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# MEGAPIX® IVA/IVA+™

IP cameras with Intelligent Video Analytics

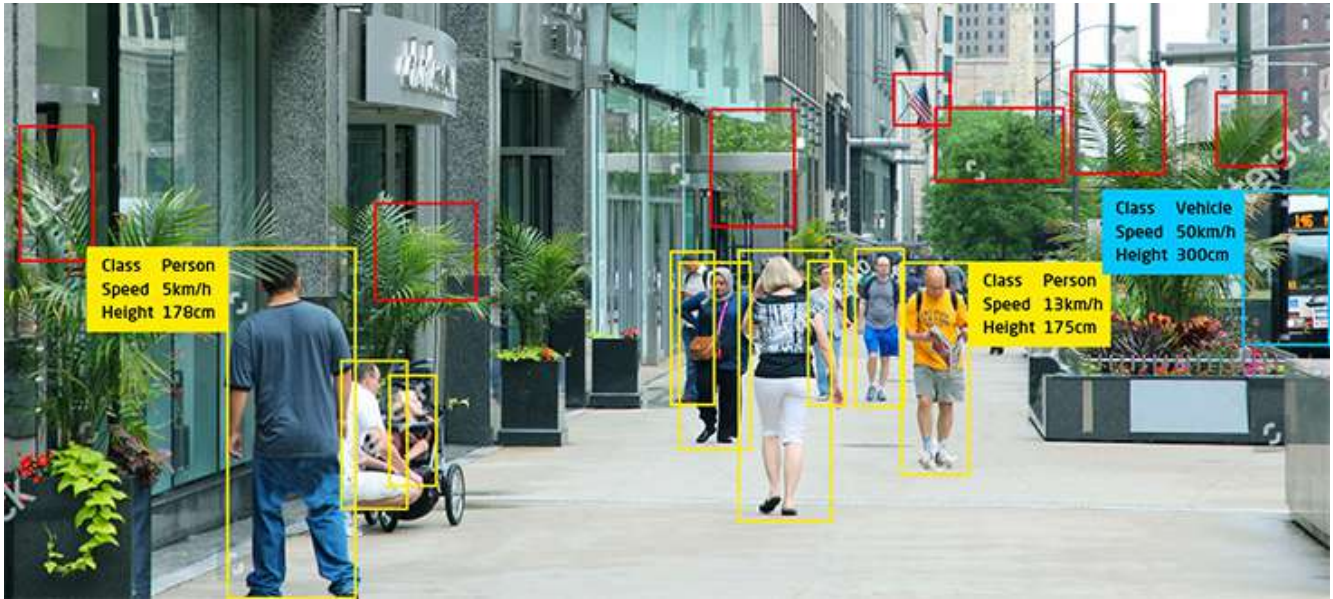


NDAA-compliant powerful Intelligent Video Analytics (IVA) detecting and classifying people and objects in real-time.

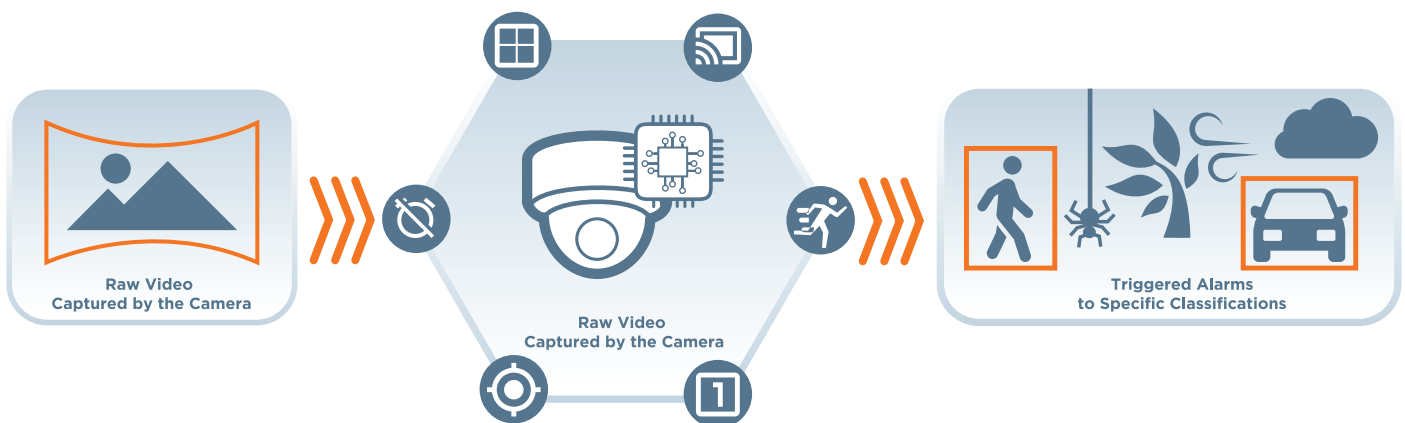


# What is MEGApix IVA?

The analysis of video content by the IVA engine provides users the ability to automatically analyze video, detect and determine events at the edge. Processing the raw video data in the camera itself, near the source, significantly reduces bandwidth consumption increases accuracy and reduces response time.



