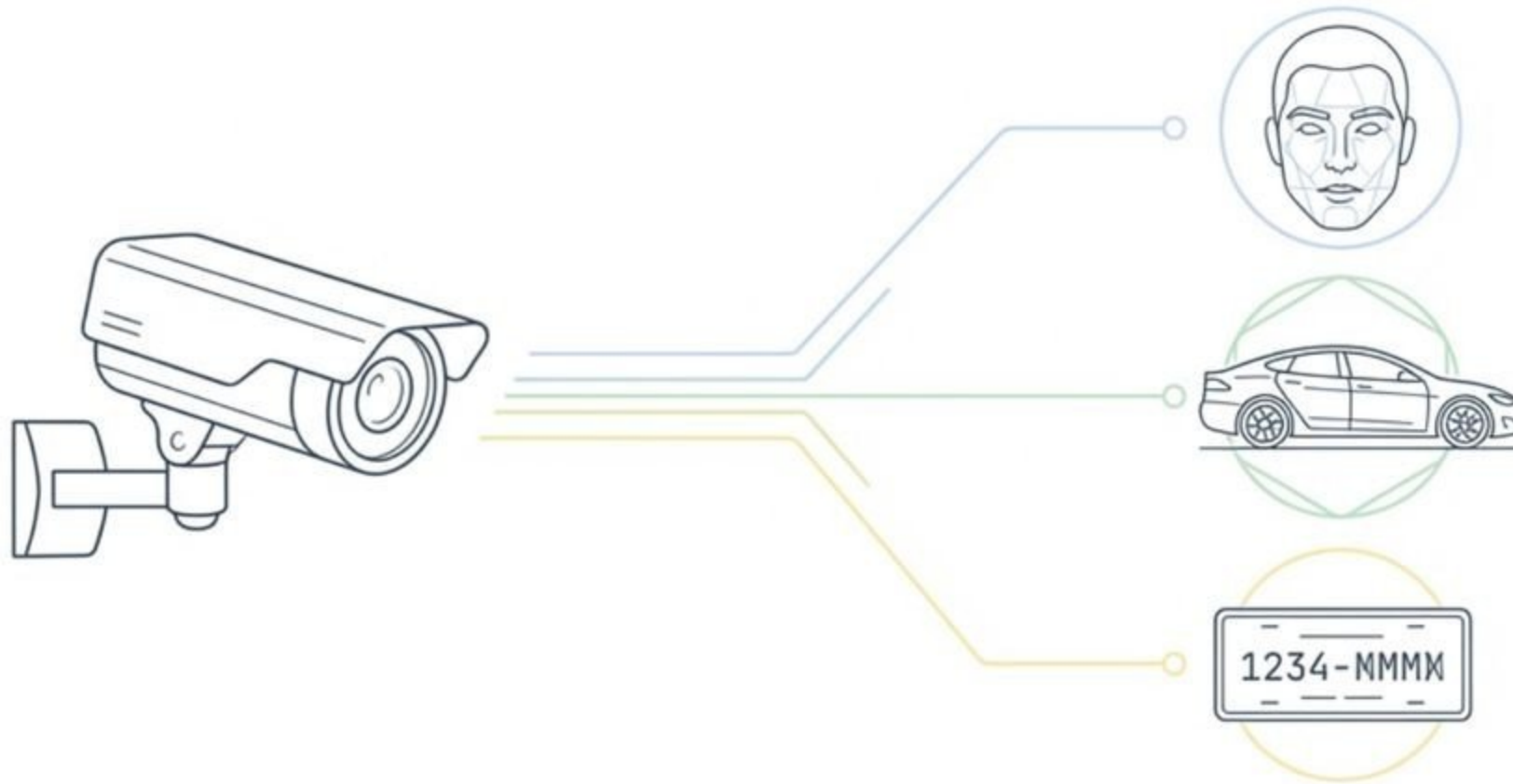


AI Cameras

Deep-learning edge analytics for people and vehicles;
high accuracy, low latency, no server licenses.



Overview

The Architecture Shift

Traditional



Heavy Processing



ACTi Edge AI



Smart Metadata



The ACTi Difference

- **Deep Learning Edge AI:** Processing happens inside the camera.
- **Cost Efficiency:** 10x lower VMS costs. No server-side analytics licenses.
- **Performance:** Low latency. Instant PTZ tracking triggers.
- **Scalability:** One server manages hundreds of AI channels.

