



EYEQ

NEXT-GEN AI SURVEILLANCE

AGENTIC TYPE:
Public Safety

PURPOSE/FUNCTION:
Train Station/School

AUTONOMY LEVEL:
1-4

EDGE AI SURVEILLANCE

Transform from your existing IP Camera to AI

Hermes Network Edge AI is a cutting-edge solution that transforms any standard IP camera into a powerful agentic AI surveillance system, enabling real-time object detection, facial recognition, and weapon surveillance directly at the edge—without relying on cloud latency. Powered by Hermes' SD-WAN orchestration and intelligent compute nodes, this edge-based AI platform enables IP cameras to go beyond passive recording and become autonomous agents capable of perceiving, analyzing, and acting in dynamic environments.



AUTONOMY LEVEL:

Level:	Detections	Actions	Example
1: Passive Observation	MERELY DETECTS AND RECORDS (E.G., CCTV WITH AI LABELING)	No action or decision-making	AI TAGGING "PERSON WITH RED SHIRT" IN VIDEO
2: Active Monitoring	DETECTS AND NOTIFIES OR FLAGS ANOMALIES	Human-in-the-loop for decision-	NOTIFYING STAFF IF CROWDING EXCEEDS THRESHOLD
3: Semi-Autonomous Action	DETECTS AND MAKES DECISIONS WITHIN PREDEFINED RULES	Limited scope of action (e.g., alerts, locks, reroutes)	AUTO-LOCK WHEN UNAUTHORIZED ACCESS IS DETECTED
4: Fully Autonomous Surveillance	AI CAN MAKE CONTEXTUAL DECISIONS, ESCALATE OR DE-ESCALATE	EVEN ACT ACROSS MULTIPLE SYSTEMS	WEAPON DETECTED → LOCK EXITS → ALERT LAW ENFORCEMENT → BEGIN EVACUATION PROTOCOL

FEATURES

Benefits in Public and School Areas



01 Safety Monitoring For Public & School

Helps with:
Detects fights, bullying, erratic movement, or vandalism



02 Weapon Detection Monitoring

Helps with:
Identifies firearms or knives in real time. Triggers lockdown protocols



03 Unattended Baggage Detection

Helps with:
Flags bags or items left unattended, Notifies security instantly



04 Crowd Monitoring & Flow Management

Helps with:
Detects overcrowding, congestion, and bottlenecks

IMPORTANT CONSIDERATIONS:

IP Camera Video Source Types:

Different IP cameras support different video streaming protocols (e.g., ONVIF, RTSP, FFMPEG) based on the camera's capabilities

external storage SSD requirements depend on how many cameras and microphones you plan to use, and the resolution of the cameras. For general use, a 200 GB SSD is recommended, but this can be adjusted based on your specific needs.

PRODUCT CERTIFICATIONS



Certification IPVM

IPVM validates expertise in video surveillance, including IP cameras, networking, and analytics.



Certification Vivotek

Vivotek Certified skills in configuring and deploying VIVOTEK IP surveillance systems.

REQUIREMENTS

Compatible Device: E-3260 or E-3460

Pre-Install: Compatible IP cameras & number of cameras

Local Storage: SSD size based on camera count (e.g., 1TB+ for 5 cameras)

Cloud Storage: Optional, configured separately via Orchestrator

CONTACT US!

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