

ARGOS

AI Collision Prevention
Systems for Mobile Machines





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. Utilising 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 machine interactions in 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 large and small machines operating in harsh and/or congested environments.

ARGOS integrates with **CLEARVIEW** to provide 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.

ENVIRONMENTAL



Only generates alerts to operators and at-risk pedestrians when absolutely required. Thus avoiding distraction alerts which are not relevant.



Designed to operate in most harsh environments.

MAKING
MACHINES SEE

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.
- Detection range is < 15 meters for pedestrians and machines.
- Audible and visual warnings.
- Multi-camera system.
- Integrated night vision.
- **People detection**
Accurately identifies human presence and individuals.
- **Machine detection**
Detects machinery and vehicles for comprehensive monitoring.
- **Audio and visual pedestrian warning system.**
- **Audio alerts**
Integrated audio warning system for alerting workers, pedestrians, and machine operators of potential dangers.
- **Visual alerts**
Integrated visual warning system for alerting pedestrians and machine operators of potential dangers.
- Real-time monitoring and reporting.



BENEFITS

-  Provides real-time data and alerts for immediate response to potential safety issues.
-  Continuously analyses video to ensure accurate and reliable detection of people and machines.
-  Adaptable to various lighting conditions and environmental factors.
-  Integrates with SAFEYE.
-  Easy installation and operation.
-  Engineered for harsh environments.

APPLICATIONS

Industrial Safety

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

Public Safety

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

Logistics and Warehousing

Monitors personnel and vehicles in logistics centres to prevent accidents and improve operational efficiency.

Forklifts and Logistics

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

Airports

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

Maritime

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

Logistics and Warehousing



Forklifts and Logistics



Industrial Safety



Maritime



Public Safety



Airports



ARGOS LITE

ARGOS Lite offers an affordable pedestrian and operator warning system to prevent accidents.

This product has audible and visual pedestrian warning system. ARGOS Lite works best for forklift and open frame machines and is integrated with ARGOS.



CLEARVIEW

Safety Trends, Analytics,
and System Health Information

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



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SAVING LIVES
THROUGH

AI

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

SAFEYE



CLEARVIEW



NCXEYE



EDGEYE



NIGHTEYE



ARGOS



ARGOS
LITE



ARGOS
MOBILE

