

Panoramic Cameras



Overview

360° panoramic solutions for ceiling and wall views.



Hemispheric Cameras

Single fisheye lens with built-in dewarping for corrected views.

Indoor/outdoor models with optional IR. Compact dome design.



Fisheye Cameras

Single fisheye lens relying on VMS for dewarping.

Cost-effective compact dome and cube designs.



Multi-Imager Cameras

Multiple sensors delivering 180°/360° surround views.

Fixed or motorized zoom.
Ideal for large, irregular layouts.

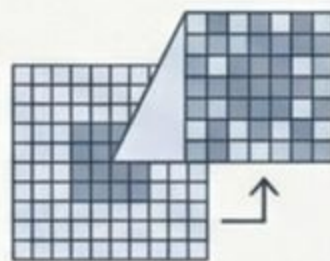
Why Choose Panoramic? Replace multiple standard units with a single camera to reduce cabling, switch ports, and VMS licenses while minimizing blind spots.

Features



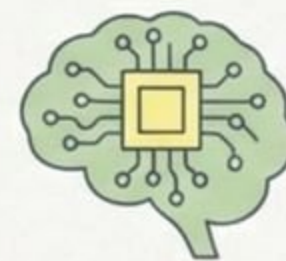
Various Types

Hemispheric, Multi-imager (bullets/domes), 180° and 360° options.



Resolution

Up to 20MP capture for scene-wide evidence.



Analytics

Deep learning-based analytics (Face Recognition, ALPR).



Audio

Two-way audio with built-in microphone.



WDR

Extreme WDR (130dB) for high-contrast lighting.



Installation Flexibility

Ceiling, Wall, Pole, Corner, and Pendant mounts.



Compliance

Wide range including NDAA and TAICS.

Architectures

Dewarping Logic

Camera-side Dewarping (Hemispheric)



Stream corrected views directly to storage.

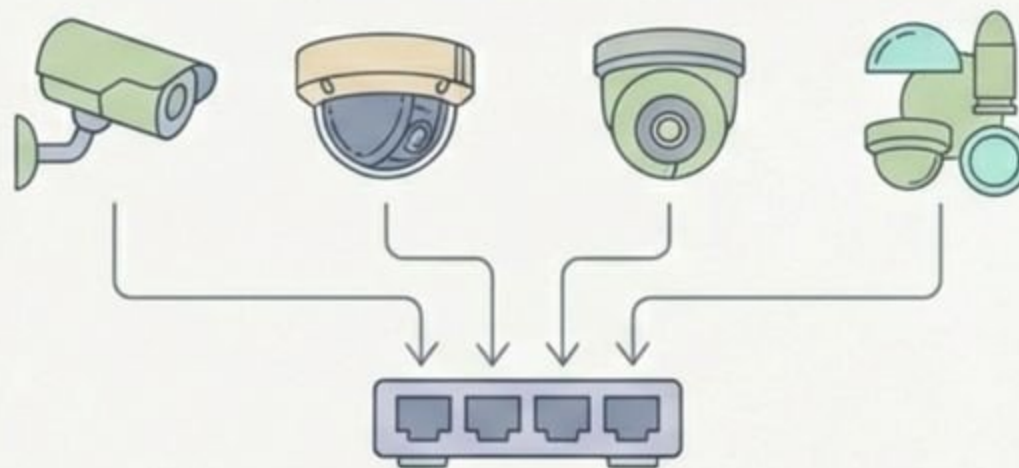
VMS-side Dewarping (Fisheye)



Record raw fisheye circle; dewarp at playback.

Bandwidth Efficiency

Standard Deployment



Panoramic Deployment



Reduces cabling and switch ports by 75%.

Applications



Transportation

Airports, Train Stations,
Concourses

Best Fit: Multi-Imager (Q Series) for high-resolution coverage over large crowds



Retail & Logistics

Warehouses, Stores,
Aisle Intersections

Best Fit: Fisheye/Hemispheric for heat mapping, shelf monitoring, and blind-spot elimination

