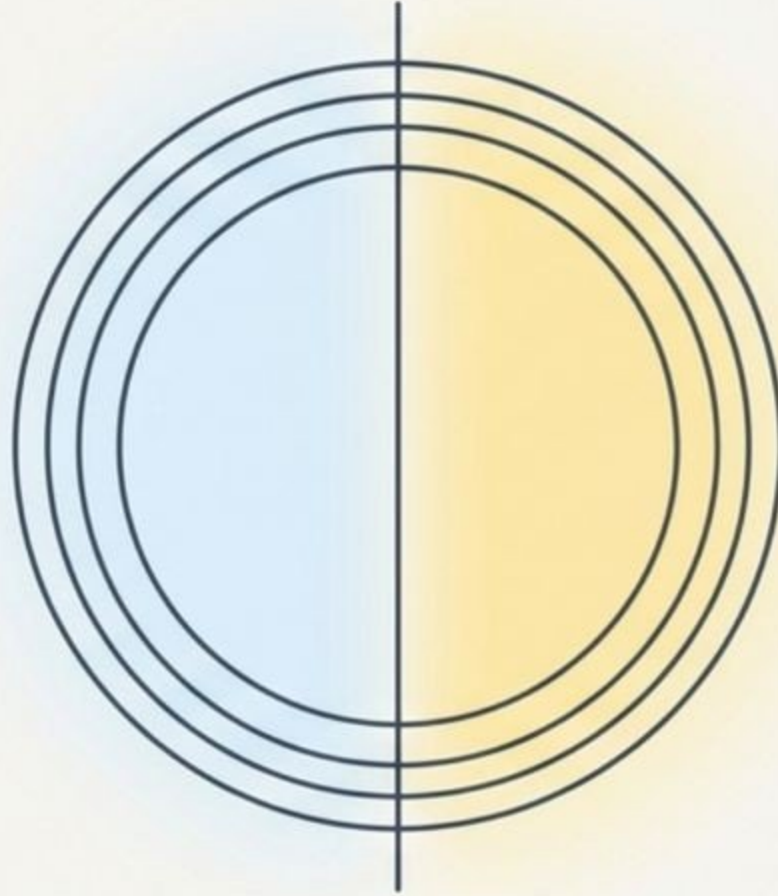


Smart Dual Light



The most secure night time surveillance using both IR and White LED with smart control.

Overview



IR LED (Standard Night Mode)



AI Object Detection



White LED (Active Mode)

What is Dual Light?

Cameras containing both IR LED (invisible night vision/grayscale) and White LED (visible spectrum/full color) as built-in illuminators.

What is Smart Dual Light?

An intelligent feature where built-in AI analyzes the scene. It automatically switches from IR to White LED only when significant objects (people or vehicles) are detected to capture color evidence.

Features

Hybrid Illumination: Integrates both IR and White LED illuminators.



AI-Driven Control

Built-in AI analyzes objects to trigger lighting changes automatically.



Smart Deterrence

White LED activates upon intrusion to deter suspicious activity.



Color Evidence

Captures full-color details (clothes, vehicle color) only when significant objects are present.



Stealth Monitoring

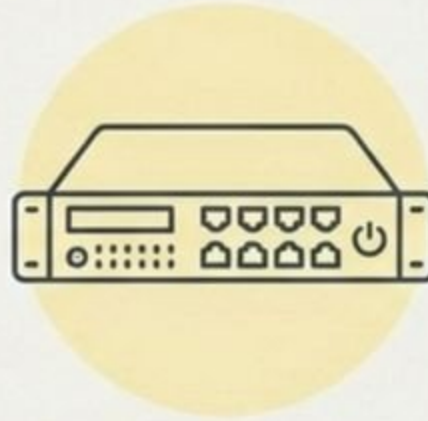
Remains in invisible IR mode when no threat is detected.

Architectures



Smart Dual Light Camera

- Edge Processing (AI + Light Control)



NVR / Network Switch

- High-quality video transmission



Control Center / CMS

- Centralized management & alarms

Scalability: Fully compatible with ACTi NVR systems and CMS for centralized management of alarms and video evidence.

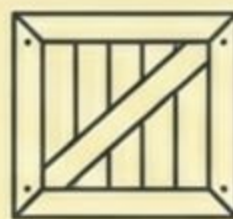
Applications



Perimeter & Residential

Scenario: Fences, back entrances, driveways, HOAs.

- Deterrence: White LED acts as a spotlight to scare off intruders.



