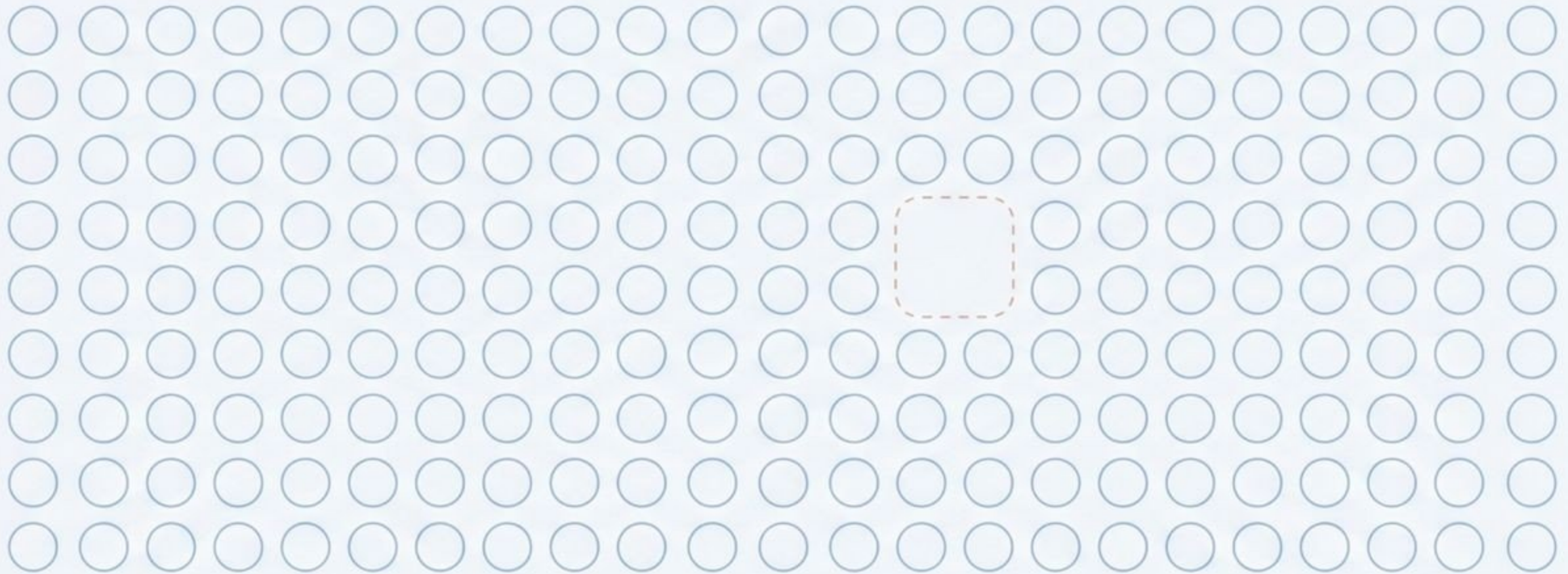


Absence Detection

Automated Supervision for Security and Business Continuity

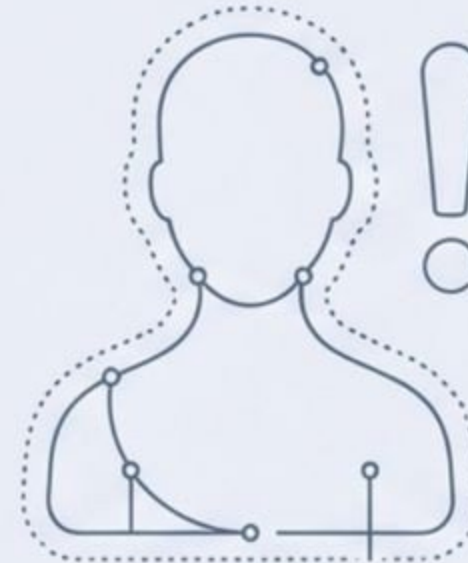
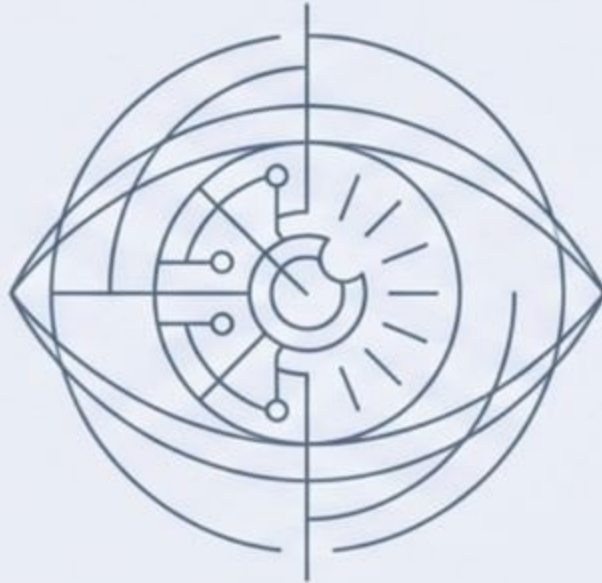


