



ELOvision

AI-Camera-Based Forklift Safety and Collision Avoidance System

ELOvision is a next-generation, tagless AI safety system that prevents forklift incidents in real-time by automatically detecting pedestrians and slowing down vehicles in high-risk zones.

AI-Powered Vision for Safer Warehouses

ELOvision's AI camera is one of the most compact yet feature-rich solutions on the market, offering:

- **Real-Time AI Detection** → Instantly identifies pedestrians and minimizes false alerts.
- **Automatic Backlight Compensation** → Reliable detection even in low-light conditions.
- **Customizable Alert Zones** → Adaptable to any warehouse layout for optimized safety coverage.
- **Built to Last** → Rugged, industrial-grade design withstands harsh environments and high-pressure cleaning.
- **Ultra-Fast Response** → Edge processing reduces latency, ensuring immediate safety actions.
- **Future-Ready Integration** → Designed for seamless compatibility with UWB proximity detection and fleet telematics.
- **Wide Viewing Angles** → 140° horizontal, 70° vertical field of view for maximum visibility.

Integrated Solutions for Enhanced Safety and Forklift Telematics

At ELOKON, customer feedback drives innovation. In response to growing demand, ELOvision seamlessly integrates with our other industry-leading solutions:

ELOshieldAI. Dual-layer safety: AI-powered detection + UWB proximity alerts for ultimate pedestrian protection.

ELOfleetAI. Intelligent fleet management: Merges real-time AI safety with advanced telematics to optimize warehouse operations.



Components of ELOvision:

- **AI Camera:** Compact yet powerful, designed to fit any forklift or warehouse layout with minimal installation effort.
- **Split-Screen Monitor (Optional):** Real-time visual feedback for forklift operators to improve situational awareness.
- **Intelligent safety control:** Activates directional cameras, automates truck slowdown, and connects seamlessly to web-based analytics.
- **ELOfleet Insights SW (Optional):** 24/7 real-time analytics on near-miss incidents and safety events to enhance risk management.
- **QR-Code Recognition (Optional):** Automates forklift speed reduction in designated zones, boosting warehouse efficiency and safety.

Why Choose ELOKON?

ELOKON is a trusted partner to 1,000 companies worldwide, offering:

- **Universal Compatibility** → Works with any forklift brand for effortless integration.
- **Proven Industry Leader** → The widest safety & telematics portfolio in the market.
- **Global Support Network** → Offices in the USA, Germany, and Poland for world-class service.
- **Relentless Focus on Safety & Efficiency** → We engineer future-proof solutions that minimize risk and maximize productivity.



Learn more about ELOvision

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