees and stake holders acknowledges safety as a valued and important priority.

Environmental

- Wide temperature specification −40°C to +70°C

- Waterproof and dustproof (IP69K sensor, IP65 Display and Controller).

- Compatible with all types and brands of industrial vehicles (stacker and reclaimers, forklifts, wheel loaders, excavators, dumpers and front-end loaders).

Advantages

- No RFID tag or signalling device required.

- Low light sensitive camera with wide field of view

- Ultra-rugged design for harsh environments

- Multiple camera configurations and options for any type of machine installation.

- Customizable detection zones and three distance configuration zones.

Technical

Designed to operate in any harsh environment.

SAFEYE only generates alerts to operators when absolutely required. Thus avoiding distraction alerts which are not relevant.

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CLEARVIEW Optional Add-On Features

- Remote **video** monitoring
- Remote **SAFEYE configuration**
- **GPS position** monitoring of machines
- **Speed** monitoring of machines
- **Near-miss** monitoring of **pedestrians**
- **Near-miss** monitoring of **machines**

- **Berm** and Vidar detection monitoring
- **Void** - Stockpile detection
- **Connectivity** monitoring to **SAFEYE** sensors
- **SAFEYE** system health (including Dirty-Lens monitoring)
- Remote **software updates**

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CLEARVIEW

CLEARVIEW is a remote analytics dashboard for tracking the position of machines, measuring interactions between pedestrians, machines and objects.

CLEARVIEW offers a valuable online tool to improve safety and traffic management on an industrial site.

CLEARVIEW provides an easy and intuitive dashboard that allows you to monitor a complete fleet of industrial machines.

CLEARVIEW supports a complete alarm terminal to keep track of safety problems.

CLEARVIEW Features

- Remote **video** monitoring
- Remote SAFEYE **configuration**
- **GPS** monitoring of machines
- **Speed** monitoring of machines
- **Near-miss** monitoring of **pedestrians**
- **Near-miss** monitoring of **machines**
- **Berm** and Vidar detection monitoring
- **Void** - Stockpile detection
- **Connectivity** monitoring to SAFEYE sensors
- SAFEYE system health (including Dirty-Lens monitoring)
- Remote **software updates**

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