

Obstructed Camera

COMPUTER VISION
ANALYTICS

[OBSTRUCTED VIEW]

ZEROEYES OBSTRUCTED CAMERA
ANALYTICS IS A CAMERA-AGNOSTIC LAYER
THAT PROACTIVELY DETECTS BLOCKED OR
COMPROMISED CAMERA VIEWS.

Overview

ZeroEyes is advancing proactive security with Obstructed Camera View Analytics, helping organizations identify when a camera's visibility has been compromised. Using existing security cameras, the analytic detects blocked, covered, blurred, sprayed, darkened, or otherwise obstructed views in real time, enabling security teams to respond before critical coverage is lost.

Key Differentiators

DHS Safety Act Designation

Vetted as qualified anti-terrorism technology.

Privacy-Focused

No facial recognition, no behavioral tracking, and compliant with major data privacy laws (ISO 27001, SOC2 Type II, FERPA, HIPAA).

Proprietary

In-house developed, trained on real-world scenarios.

Proven & Scalable

ZeroEyes operates at the largest scale in the industry with daily firearm detections.

24/7 Human Verification

Only company with a U.S.-based, in-house monitoring team of military/law enforcement veterans.

Seamless Integration

Works with various VMS and mass notification systems.

Benefits

Maintains Camera Uptime

Detects when a camera’s view is obstructed or otherwise compromised so issues can be addressed before they create a larger security gap.

Improves Response Time

Alerts teams quickly when a view is obstructed by intentional sabotage, debris, weather, glare, or other scene disruptions.

Improves Operational Awareness

Gives operators immediate visibility into camera health issues that could otherwise go unnoticed until after an incident.

Protect Camera Integrity

Helps ensure cameras are delivering usable video when they are needed most, rather than failing silently.

Reduces Blind Spots

Identifies degraded visibility that could leave entrances, perimeters, hallways, or other high-priority zones unmonitored.

Supports Proactive Maintenance

Allows security and operations teams to resolve camera issues earlier, minimizing downtime and preserving coverage continuity.

Product Features

Real-Time Alerting

Sends alerts when a camera’s view no longer meets expected visibility conditions.

24/7 Automated Monitoring

Continuously checks camera visibility without requiring personnel to manually inspect feeds.

Visual Event Context

Provides image or video context to help operators quickly understand the issue and determine next steps.

Operational Workflows

Helps security, facilities, and technical teams quickly identify, triage, and address camera visibility problems.

Requirements for Deployment

Power Standard access to power (either 12V, 24V or 110V AC)

Space Requires protected space for our analytics appliance, ZE Agile ~6x4.5x2.75”
Optional router, ZE Connect ~6.75x6x2”.

Network	ZE Agile connects to cameras via IP address, NVR, or VMS. Devices use DHCP or static IPs	ZE Agile initiates RTSP streams using a similar URL (e.g., rtsp://username:password@IP:554/stream-media/media.amp). Must provide camera IP, credentials, port (default 554), and make/model.
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Minimum Camera Specs 720p (1280x720) or greater resolution, minimum 5 fps, 16:9 aspect ratio, ONVIF compliant, Up-to-date firmware available

Cellular and GPS ZE Agile needs a stable internet connection for alerting. Our router (if included) allows for reliability and remote management. Existing routers are acceptable if bandwidth is consistent and GPS is accessible.