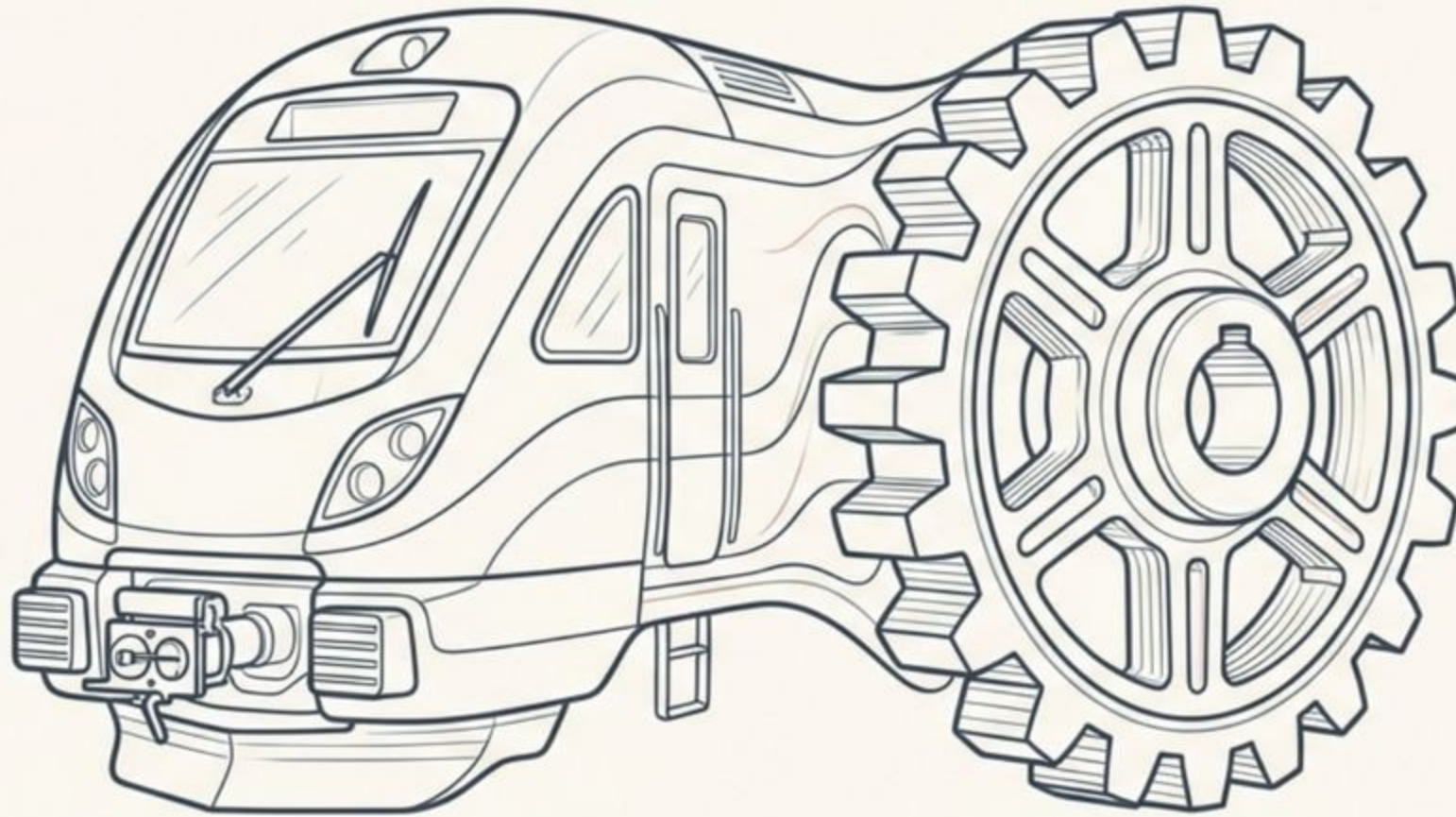


Vibration Proof Cameras



Ruggedized Surveillance Solutions for Vehicles
and Industrial Environments

Overview



Standard Security Camera



ACTi Vibration Proof Camera

The Challenge

Standard security cameras fail in vibrating environments—such as onboard vehicles and industrial floors—leading to image instability and hardware damage.

The Scope

The lineup includes domes, covert modules, desktop cameras, and door stations.

The Solution

ACTi Vibration Proof Cameras are engineered with rugged designs to survive 24/7 motion and shock.

