

DotNetix
making machines see

ARGOS

MAKING
MACHINES
SEE

ZERO HARM.
STAY SAFE,
STAY COMPLIANT.
SAFETY FIRST!
EVERYONE'S
HOME SAFETY.
SAFETY ENGINEERED FOR
RELIABILITY.
DESIGNED FOR
RELIABILITY.
SAVING LIVES
THROUGH AI.



**AI Collision Prevention Systems
for Mobile Machines**

Pedestrian and Machine Safety

The **DotNetix ARGOS AI Sensor** is an advanced intelligent sensor system designed to enhance safety and operational efficiency in various environments. Utilizing state-of-the-art artificial intelligence, the ARGOS AI Sensor is capable of detecting both people and machines with high precision, making it an invaluable tool for monitoring and managing complex operational areas.

ARGOS is an advanced machine vision system that warns the operator of pedestrians around machines.

Based on the technology of **SAFEYE**, **ARGOS** offers the most accurate pedestrian detection system for machines in harsh environments but specifically designed for handling machines and other smaller machines.

ARGOS integrates with **CLEARVIEW** to provide our customers with information on their site safety and hotspots associated with near-misses between machines and pedestrians.

The **DotNetix ARGOS AI Sensor** represents a significant advancement in intelligent sensor technology, offering robust solutions for safety and efficiency in various environments. Its ability to detect both people and machines, combined with an integrated pedestrian warning system, makes it an essential tool for modern safety management.

Features

No RFID tag required for pedestrians, reducing cost.



Low light sensitive camera with wide field of view.



Multiple configurations and options for any type of machine installation.

Features

- Surface mining
- Detection range 10 meters for pedestrians
- Detection range up-to 10 meters for machines
- Audible and visual warnings
- Multi-camera system
- Integrated night vision

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

Designed to operate in most harsh environments.

Technical



Applications

INDUSTRIAL SAFETY

Enhancing worker safety in factories, warehouses, and construction sites.

PUBLIC SAFETY

Ensuring pedestrian safety in transport hubs, campuses, and large public venues.

LOGISTICS AND WAREHOUSING

Monitoring personnel and vehicles in logistics centers to prevent accidents and improve operational efficiency.

FORKLIFTS AND LOGISTICS

Ensuring the safe operation of forklifts and other logistics machinery, reducing accidents in busy environments such as distribution centers and warehouses.

AIRPORTS

Enhancing safety and operational efficiency in runways, taxiways, and baggage handling zones.

MARITIME

Improving safety and security in ports, shipyards, and onboard vessels.

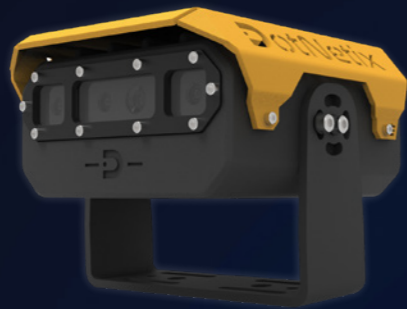
Key Features

- **Dual Detection Capability**
- **People Detection:** Accurately identifies human presence, distinguishing between individuals and groups.
- **Machine Detection:** Detects machinery and vehicles for comprehensive monitoring.
- **Pedestrian Warning System**
- **Audio Alerts:** Integrated audio warning system for alerting workers and machine operators of potential dangers.
- **Visual Alerts:** Flashing lights and other visual mechanisms to notify personnel of nearby hazards.
- **Real-Time Monitoring and Reporting**
- Provides real-time data and alerts for immediate response to potential safety issues.
- Advanced AI Algorithms
- Continuously analyzes video to ensure accurate and reliable detection of people and machines.
- Adaptable to various lighting conditions and environmental factors.
- Integration and Compatibility
- Seamlessly integrates with existing security systems and infrastructure.
- Compatible with various software platforms for easy installation and operation.

CLEARVIEW

- Remote video monitoring
- Remote software updates
- Remote ARGOS configuration
- GPS position monitoring of machines
- Speed monitoring of machines
- Near-miss monitoring of pedestrians and machines
- Connectivity monitoring to ARGOS sensors
- ARGOS system health (including Obscured-Lens monitoring)





SAFEYE



NCXEYE



**ARGOS
MOBILE**



ARGOS



CLEARVIEW

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SAVING LIVES
THROUGH

AI

Cutting edge technology
meets **unmatched safety**
for a secure tomorrow.