Scope: Available in PTZ, Zoom Bullet, Zoom Dome, and Multi-Imager models.

Features



- Deep learning AI camera models
- No AI license required
- Face Recognition
- Automatic License Plate Recognition

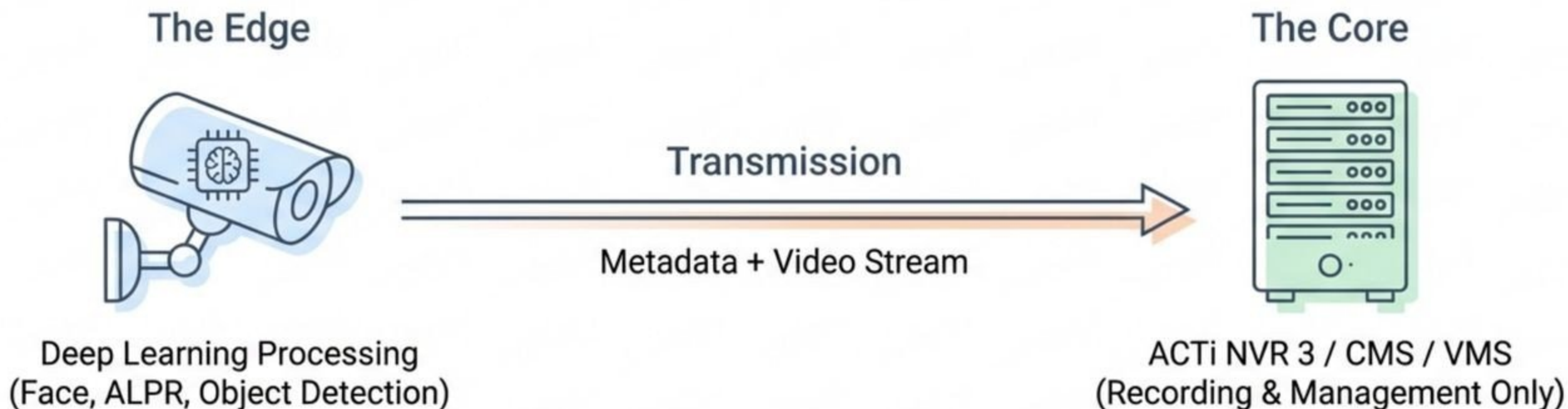


- People and Vehicle related analytics
- Resolution up to 20MP
- IR Distance up to 250 meters
- Frame rate up to 120fps (2MP mode)



- Anti-Corrosion and Anti-Explosion models available
- Compliance: NDAA, TAICS and more
- Types: PTZ, Zoom Bullet, Zoom Dome, Multi-Imager

Architectures



Key Insight: VMS video recording functionality is much better secured when the VMS does not have the burden of running the analytics.

Applications

Education & Commercial



- Features: Face Recognition, ALPR.
- Use Case: Instant identification of blacklisted persons/vehicles. Access control and campus security.

Traffic & Public Spaces



- Features: Vehicle/People Detection, Wrong-way Detection.
- Use Case: Safety in pedestrian zones. Detecting people on highways. Traffic jam alerts.

Restricted Zones



- Features: Intrusion, Crowd, Loitering Detection.
- Use Case: Early response to fights, criminal activity, or unwanted behavior.

