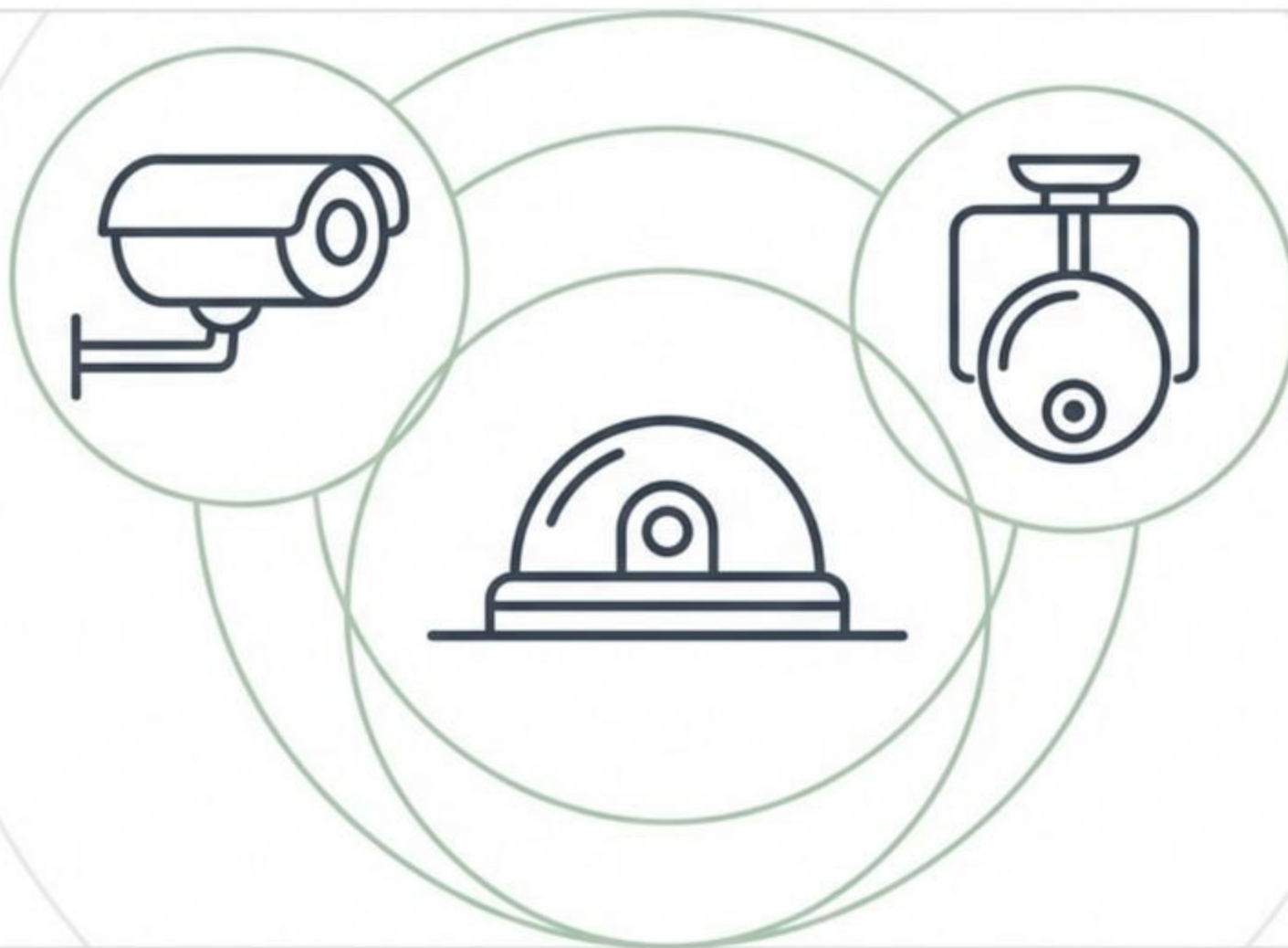


High Resolution Cameras

Professional Surveillance Solutions | 8MP to 20MP



Overview

The Proposition

ACTi provides a comprehensive portfolio of high-resolution IP cameras ranging from 8MP up to 20MP.

The Portfolio

Covers all major form factors including Cubes, Bullets, Domes, Turrets, Multi-imagers, and PTZ models.

