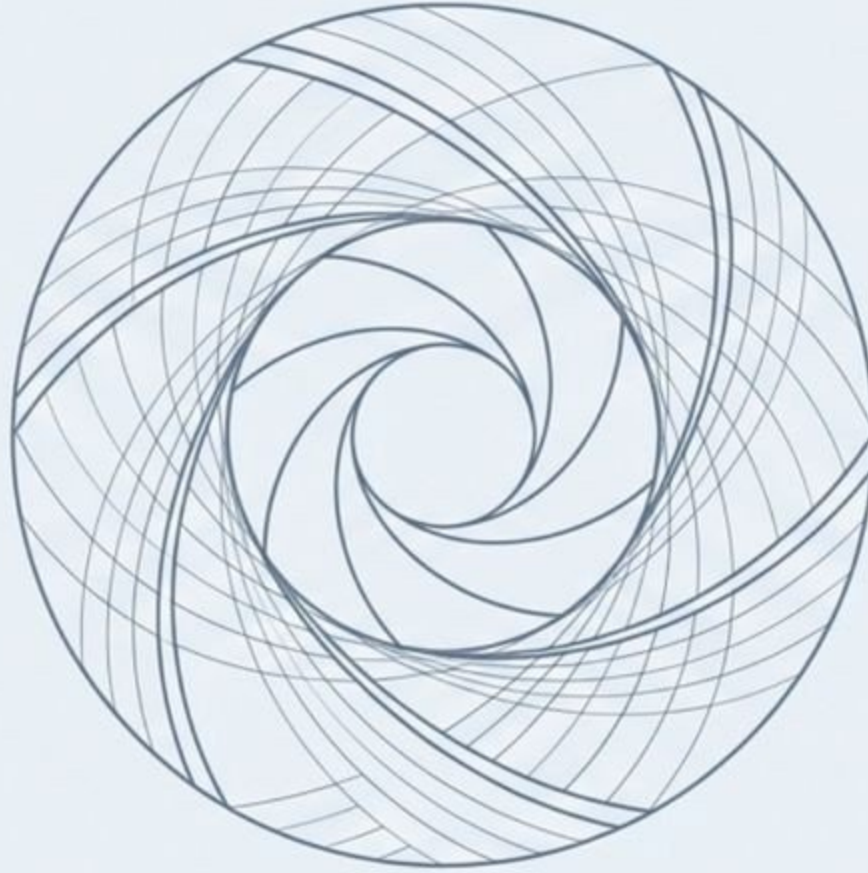




High Frame Rate Cameras

Overview

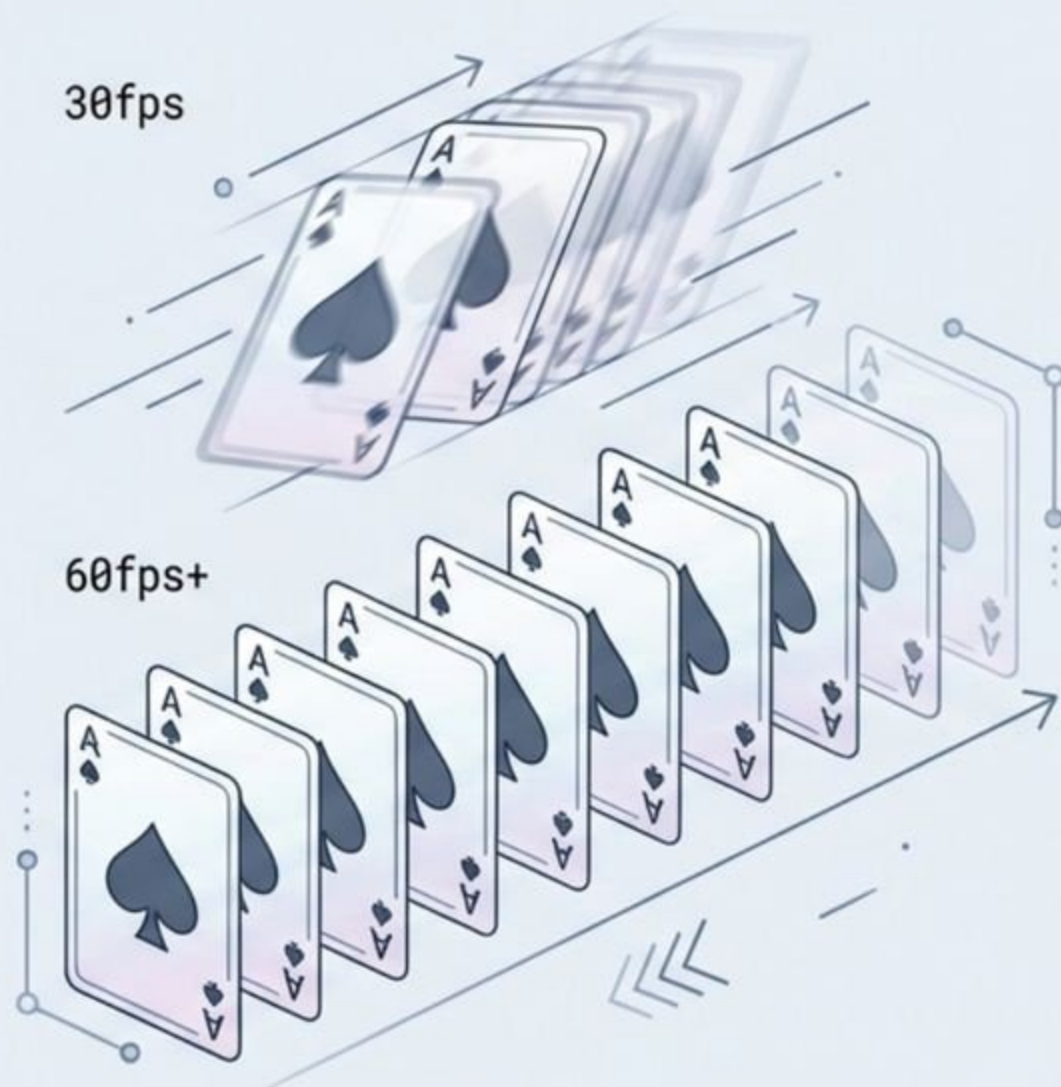
Catching What the Human Eye Misses

High frame rate IP cameras capture more frames per second than the human eye can perceive, enabling clear visibility in fast-moving environments. Any camera recording at 60fps or above qualifies as a high frame rate video camera.

The Critical Difference: Designed to preserve critical details for forensic playback in slow motion or frame-by-frame analysis.

Use Case Example: In casinos, sleight-of-hand cheating may only appear in one frame. Speeding vehicles require 60fps+ to capture license plates.

Value: ACTi's solutions provide unmatched clarity for law enforcement, gaming security, and transportation monitoring where precision is essential.



Features

Technical Specifications & Capabilities



Frame rate up to 120fps



Extreme Low Light Sensitivity and WDR



Optical Zoom up to 40x



IR Distance up to 250 meters



Built-in Analytics with people and vehicle detection, classification, and recognition