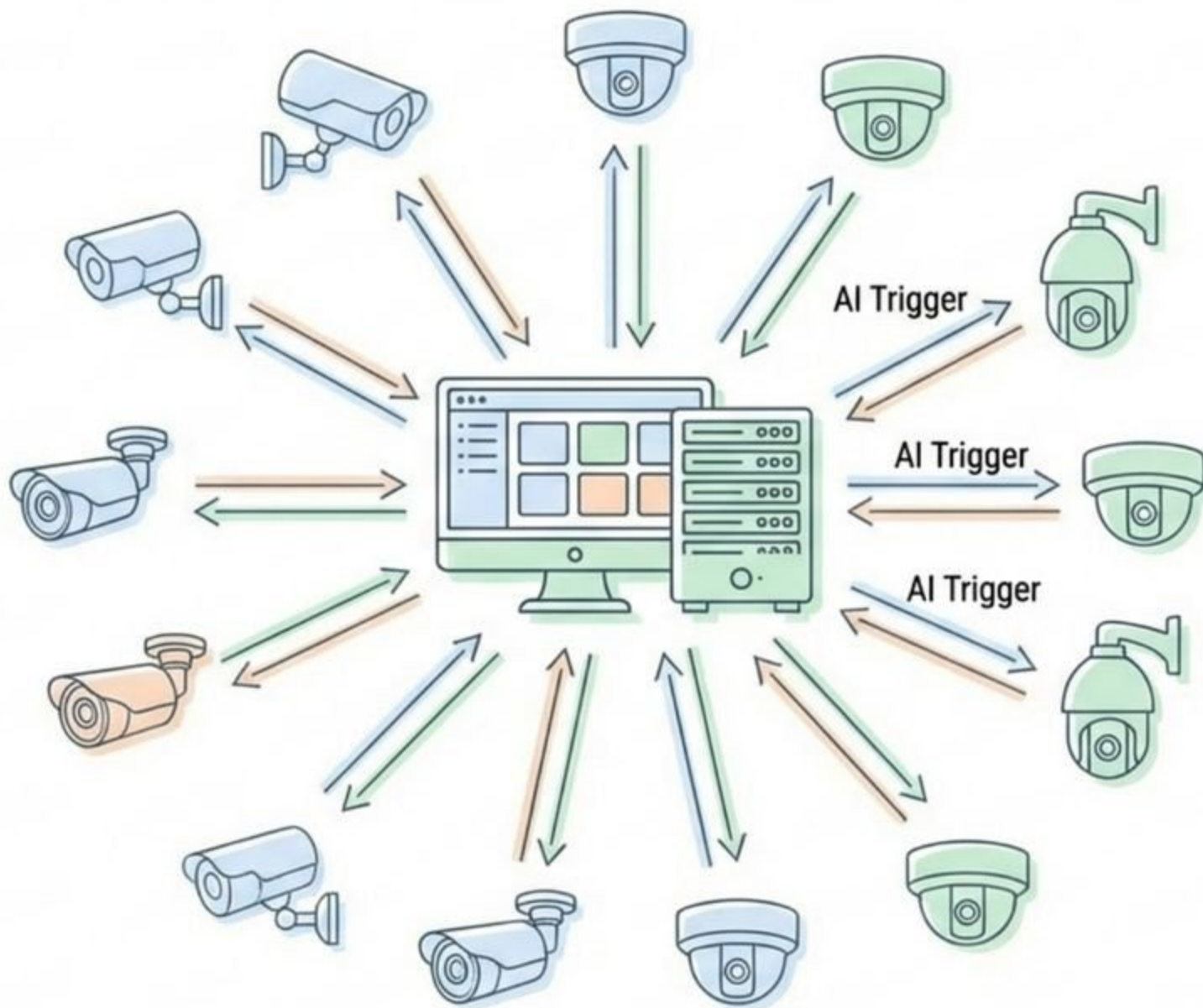
Solutions

Software Integration

- ACTi NVR 3 & CMS: Seamless recording and management.
- Scalability: Connect 100s or 1000s of AI cameras to a single system.

Hardware Integration

- Standalone NVR Servers: Dedicated hardware for worry-free management.
- PTZ Linkage: AI cameras trigger nearby PTZ units for instant tracking.



Product Introduction

Comprehensive Product Matrices and Comparisons

Dynamic Iconography



Bullet



Dome



Turret



PTZ



Box



Fisheye



Multi-Imager

Product Introduction

Box, Hemispheric & Multi-Imager



Zoom Box

Model: A214

Specs: 5MP, 40x Zoom,
Extreme WDR (150 dB)

Analytics: Face, ALPR,
Auto Tracking



Hemispheric

Model: A711

Specs: 12MP, 360° Fisheye,
Extreme WDR (135 dB)

Analytics: Counting, Auto
Tracking, Outdoor



Multi-Imager

Q711: 8MP, 2-Sensor Dome,
Superior WDR (120 dB)

Q550: 8MP, 2-Sensor 180° Turret,
Extreme WDR (130 dB)

Q84: 20MP, 4-Sensor 360°
Dome, 5x Zoom, Extreme
WDR (130 dB)

Product Introduction

Turret Series

Fixed Turret		
2MP	Z510	Smart Dual Light
	Z78	Superior WDR
4MP	Z511	Superior WDR
	Z54	Extreme WDR
	Z722	
5MP	Z512	Extreme WDR, Smart Dual Light
	Z53	
8MP	Z56	Extreme WDR, Smart Dual Light

