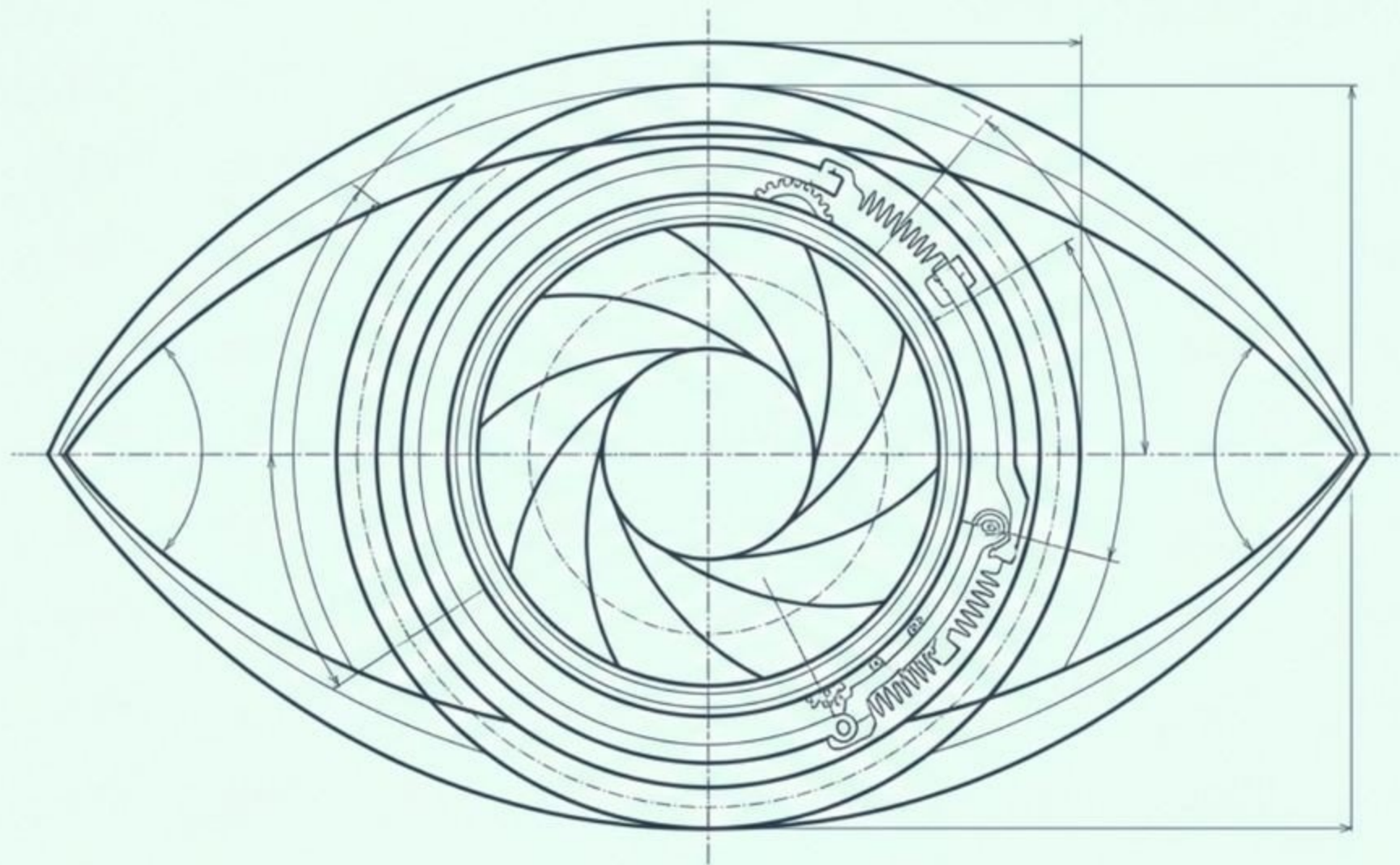
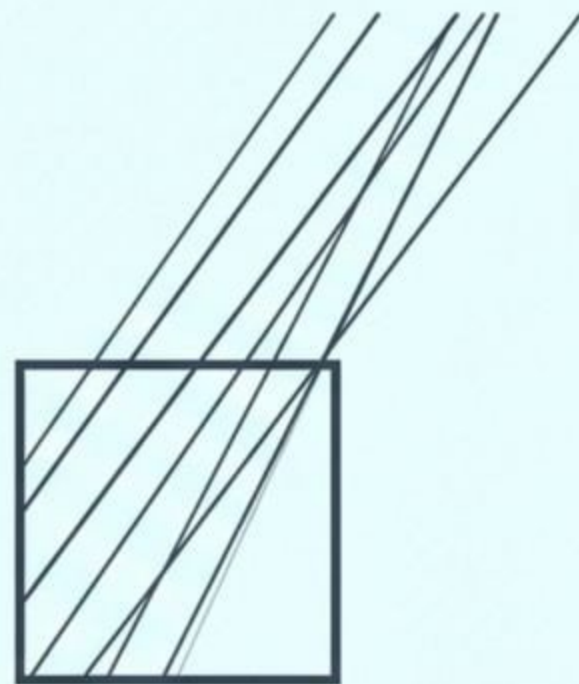