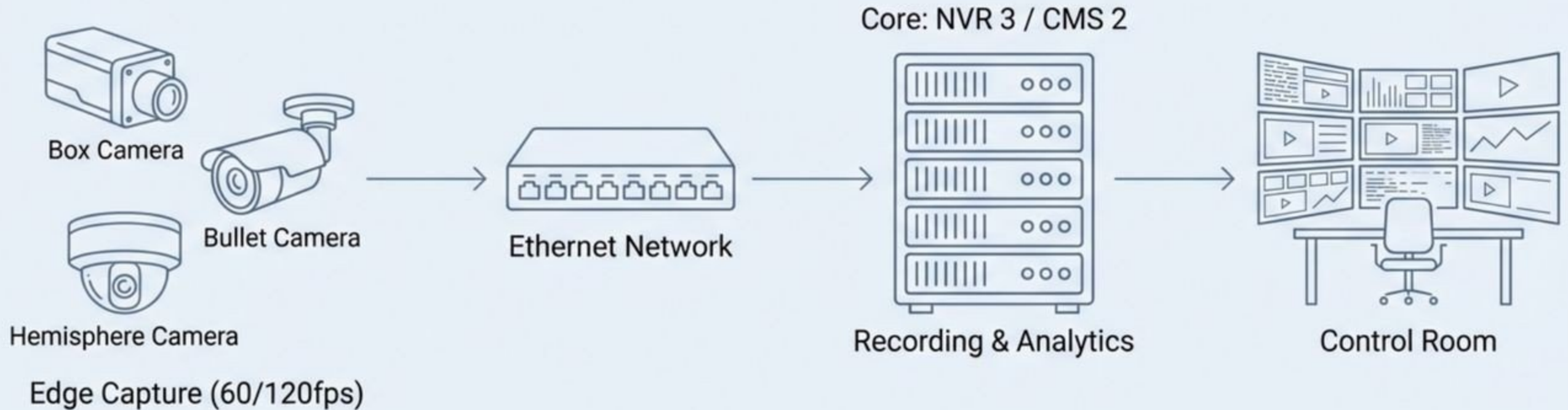
High resolution Anti-Corrosion and Anti-Explosion models available



Wide range of compliances (NDAA, TAIICS, and more)

Architectures

End-to-End System Topology



Data flows from Edge Capture to Core Analytics, supported by ACTi NVR 3 and CMS 2.

Applications

Vertical Markets Requiring High Precision



Traffic Monitoring

Capture license plates of speeding vehicles clearly.

Requires 60fps or higher to prevent motion blur.



Casinos & Gaming

Detect sleight-of-hand cheating which may only appear in a single frame.

Utilizes 120fps+ for frame-by-frame forensic analysis.



Transportation

Monitoring fast-moving trains or transit vehicles.

Ensures clear visibility in fast-action scenes.



Law Enforcement

Situational awareness where "missing a frame" is not an option.

Delivers critical evidence with superior frame rate clarity.

Solutions

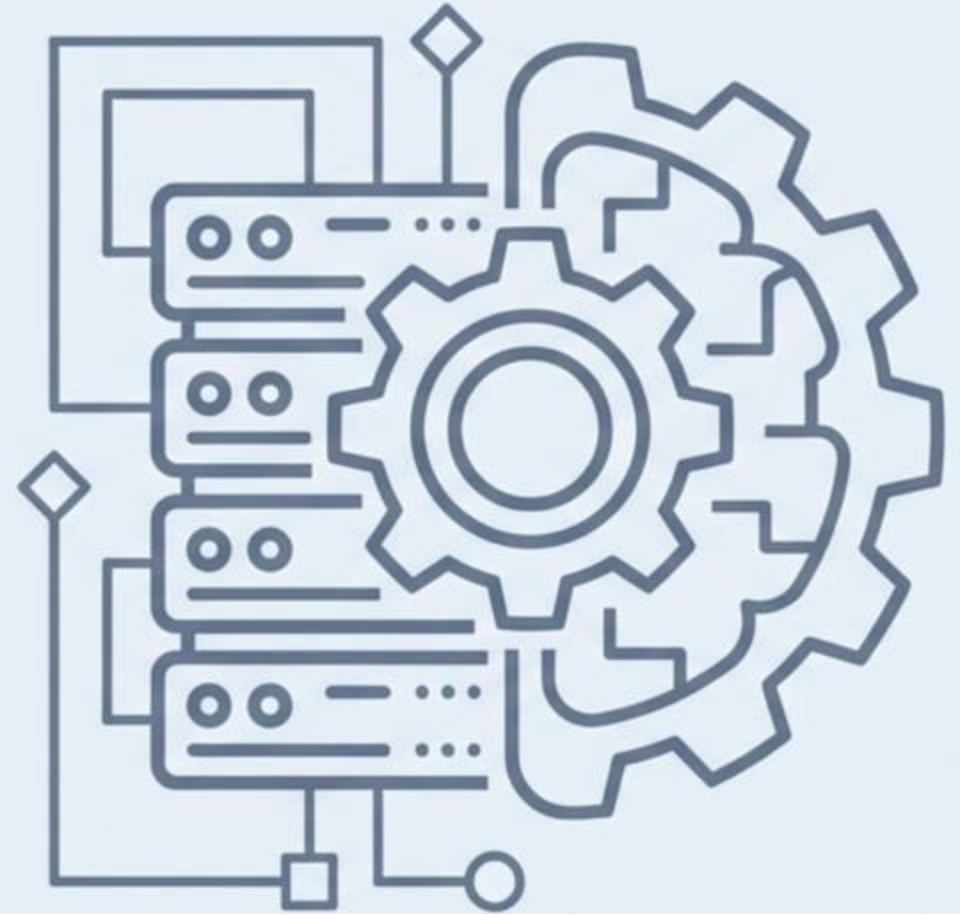
Software Integration & Intelligent Analytics