Overview

Defining the Standard for Automated Presence Monitoring

What is Absence Detection?

The surveillance system's ability to detect missing employees in designated areas using automatic AI-based video analytics.

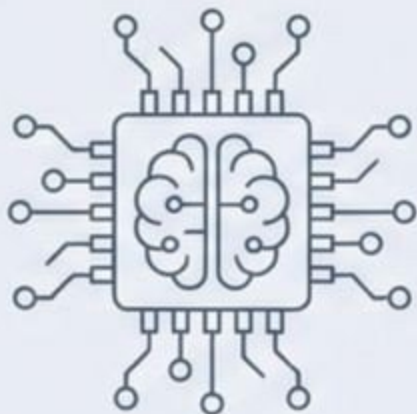


The Operational Value

Allows supervisors to respond to the situation immediately, thereby resolving business impacts or security risks.

Features

Customizable Logic for Precise Monitoring



AI-Based Analytics

Utilizes automatic video analytics to monitor specific zones without manual oversight.



Customizable Parameters

- **Person Count:** Configure the minimum number of people required.
- **Time Thresholds:** Define the duration of time allowed for absence.

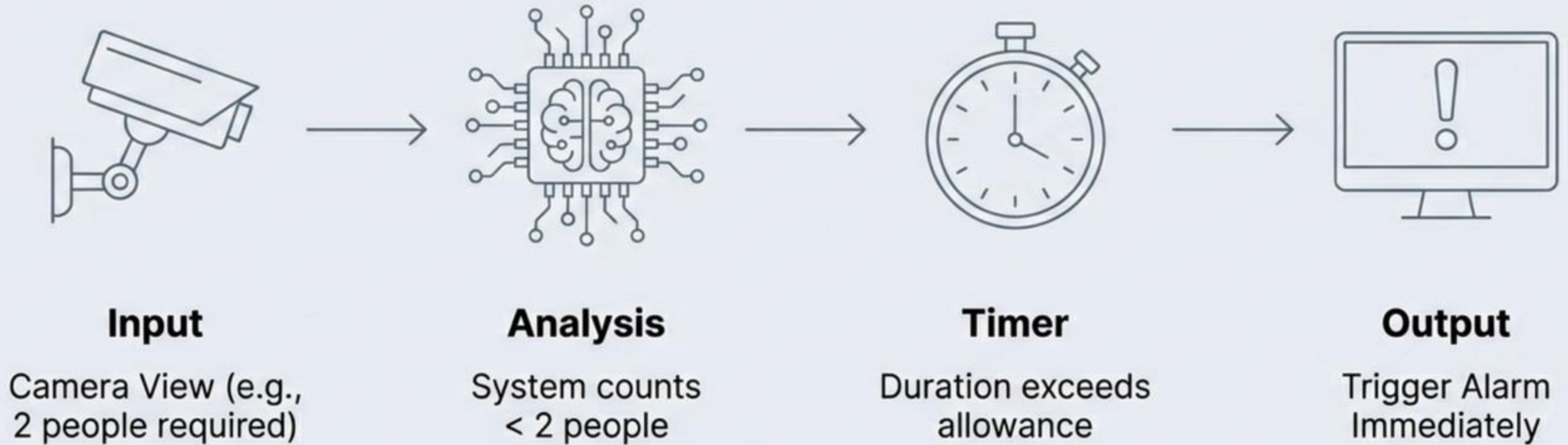


Real-Time Trigger

Immediate alarm generation the moment the count drops below the threshold for the specified duration.