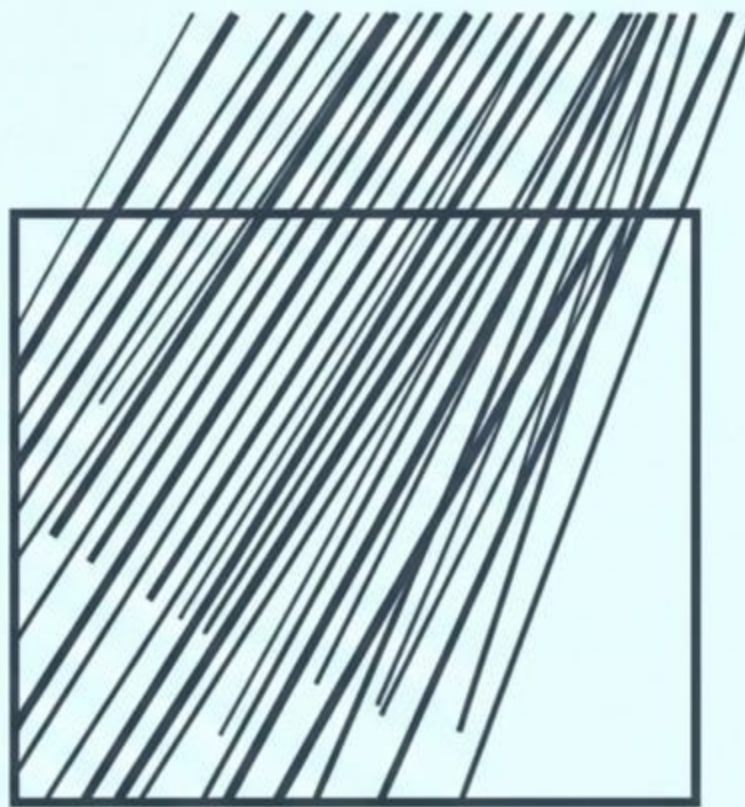
ColorVizion

The best ever colored night mode technology.

Overview



Standard Sensor



1/1.8" Large Sensor

What is ColorVizion?

Advanced technology rendering true colors at night.

Core Mechanic:

The synergy of 1/1.8" Large Sensors + F1.0 Aperture + Superior Image Signal Processor (ISP).

Result:

Clear, vivid, photography-standard colors when the human eye sees darkness.

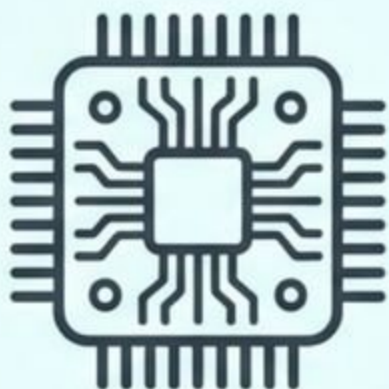
Features

- ✓ **1/1.8" sensor size**
- ✓ **F1.0 aperture**
- ✓ **Excellent Image Signal Processor (ISP)**
- ✓ **ColorVizion version 1.0 and 2.0**
- ✓ **AI Support**

Architectures



Hardware



ISP

Creates ColorVizion Image

Smart ISP ensures
accurate colors.



AI / Deep Learning

AI uses precise colors
for object tracking.



ColorGuard

Security shield combining
color night vision, white
LED illumination, and AI
analytics.

Applications



Evidence & Investigation

True color is critical for legal evidence during investigations.