Software Ecosystem

- Fully integrated with **NVR 3** and **CMS 2**.
- Supports **Metadata Search** capabilities for rapid evidence retrieval.

Built-in Edge Analytics

- **People/Vehicle:** Detection, classification, and recognition.
- **Face:** Face Detection and Face Recognition.
- **Traffic:** ALPR (Automatic License Plate Recognition) and Auto Tracking.
- **Security:** Smart Motion Detection, Smart Intrusion Protection, and Behavior Analysis.



Product Introduction

Box Cameras (Fixed & Zoom)



Model	Resolution	FPS	Zoom	WDR	Key Features
A29	2MP	120fps	Fixed	150dB	Extreme speed capture, 1/2.7 sensor
E217	2MP	60fps	Fixed	145dB	Superior Low Light
A213	5MP	60fps	Fixed	150dB	Face Detection, ALPR
A214	5MP	60fps	40x Optical	150dB	Long-range identification, Face Rec., ALPR

All models are NDAA Compliant.

Product Introduction

Bullet Cameras (Zoom)



Category	Model	FPS	Zoom	WDR	Features
2MP High Speed	A425	120fps	4.3x	150dB	Extreme Low Light
2MP Long Range	I42 / I42-K1	60fps	36x	145dB	IR up to 40m
2MP Standard	A220	60fps	4.3x	140dB	Smart Motion Detection
2MP Standard	Z415	60fps	10x	145dB	Counting Analytics
4MP Models	A429	120fps	4.3x	150dB	Face Rec, ALPR

Durability: Weatherproof (IP68) and Vandal proof (IK10) metal casings available.

Product Introduction

Dome Cameras (Fixed & Zoom)



