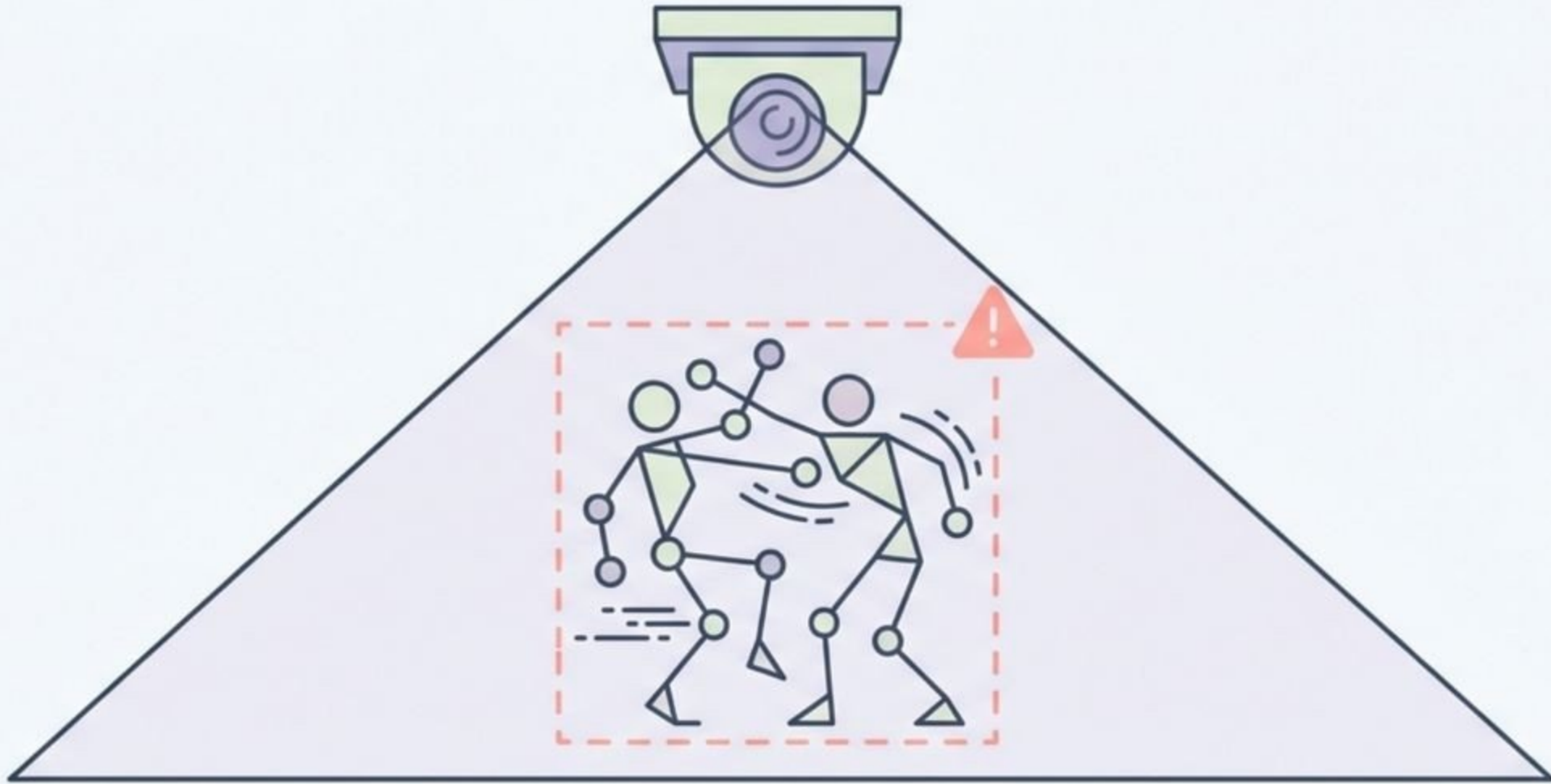


Fight Detection

Advanced AI Analytics for Real-Time Violence Recognition



Overview

A specialized AI feature designed to analyze and distinguish fighting behavior from other physical contacts.



The Trigger

Distinguishable punching or kicking gestures.



The Filter

Ignores hugs and handshakes.

Analyzes interaction between two or more people.
Recommended Setup: Full-screen detection area for maximum coverage.
Outcome: Automatic alarm triggering upon detection.

Features



- Analyze and distinguish fighting behavior from other physical contacts (hugs, handshakes).



- Detect distinguishable punching or kicking gestures within reach of another person.



- Detect fighting involving two or more people simultaneously.



- Trigger automatic alarms when a fight occurs.

Architectures



Visual Event
(2+ People)



AI Analysis
(Distinguishes
Kicks/Punches)



Automatic
Alarm Trigger

Detection requires full-screen monitoring coverage.

Applications

Schools



Handle bullying and reduce risk of injuries among students.

Public Areas



Early detection of anonymous attacks to assist law enforcement arrival.

Correctional Facilities



Rapid response to inmate violence to prevent escalation.

Solutions



Event Handling

- [✓] Video Pop-up
- [✓] Sound Alert
- [✓] Email Notification

Compatible with ACTi ZNR-series NVRs or Windows-based NVR 3 servers.

Hybrid Capability: Latest ZNR-series NVRs feature built-in Fight Detection.

Value Prop: Enables use of regular surveillance cameras (without built-in AI) by offloading processing to the NVR.

Product Introduction



Product Type	Model	Key Features
Standalone Server / NVR	ZNR-224	Built-in Fight Detection (Server-side AI). Supports regular cameras without AI.

Summary



Precision: AI accurately distinguishes violence from friendly contact (hugs/handshakes).



Flexibility: Deploy via AI cameras or centralized ZNR-series NVRs.



Safety: Critical for reducing injury risk in schools and public spaces.



Integration: Seamless event handling via video pop-ups and email alerts.



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