Metadata & Classification

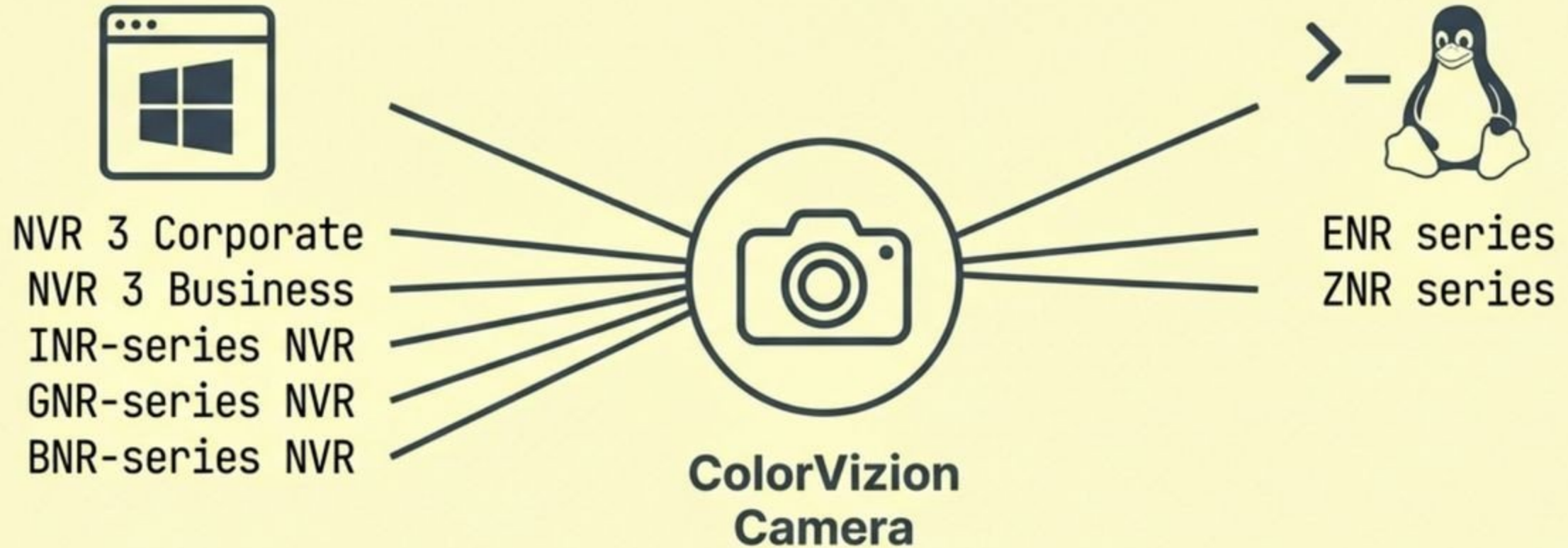
High-quality color input drastically improves AI accuracy for Person and Vehicle detection/classification.



Trespassing Detection (ColorGuard)

Configuring smart white LEDs to auto-illuminate up to 40 meters upon intrusion for deterrence and clearer capture.

Solutions



Since ColorVizion technology is inside the camera, any VMS receiving the stream benefits from the clear colored images.

Product Introduction

Product Matrix

	PTZ	K953 / K953-2MP: 33x Optical, Extreme WDR, Analytics K954: 42x Optical, Extreme WDR, Analytics K958: 8MP, 25x Optical, Extreme WDR
	Bullet	Z324: 4MP, Fixed, Extreme Low Light Z429: 8MP, Zoom 5x, Superior WDR
	Turret	Z54: 4MP, Fixed, Extreme WDR
	Dome	Z724: 4MP, Fixed, Extreme WDR Z818: 8MP, Zoom 5x, Superior WDR

Product Introduction

Comparison

Resolution Tiers

- **4MP:** Ideal for standard surveillance (Z324, Z54, Z724)
- **5MP / 8MP:** High detail requirements (K953, K954, K958, Z429, Z818)

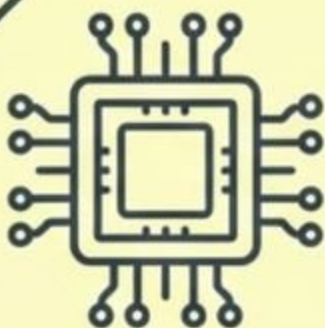
Lens Versatility

- **Fixed Lens:** Cost-effective coverage (Z324, Z54, Z724)
- **Zoom / PTZ:** Flexible monitoring (Z429, Z818, All K-Series)

Note: All listed models feature Extreme Low Light Sensitivity.

Summary

Superior Hardware:
1/1.8" Large Sensor +
F1.0 Lens.



Smart Software:
ISP + AI = ColorGuard
Security Shield.



Compatibility:
Seamless integration
with ACTi NVR 3, ENR,
and ZNR series.



Versatile Application:
Evidence, Tracking,
Deterrence.



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