FIRE AND SMOKE DETECTION

Fire & Smoke Detection by VisionAery

VisionAery's cutting-edge Fire and Smoke Computer Vision and AI technologies are designed to automatically monitor areas at risk for fire and smoke incidents. It accurately detects and quantifies the pixel area of fire and smoke, allowing precise identification of various fire events. Real-time alerts are sent to operators and emergency responders, ensuring a faster response to minimize damage.

Early Thermal Fire Detection by Flir

FLIR's early fire detection solutions use thermal imaging technology to monitor for temperature anomalies, identifying hot spots before fires ignite. This system is ideal for industrial environments such as warehouses, combustible piles, and fuel storage facilities, where the risk of fire is high. The cameras provide continuous monitoring and can trigger automated fire-fighting systems to mitigate risks.

Flir and VisionAery Combined Solution

VisionAery and FLIR are collaborating to deliver a cutting-edge fire and smoke detection solution that leverages both thermal and visual spectrum technologies. By integrating VisionAery's advanced computer vision analytics with the FLIR FH Series R camera, which offers precise thermal imaging, the solution enables rapid detection of fires and smoke. This dual-spectrum approach enhances detection speed and accuracy, making it particularly valuable in high-risk environments such as industrial sites, where early intervention is critical for safety and damage prevention.

www.visionaery.com   www.flir.com/instruments/early-fire-detection

Key Features

Dual-spectrum imaging (thermal and visual).

Early fire and smoke detection capabilities.

High sensitivity to temperature anomalies for early fire prevention.

Continuous monitoring in real-time.

Automated alert system for immediate response.

Enhanced detection accuracy in challenging environments.

AI-powered analytics for rapid decision-making.

Reliable performance in low visibility and harsh weather conditions.