Key Capability

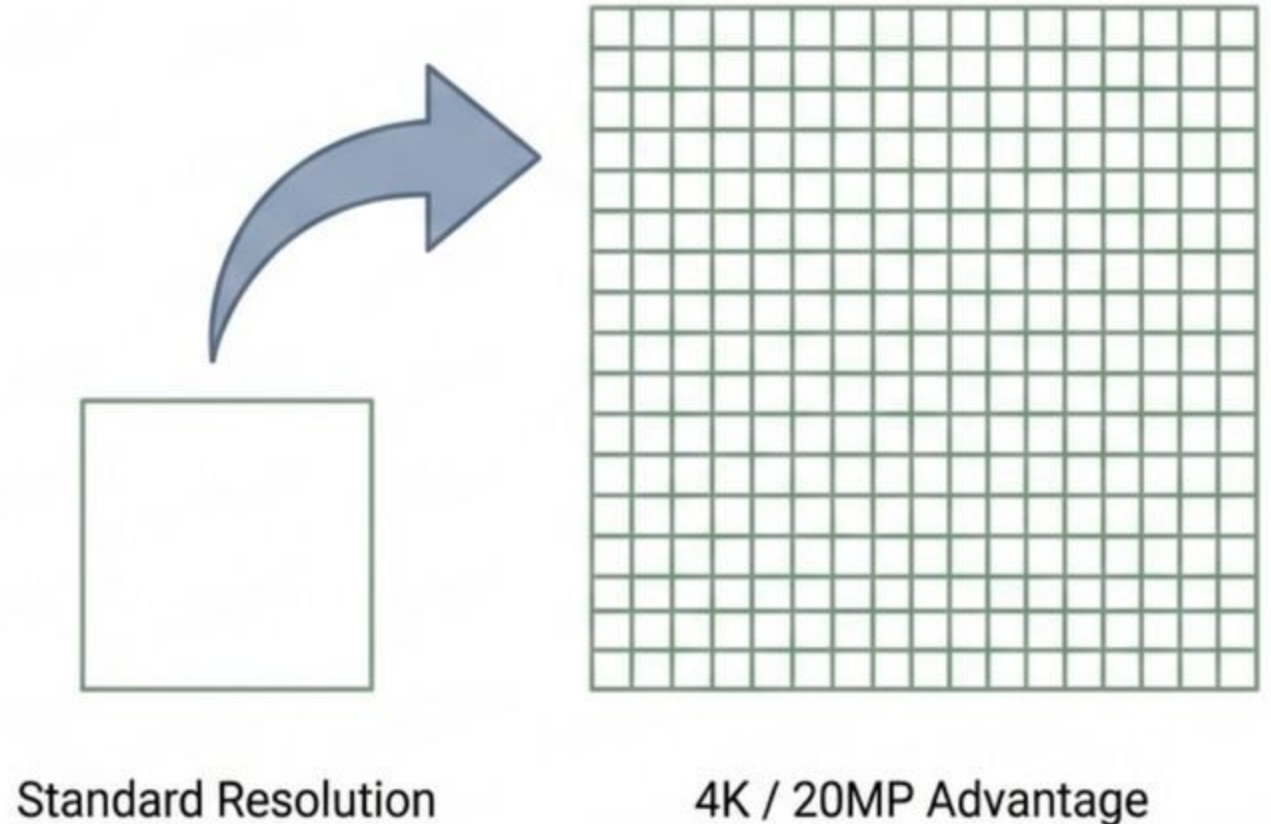
Every model delivers at least 8 Megapixels, providing the clarity needed for accurate recognition of faces, license plates, and critical evidence in investigations.

The 4K Advantage

Superior detail retention for incident review compared to conventional systems.

Specialty

12MP Hemispheric models provide 180°/360° panoramic views for full-scene coverage.