Zoom Turret	
8MP	Z64 4.3x Zoom Extreme WDR

Thermal Turret	
4MP	A571 Series A571 A571-P1 A571-P2

Features Superior Low Light Sensitivity, Smart Intrusion Protection

Product Introduction

Bullet Series - Fixed & Thermal



Fixed Bullet

2MP	Z316, K31, L31, Z330
4MP	Z317, K32, A313 (150dB WDR), Z324
5MP	Z315, K33, Z319, Z332
6MP	A314, L33 (150dB WDR)
8MP	Z318, Z325



Thermal Bullet

4MP	A374, A375, K371, K372 Series Deep Learning, Superior WDR, Smart Intrusion
5MP	A376, A377 Series

Product Introduction

Bullet Series - Zoom

Resolution	Zoom Ratio	Models	Key Specs
2MP	4.3x / 10x	A220, K41, L41, Z415	Extreme WDR
4MP	4.3x / 5x / 22x	A427, A428, A429, A422, Z411	A427/A428 feature Face/ALPR/Behavior Analysis
5MP	4.3x / 5x / 12x	Z419, A410, Z416	Extreme WDR
6MP	4.3x / 5x	L43, A423	-
8MP	4.3x / 5x	Z47, Z429	Superior/Extreme WDR

Product Introduction

Dome Series - Fixed 

Resolution	Models & Features
2MP	Z914 (Indoor), L71 (Outdoor)
4MP	A76 (Extreme WDR 150dB), Z721, Z724 (Vibration proof)
5MP	K73, Z912 (Adaptive IR)
6MP	A77 (Extreme WDR 150dB), L73
8MP	Z714, Z913 (Superior Low Light)

Range includes Vandal proof (IK10) and Weatherproof (IP68) options.

Product Introduction

Dome Series - Zoom 

Resolution	Zoom	Models
2MP	4.3x	K81, L81
4MP	4.3x / 5x	Z813, K82, A820 (150dB WDR)
5MP	4.3x / 5x	Z819, A810
6MP	4.3x / 5x	L83, A821
8MP	5x	Z818 (Smart Dual Light)

Analytics Available: Smart Motion Detection, Intrusion Protection, Object Metadata.

Product Introduction

PTZ Series

2MP A966 (33x) A956 (40x, 150dB WDR)	4MP Z952 (25x) Z957 (33x)
5MP Z972 (Indoor 5x) K952 (25x), A967 (33x) K953 (33x), A955 (40x) K954 (42x)	8MP A952 (22x) A962 (36x)

Capabilities: Auto Tracking, Face Recognition, ALPR (A956/A952), Extreme WDR up to 150dB.

Product Introduction

PTZ - Positioning Systems & Specialty



PTZ Positioning Systems

2MP:
Q990 (45x Zoom, 400m IR)

4MP: Q991 (41x),
Q981 (56x, Laser 800m),
Q982 (60x, IR 2000m)

8MP:
Q992 (41x, Laser 1000m)

Thermal PTZ

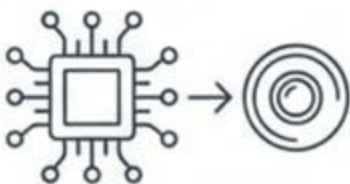
Model A973: 4MP, 32x Zoom, Thermal

Multi-Imager PTZ

Model K9001: 32MP, 42x Zoom, 500m IR

Summary

01



Comprehensive Edge AI

Face, LPR, Vehicle, and People detection processed directly on the camera.

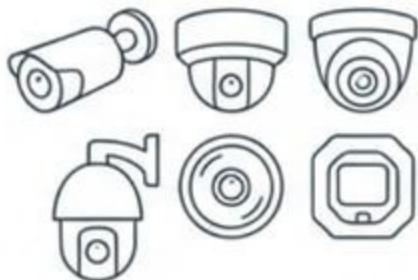
02



Cost Leadership

No server licenses. Reduced hardware requirements.

03



Versatility

Bullet, Dome, Turret, PTZ, Fisheye, Thermal

04



Compliance

NDAA and TAICS compliant models available.

Contact Us

Contact Info



Website: www.acti.com



Email: sales@acti.com



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

Services



Customer Helpdesk & Project
Registration online.



Tools: Camera Selector &
OpenCamera Matrix.



Register today for Member-Exclusive Pricing and Project Protection.