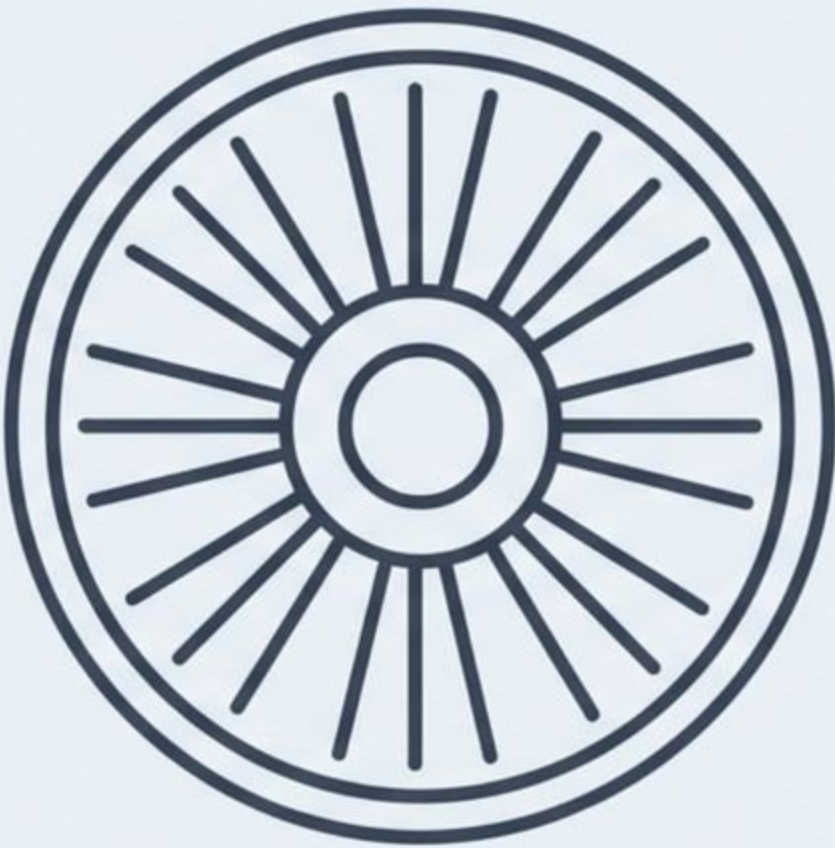
Type	Model	Resolution	FPS	Zoom	WDR	Special Feature
Fixed Dome	E933 Series	2MP	60fps	Fixed	145dB	Vibration Proof (EN50155)
Zoom Dome	VMGB-602	2MP	60fps	4x	140dB	Adaptive IR 30m
Zoom Dome	A85	2MP	60fps	4.3x	142dB	Extreme Low Light
Zoom Dome	B64	1.3MP	60fps	3x	88dB	Basic WDR

Housing options: IP68 Weatherproof and IK10 Vandal proof.

Product Introduction

Hemispheric & Fisheye Cameras

Model	A713
Resolution	5MP
Frame Rate	60fps
WDR	Extreme (135 dB)
IR Distance	Adaptive IR LED 20m
Compliance	NDAA Compliant
Casing	Weatherproof (IP66), Vandal proof (IK10)



Product Introduction

PTZ Cameras (Speed Domes)



Resolution	Model	Zoom	IR Distance	WDR	Key Features
2MP	B934	30x	-	145dB	Indoor Model
2MP	I98 / I98-K1	33x	200m	145dB	Outdoor, Dehumidifier
5MP	K953	33x	250m	145dB	Auto Tracking
5MP	A955	40x	250m	150dB	Face Recognition
8MP	A962	36x	300m	140dB	120fps , ALPR
32MP	K9001	42x	500m	120dB	Multi-Imager

Product Introduction

PTZ Positioning Systems



Model	Res	Zoom	Illumination	Extras
Q990	2MP	45x	IR 400m	Wiper included
Q991	4MP	41x	IR 400m	Wiper included
Q981	4MP	56x	Laser 800m	Wiper included

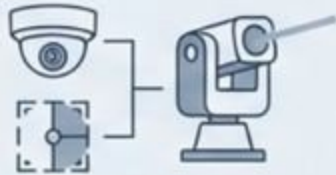
Extreme Range: Up to 56x Optical Zoom and 800m Laser.
Rugged IP68 Design. NDAA Compliant.

Summary

Why Choose ACTi High Frame Rate Solutions



1. **Forensic Clarity:** 60fps and 120fps capture details lost by standard cameras, essential for Evidence.



2. **Versatile Form Factors:** From discrete Domes to 800m Laser Positioning Systems.



3. **Intelligence:** Built-in Analytics (Face, ALPR, Auto Tracking) integrated with NVR 3.



4. **Reliability:** NDAA compliance, IP68/IK10 ratings, and Anti-Corrosion options.



5. **Market Focus:** Tailored for Traffic, Gaming, and Law Enforcement verticals.

Contact Us

Get Started with Member-Exclusive Pricing

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.

**Register today for Member-Exclusive Pricing
and Project Protection.**