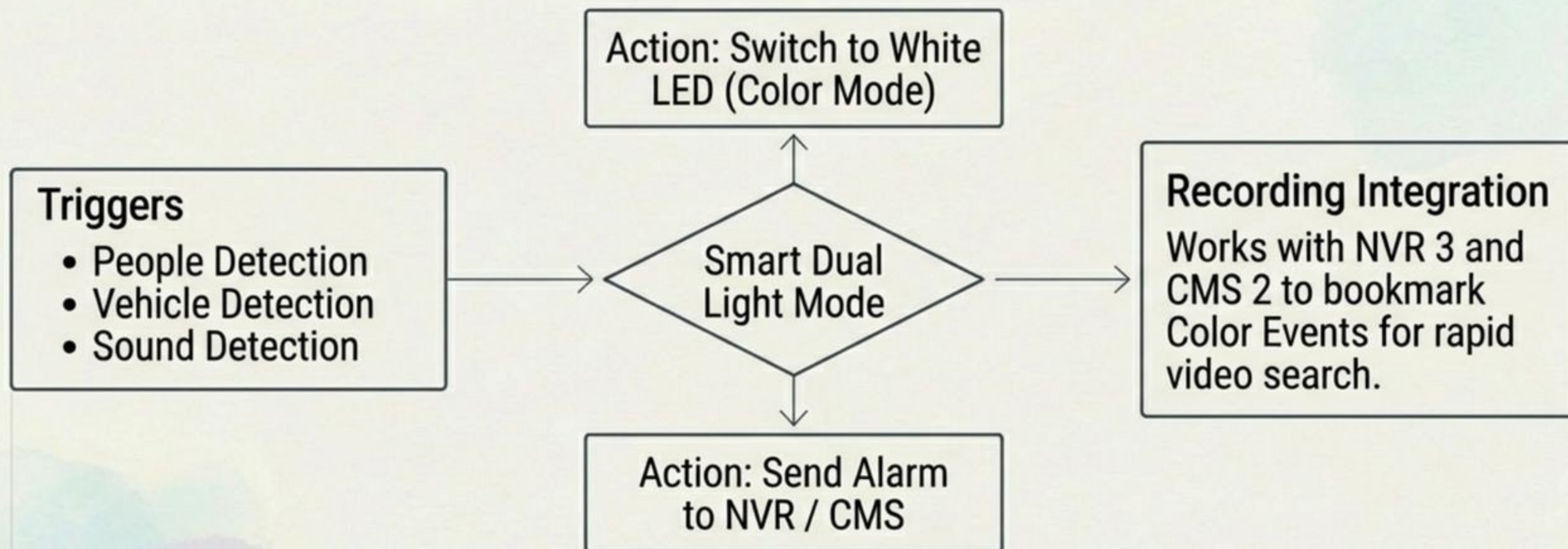
Retail & Warehousing

Scenario: Loading docks and restricted zones.