The Benefit

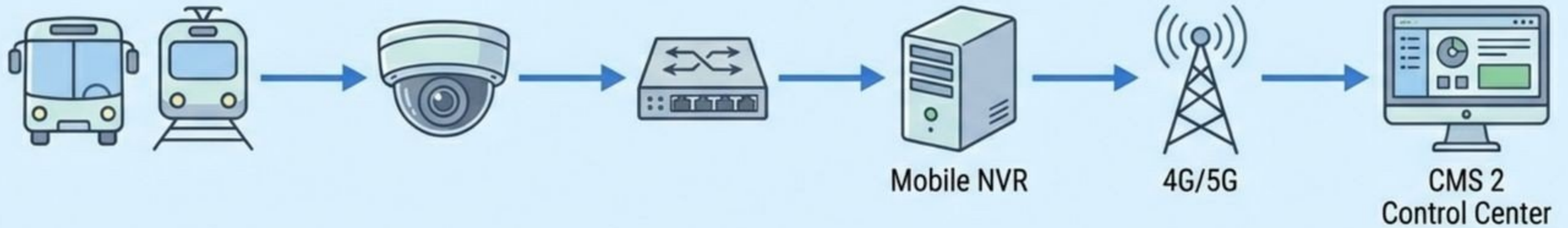
Enables stable images on buses, trains, forklifts, AGVs, and factory lines while minimizing maintenance and downtime.

Features

-  **EN50155** Certified
-  **EN50121-3-2** Certified
-  Vandal proof (**IK10**) & **NEMA 4X**
-  **Humidity** protection up to **IP68**
-  Resolution up to **20MP**
-  Optical Zoom up to **40x**
-  IR Distance up to **250 meters**
-  Frame rate up to **120fps** (under 2MP mode)
-  **Built-in Analytics** with people and vehicle detection, classification, and recognition
-  High resolution Anti-Corrosion and Anti-Explosion models available
-  Wide range of compliances including **NDAA** and **TAICS**

Architectures

Mobile Surveillance (Train/Bus)



Industrial Surveillance (Factory)



Cameras act as the ruggedized edge, feeding data seamlessly into ACTi NVR 3 and CMS 2 ecosystems.

Applications

Transportation (Mobile)



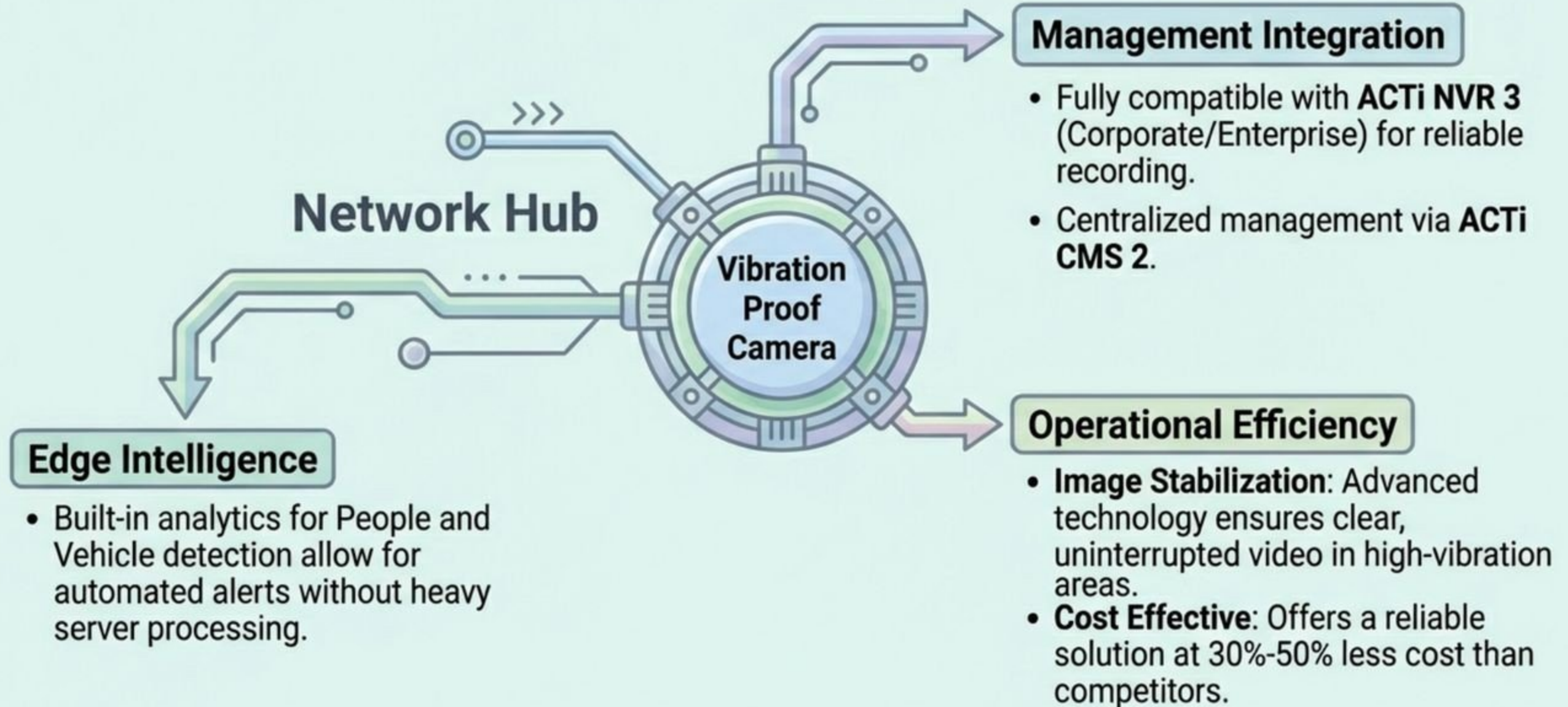
- **Target:** Buses, Trains, Trams.
- **Use Case:** Passenger safety, driver monitoring, incident evidence.
- **Why ACTi:** EN50155 certification ensures compliance with rolling stock standards.