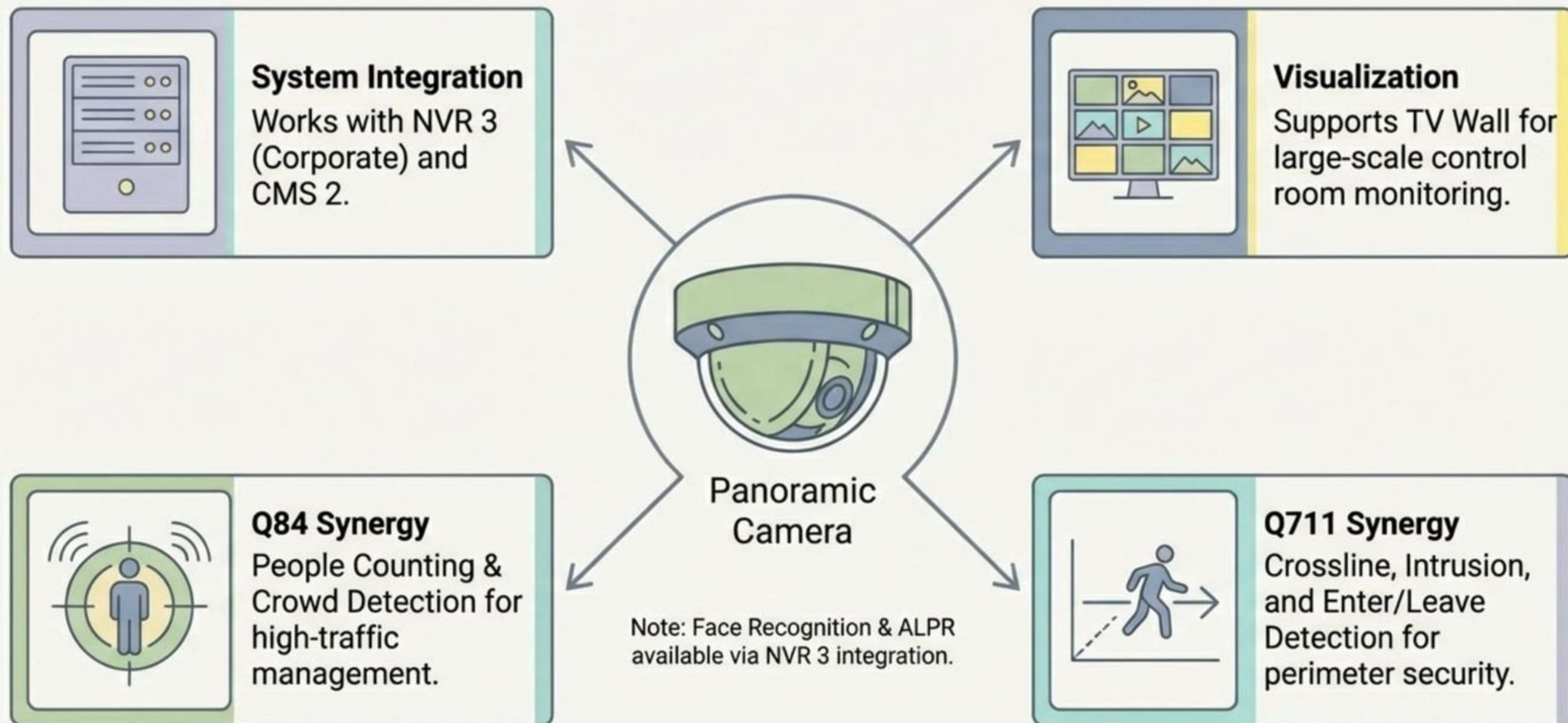


City Surveillance

Parking Lots, Public
Squares

Best Fit: Multi-Imager Bullet/Dome for 180° situational awareness

Solutions



Product Introduction

Product Matrix

Category	Type	Models	Resolutions
 Hemispheric	Hemispheric Dome (Indoor/Outdoor)	A912, A713, B57, B511A, B76A, A711, A714	5MP, 6MP, 12MP
 Fisheye	Fisheye Cube / Fisheye Dome	E96 (5MP), E16 (10MP)	5MP, 10MP
 Multi-Imager	2-Sensor 180° Bullet, 2-Sensor Dome, 2-Sensor 180° Turret, 4-Sensor 180°/360° Dome	Q450, Q711, Q550, Q75, Q84	8MP, 20MP

Product Introduction

Comparison – Hemispheric & Fisheye



Hemispheric (Premium)

B511A, B76A, A912



5MP / 12MP



Indoor / Outdoor (IP68, IK10) 



View Mode: Fisheye + Dewarped View



Features: Built-in Analytics, Extreme WDR, NDAA Compliant



Fisheye (Standard)

E16, E96



5MP / 10MP



Environment: Indoor Cube / Dome



View Mode: Fisheye View Only



Features: Cost-effective, NDAA Compliant

Product Introduction

Comparison – Multi-Imager

Model	Type	Resolution	Lens	IR Range	Key Features
Q84 (Flagship)	4-Sensor 360° Dome	20MP	Zoom Lens (f2.7-13.5mm)	50m IR	 Extreme WDR, Analytics, NDAA
Q75	4-Sensor 180° Dome	20MP	Fixed Lens (f5.5mm)	30m IR	 Advanced WDR
Q711	2-Sensor Dome	8MP	Dual Fixed (f2.8mm)	50m IR	 Deep Learning Analytics, NDAA
Q550	2-Sensor Turret	8MP	Fixed Lens	30m/50m IR	 Extreme WDR, Outdoor
Q450	2-Sensor Bullet	8MP	Fixed Lens	15m IR	 Superior WDR

Summary



Comprehensive Coverage: Options for 180° wall mount and 360° ceiling mount.



Cost Efficiency: Replace multiple fixed cameras to save on licenses, cabling, and VMS costs.



Advanced Ecosystem: Seamless integration with NVR 3, CMS 2, and Deep Learning Analytics.



Reliability: NDAA compliance, IP66/IP68 weatherproofing, and IK10 vandal resistance available across the range.

Contact Us



Website: www.acti.com



Email: sales@acti.com



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



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