Architectures

From Optical Input to Actionable Alarm



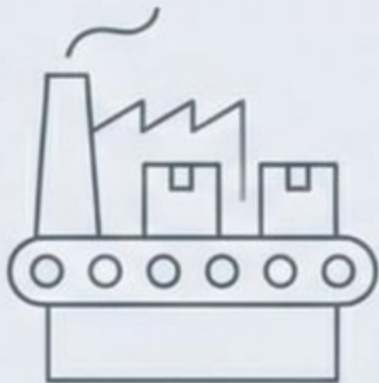
Applications

Critical Use Cases for Security and Operations



Security Management

- **Context:** Guard posts, Airport checkpoints.
- **Risk:** Missing officers create serious security vulnerabilities.
- **Outcome:** Automatic alerts enable immediate supervisor response.



Business Management

- **Context:** Factory lines, Retail counters, Reception desks.
- **Risk:** Interrupted production flow and lost customer sales.
- **Outcome:** Optimizes staff availability and customer experience.

Solutions

Integration & Event Management



Compatible Systems

Works seamlessly with ACTi ZNR-series NVR or Windows-based NVR 3 servers.



Event Handling

VMS executes actions upon detection:

- Video Pop-up
- Sound Alert
- Email Notification



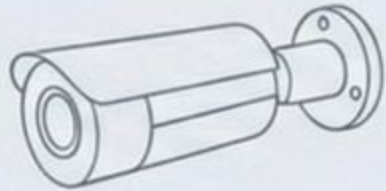
Server-Side AI

Latest ZNR-series NVR servers feature built-in Absence Detection, enabling standard (non-AI) cameras to utilize advanced analytics.

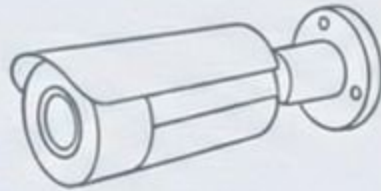
Product Introduction

Hardware Matrix: Product Type & Series

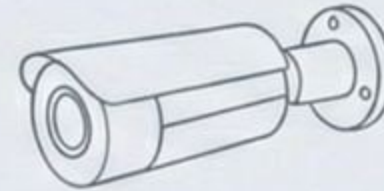
Bullet Cameras (Edge AI)



A427: 4MP
Zoom Bullet

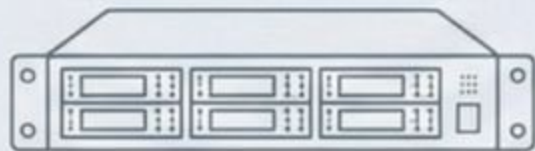


A428: 4MP
Zoom Bullet



A429: 4MP
Zoom Bullet

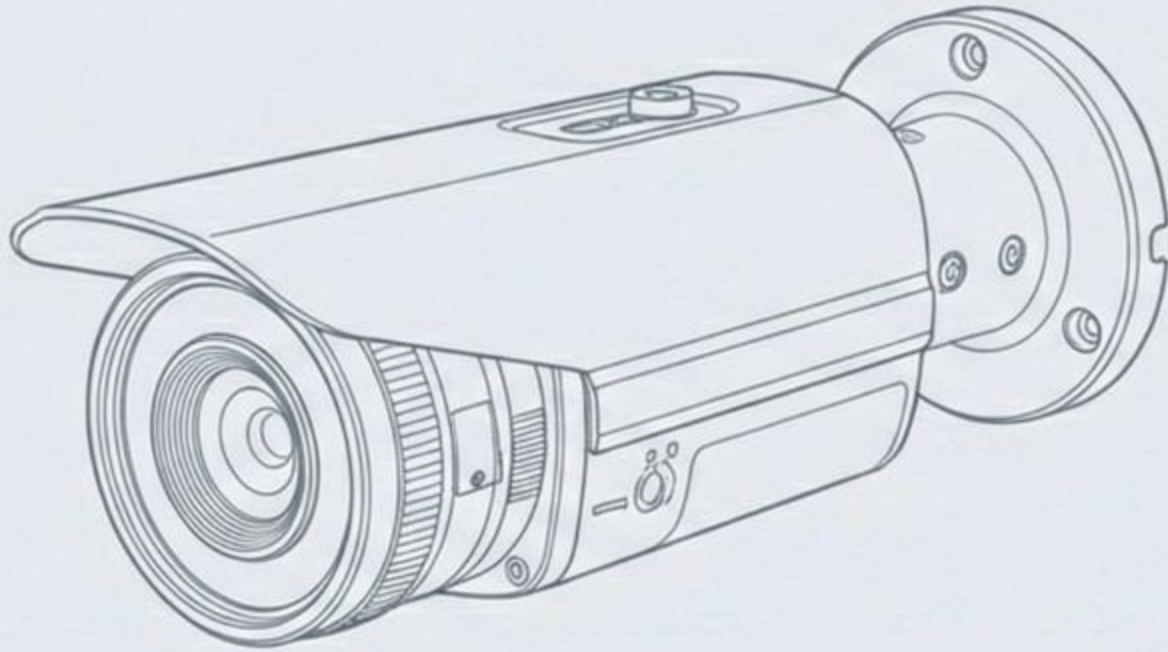
Standalone Servers (Server AI)