Features

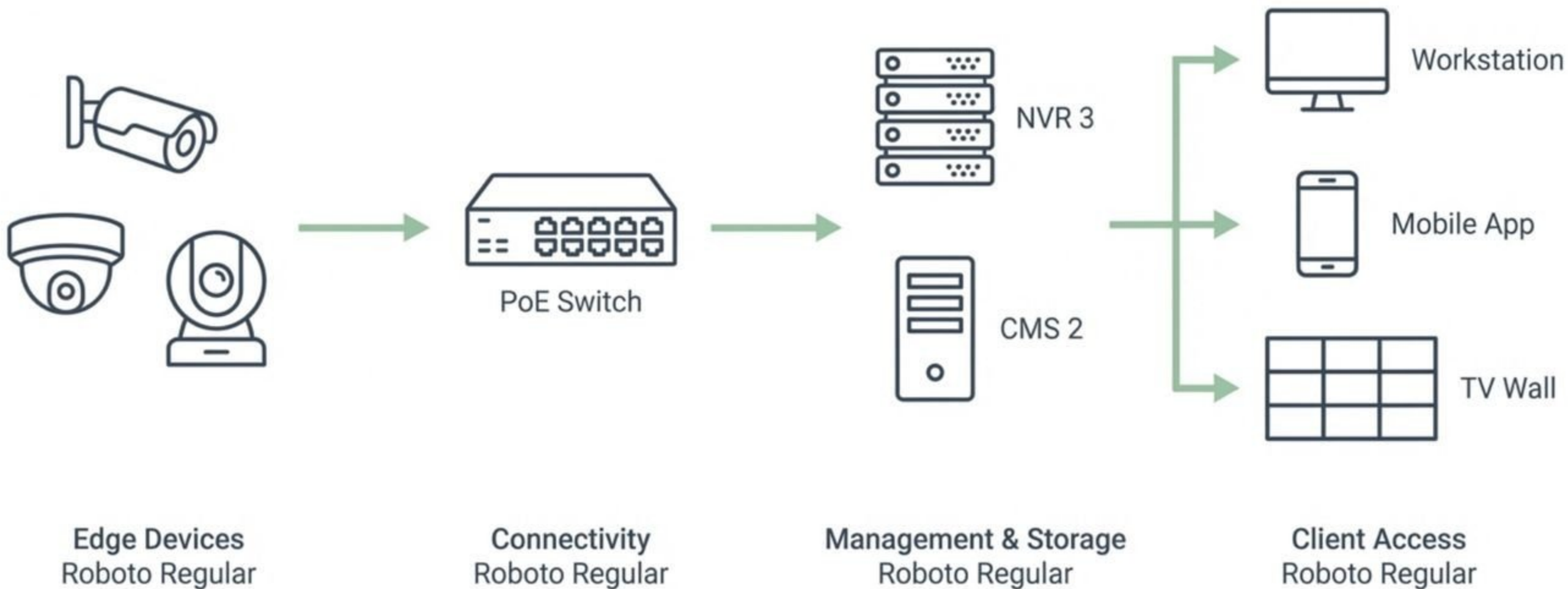
- Resolution up to 20MP for unmatched detail.
- Multi-Imager models up to 20MP for wide-area coverage.
- Hemispheric models up to 12MP for panoramic situational awareness.
- PTZ models with up to 8MP and up to 40x optical zoom.
- Optical Zoom up to 40x for long-range identification.



- IR Distance up to 250 meters for superior night vision.
- Frame rate up to 120fps (under 2MP mode) for high-speed capture.
- Built-in Analytics including people/vehicle detection, classification, and recognition.
- Specialized Models: High-resolution Anti-Corrosion and Anti-Explosion options available.
- Compliance: Wide range of compliances including NDAA and TAICS.



Architectures



Applications



Airports - Monitoring vast terminals and tarmac areas with 4K clarity.



City Surveillance - License plate recognition and traffic flow monitoring.



Casinos - High-detail monitoring of gaming tables and cash handling areas.



Parnions - High-detail monitoring of oction and cash handling areas.



Government Facilities - Perimeter protection and high-security access control.



Banks - Facial recognition at entrances and teller counters.



Retail - Loss prevention and customer analytics.



Logistics - Tracking packages and vehicle movements in large warehouses.

Solutions

Seamless Integration & Intelligent Analytics

Video Management

Fully compatible with **ACTi NVR 3** for enterprise-grade recording and management.

Central Management

Works with **CMS 2** for large-scale, multi-site operations.

Intelligent Analytics

- **Face Recognition:** Deep learning-based identification (Supported on NVR 3).
- **ALPR (Automatic License Plate Recognition):** Integrated vehicle tracking.
- **Metadata Search:** Rapidly find specific objects or events using AI metadata.

Visualization

TV Wall support for control room visualization.



Product Introduction

Cube Series



Product Matrix

Product Type: Fixed Cube
App. Environment: Indoor
Lens: Fixed Focal
10MP Model: E14

Comparison

Model	Resolution	Sensor	WDR	Frame Rate	Audio	NDAA	Key Feature
E14	10MP	1/2.3"	Basic (70 dB)	30fps	2-way, Built-in Mic, Line-out	Yes	Compact 10MP high-resolution for indoor detail

Product Introduction

Bullet Series



Product Matrix

Types: Fixed Bullet | Vari-focal Bullet | Zoom Bullet

Environment: Outdoor

8MP Models: Z318, Z325 (Fixed) | Z47, Z429, A421 (Zoom)

9MP Models: A432-P1 (Vari-focal) | A432 (Zoom)