Industrial & Factory



- **Target:** Forklifts, AGVs (Automated Guided Vehicles), Heavy Machinery, Production Lines.
- **Use Case:** Remote process control, warehouse traffic optimization, accident prevention.
- **Why ACTi:** Rugged design survives the constant shock of heavy machinery operation.

Solutions



Product Introduction



Fixed Box (Q22, Q22-K1)

- Outdoor, 2MP, Basic WDR.



Fixed Dome (E918, E933, E933M, E936, Z721)

- Outdoor, range from 2MP to 4MP, Extreme WDR options.



Covert (Q113, Q115)

- Indoor, Compact, up to 5MP.



Door Station (Q950)

- Outdoor, 6MP, Fisheye view.

Product Matrix

Product Type	Application Environment	Lens	2MP	3MP	4MP	5MP	6MP
Fixed Box	Outdoor	Fixed focal	Q22, Q22-K1	-	-	-	-
Fixed Dome	Outdoor	Fixed focal	E933, E933M, E936	E918	Z721	-	-
Covert	Indoor	Fixed focal	Q113	-	-	Q115	-
Door Station	Outdoor	Fixed focal	-	-	-	-	Q950

Comparison

Outdoor Fixed Domes



Spec	E918	E933	E933M	E936	Z721
Resolution	3MP	2MP	2MP	2MP	4MP
Lens	f1.9mm	f2.55mm	f2.55mm	f2.55mm	f2.8mm
Vibration Proof	EN50155	EN50155	EN50155	EN50155	EN50155
WDR	Superior	Extreme	Extreme	Extreme	Extreme
Audio	No	No	No	No	2-way
NDAA	Yes	Yes	Yes	Yes	Yes

Comparison

Box, Covert, and Door Stations



Spec	Q22 (Box)	Q113 (Covert)	Q115 (Covert)	Q950 (Door)
Resolution	2MP	2MP	5MP	6MP
Environment	Outdoor	Indoor	Indoor	Outdoor
Lens	Fixed f2.55mm	Fixed f3.7mm	Fixed f3.7mm	Fixed f1.65mm
Audio	2-way	2-way	2-way	2-way
Vibration Proof	EN50155	EN50155	EN50155	EN50155
NDAA	Yes	Yes	Yes	Yes

Summary



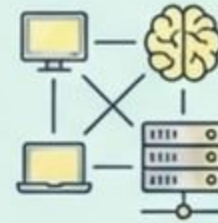
Certified Toughness

Full compliance with **EN50155** and **EN50121-3-2** ensures reliability in rail and heavy industry applications.



Versatile Portfolio

A complete range of form factors (Dome, Box, Covert, Door Station) covering resolutions from 2MP to 6MP.



Intelligent Ecosystem

Seamless integration with **NVR 3** and **CMS 2**, supported by edge-based AI analytics.



Competitive Advantage

High-end rugged specifications offered at a significant cost advantage (30-50% savings).

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