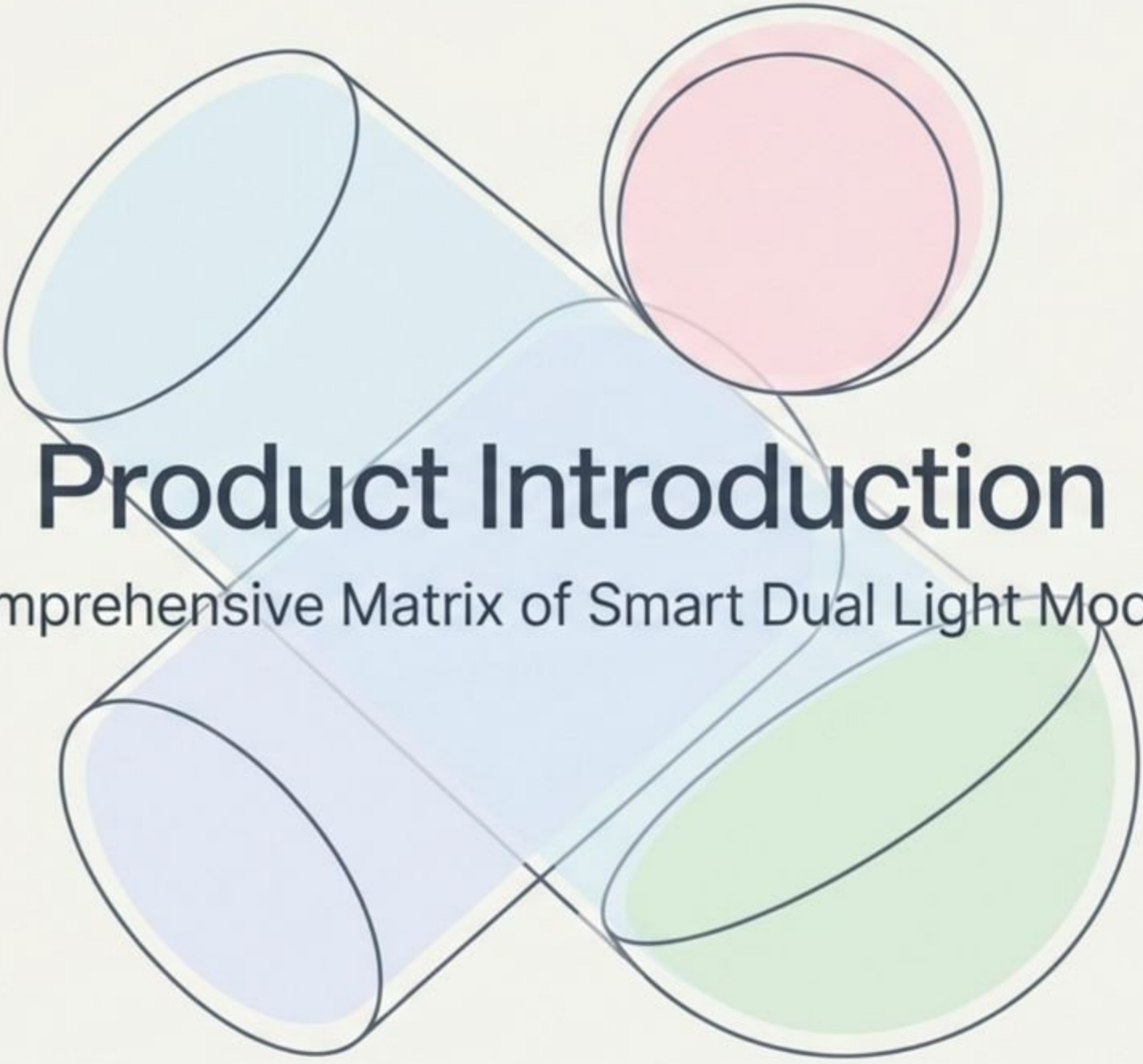
- Evidence: Capture clear color details of clothing or vehicle make.

The Smart Advantage: Use White LED to deter intruders or capture color evidence that IR cannot provide.

Solutions



Configuration Flexibility: Choose Mode A (Always On) or Mode B (Event-Based Smart Dual Light).



Product Introduction

Comprehensive Matrix of Smart Dual Light Models

Product Introduction

Product Matrix



Bullet Cameras

Fixed: L31 (2MP), L33 (6MP), Z330 (2MP), Z322 (4MP), Z325 (8MP).
Zoom/Special: L41 (Zoom), L43 (Zoom), Z429 (Zoom), A374 (Thermal/AI).



Turret Cameras

Standard: Z510 (2MP), Z511 (4MP), Z512 (5MP), Z56 (8MP).
Special: Q550 (8MP, 180° Panoramic), A570 (Thermal).



Dome Cameras

Fixed: L71 (2MP), L73 (6MP).
Zoom: L81 (Zoom), L83 (Zoom), Z818 (8MP Zoom).



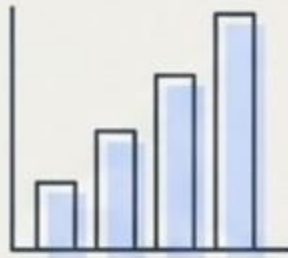
PTZ Cameras

A966 (2MP, 33x Optical Zoom), A967/A967B (5MP, 33x Optical Zoom).

Product Introduction

Comparison

Resolution & Clarity



Range from 2MP (L31) to 8MP (Z325, Z56).

Choose higher resolution for forensic detail.

Lens Flexibility



Fixed Lens: Wide area coverage (L31, Z322).

Optical Zoom: Long distance identification (A966 offers 33x Optical Zoom).

Specialized Tech



Thermal Fusion: A374, A570 for heat detection.

Panoramic: Q550 for 180° wide views.

Summary

01

Smart Control

Automates the transition between stealth (IR) and evidence (Color) based on real-time need.

02

AI Precision

Analyzes scenes to detect People and Vehicles, reducing false activations.

03

Complete Lineup

A wide range of resolutions (2MP–8MP) and form factors (Bullet, Turret, Dome, PTZ) to suit any installation.

Contact Us

Website: www.acti.com

Email: sales@acti.com

Phone: +886-2-2656-2588 / +1-866-410-ACTi (2284)

Support: Customer Helpdesk & Project Registration available online.

Call to Action: Register today for Member-Exclusive Pricing and Project Protection.