Comparison

Model	MP	Lens Type	Zoom	WDR	Key Features
A421	8MP	Zoom	4.3x	Extreme (150 dB)	Audio I/O, Extreme WDR
Z318	8MP	Fixed	-	Extreme (130 dB)	Smart Motion Detection
Z325	8MP	Fixed	-	Extreme (130 dB)	Smart Dual Light, Smart Motion
Z47	8MP	Zoom	4.3x	Extreme (130 dB)	Audio I/O, Smart Intrusion
Z429	8MP	Zoom	5x	Superior (120 dB)	Smart Dual Light
A432	9MP	Zoom	3.6x	Basic	1" Sensor, ALPR Analytics
A432-P1	9MP	Vari-focal	-	Basic	1" Sensor, ALPR Analytics

Product Introduction

Dome Series



Product Matrix

Types: Fixed Dome | Zoom Dome

Environment: Outdoor

8MP Models: Z714, Z913 (Fixed) | A817, Z810, Z818 (Zoom)

10MP Models: E816 (Zoom)

Comparison

Model	MP	Lens Type	Zoom	WDR	Key Features
A817	8MP	Zoom	4.3x	Extreme (140 dB)	Audio I/O, Superior Low Light
Z714	8MP	Fixed	-	Extreme (130 dB)	Smart Motion Detection
Z810	8MP	Zoom	4.3x	Extreme (130 dB)	Counting Analytics
Z913	8MP	Fixed	-	Extreme (130 dB)	Smart Motion Detection
Z818	8MP	Zoom	5x	Superior (120 dB)	Smart Dual Light, Intrusion Protection
E816	10MP	Zoom	4.3x	Basic (70 dB)	Cost-effective high-res

Product Introduction

Turret Series



Product Matrix

Types: Fixed Turret | Zoom Turret
Environment: Outdoor
8MP Models: Z56 (Fixed) | Z64 (Zoom)

Comparison

Model	MP	Lens Type	Zoom	WDR	Key Features
Z56	8MP	Fixed	-	Extreme (130 dB)	Smart Dual Light, Smart Motion
Z64	8MP	Zoom	4.3x	Extreme (130 dB)	LightGuard, Intrusion Protection& Counting

*Note: Both models are NDAA compliant and IP68 rated.

Product Introduction

Hemispheric & Fisheye Series



Product Matrix

- **Types:** Fisheye Cube | Hemispheric Dome
- **Environment:** Indoor (E16, B511A) | Outdoor (B76A, A711)
- **10MP Models:** E16
- **12MP Models:** B511A, B76A, A711

Comparison

Model	MP	Type	Env.	WDR	Key Features
E16	10MP	Fisheye Cube	Indoor	Basic	Built-in Mic
A711	12MP	Hemi. Dome	Outdoor	Extreme (135 dB)	Counting & Auto Tracking
B511A	12MP	Hemi. Dome	Indoor	Extreme (130 dB)	Superior Low Light
B76A	12MP	Hemi. Dome	Outdoor	Extreme (130 dB)	IP68/IK10 Durability

Product Introduction

Multi-Imager Series



Product Matrix

Types: 2-Sensor (180° Bullet/Turret/Dome) | 4-Sensor (180°/360° Dome)

8MP Models: Q450, Q550, Q711

20MP Models: Q75, Q84

Comparison

Model	Total MP	Sensors	Form Factor	Key Features
Q450	8MP	2	Bullet (180°)	Superior WDR
Q550	8MP	2	Turret (180°)	Smart Dual Light, Analytics
Q711	8MP	2	Dome	LightGuard, Analytics, No blind spots
Q75	20MP	4	Dome (180°)	Advanced WDR
Q84	20MP	4	Dome (360°)	5x Zoom, LightGuard, Analytics

Product Introduction

PTZ Series



Product Matrix

- **Types:** PTZ | Positioning System | Multi-Imager PTZ
- **8MP Models:** A952, K958, Z954, A962, Z953, Q992
- **32MP Model:** K9001

Comparison

Model	MP	Zoom	WDR	Key Features
A952	8MP	22x	Extreme (150 dB)	Face Rec., ALPR, Tracking
A962	8MP	36x	Extreme (140 dB)	120fps (2MP mode), LightGuard
Z953	8MP	40x	Extreme (145 dB)	Long range tracking
Q992	8MP	41x	Superior (120 dB)	Laser Light (1000m), Positioning Sys
K9001	32MP	42x	Superior (120 dB)	Multi-Imager + PTZ, 500m IR, Metadata

Summary

Comprehensive Range: From compact 10MP Cubes to powerful 32MP Multi-Imager PTZs.

Unmatched Clarity: 4K/20MP resolution ensures no detail is missed in critical infrastructure.

Intelligence: Integrated AI analytics (ALPR, Face Recognition, Intrusion) across the product line.

Durability: Full range of IP68, IK10, and Anti-Corrosion/Explosion options.

Integration: Seamless operation with ACTi NVR 3 and CMS 2 ecosystems.



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