



FIRE & SMOKE AI



Disrupting Conventional Fire Detection With Computer Vision A.I

In today's rapidly evolving world, the protection of lives, property, and resources is of paramount importance.

One critical aspect of this protection is the early detection of fire and smoke incidents. Fires can escalate rapidly, leading to catastrophic consequences if not identified and addressed promptly.

Traditional fire detection methods often fall short in terms of timely and accurate identification, putting lives and valuable assets at risk. This calls for the development and implementation of advanced AI-assisted technologies to revolutionize fire detection systems.

Innotec's ADA – Fire & Smoke AI utilize existing CCTV cameras WITHOUT the use of expensive GPU to reliably detect fire & smoke.

Existing Method to Detect Fire & Smoke

- Smoke Detector
- Alarm System
- Fire Sprinkler
- Expensive Fire Detection Cameras



To address this critical issue, an AI-powered fire detection system is proposed, capable of not only accurately detecting the presence of fire and smoke without the need to change existing CCTV cameras or add expensive backend GPU.

By harnessing the capabilities of advanced machine learning and computer vision techniques, this system aims to significantly reduce false positives, minimize detection latency, and provide actionable insights to stakeholders for effective decision-making.

ADA is PLUG & PLAY. Works on EXISTING surveillance system and hardware.



Integration

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ADA Fire & Smoke Schematic

Existing CCTV Cameras



ADA Video Streamer



- On Premise Supported
- Off Premise Supported



Fire & Smoke Incident Created



Audio Alert From ADA



Alert Key Stakeholders