ZNR-224: NVR Server with AI capabilities

Product Introduction

Comparison & Key Specifications



Shared Specifications (Models A427, A428, A429)

Resolution

4MP High Definition

Optics

4.3x Optical Zoom

Visibility

Day / Night with Adaptive IR

Lighting Tech

Extreme WDR & Extreme Low Light Sensitivity

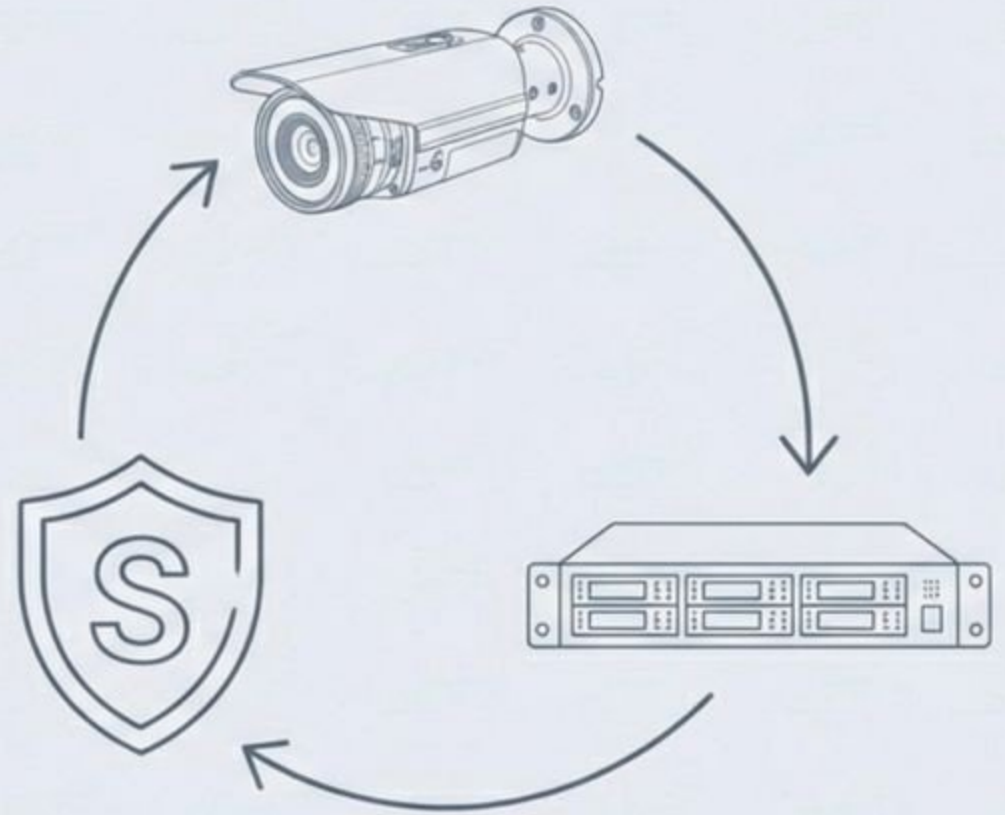
Intelligence

Built-in Analytics (Edge AI)

Summary

The Complete Automated Supervision Solution

- **Define:** Detects when fewer people than required are present in a designated area.
- **Configure:** Flexible 'Person Count' and 'Time Duration' parameters.
- **Deploy:** Available via Edge AI (A400-series) or Server-Side AI (ZNR Series).
- **React:** Immediate VMS actions (Pop-ups, Email, Sound) ensure business continuity.



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