Using Logical Rules with multiple zones and virtual tripwires linked together, the MEGApix IVA cameras can be configured with multiple trigger points, allowing for a greater event detection level.



By providing quick deployment and easy setup features MEGApix IVA cameras are up and running quickly with a minimal amount of effort.

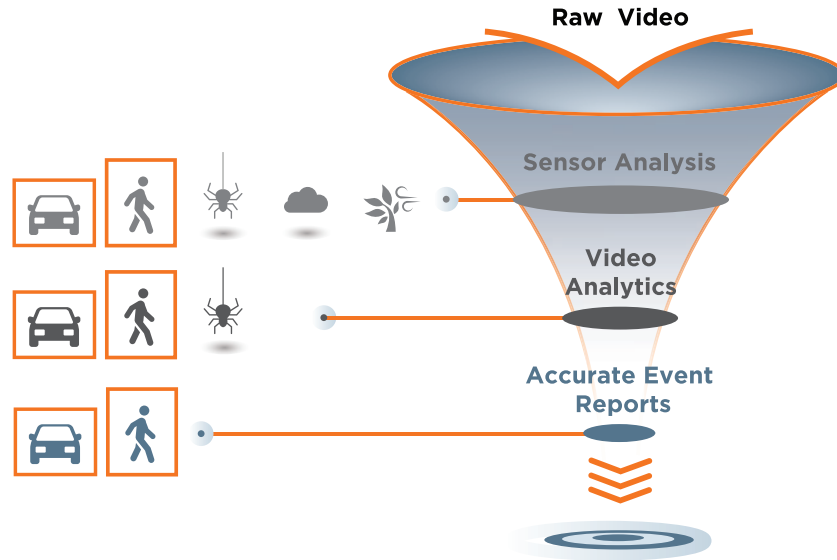


Manage your recording storage smarter by fine-tuning events and alarms to be recorded. Combining IVA analytics, logic rules and non-detection zones, users can create conditions unique to their environment people and objects must trigger to activate an alarm. Smart management of your available storage.



# Camera as a System

MEGApix IVA's intelligent algorithms offer better object classification and identify environmental elements. The result is a substantial reduction in false alarms for control room operators and security personnel. By allowing only valid events to filter through MEGApix IVA cameras increase efficiency, productivity and cut unnecessary costs.



- Logic Rules
- Tailgating
- Intrusion
- Tamper
- Stopped
- Object Removed
- Loitering
- Object Left
- Appear
- Counting Line
- Disappear
- Direction
- Enter
- Exit
- Line Crossing

MEGApix IVA analytics are seamlessly integrated with DW Spectrum IPVMS for easy configuration, real-time alerts and automatic notifications.



**MEGApix IVA** cameras include a base package of Intelligent Video Analytics detection capabilities already activated on the camera and ready for deployment. The **MEGApix IVA+** package offers additional advanced Video Content Analysis detection capabilities. These additional features can be purchased separately and easily added to your existing MEGApix IVA camera.



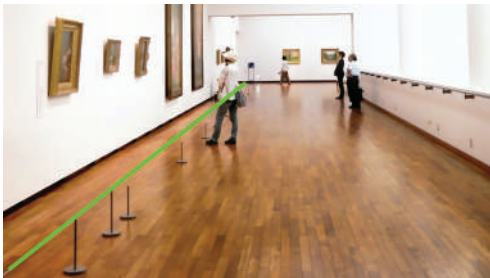
### Intrusion

Detect people or objects crossing into the detection zone.



### Line Crossing

Detect people or objects crossing the detection line.



### Counting Line

Calculate the number of people or objects crossing the detection line.



### Object Removed

Detect in real-time of objects removed from the detection zone.



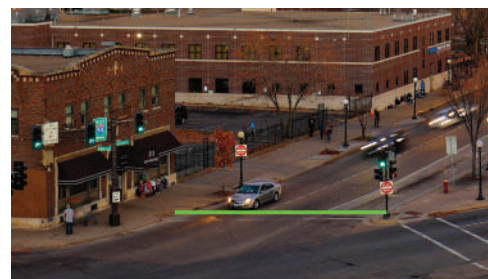
### Tailgating

Detect a person or object crossing the detection line within a set period from the previous people or objects that have passed through the detection zone.



### Direction

Detect people or objects crossing the detection line from a specific direction or angle.



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## Loitering

Detect people or objects entering the detection zone but not exiting after a set duration.



## Stopped

Detect people or objects stopped in the detection zone for a set duration.



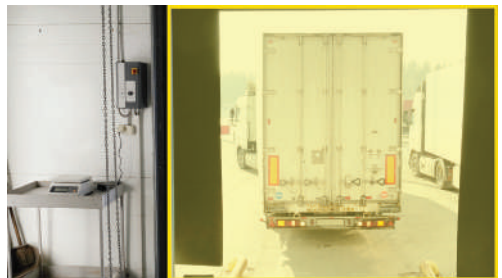
## Enter

Detect people or objects crossing into the detection zone's border from outside the zone.



## Appear

Start tracking people or objects in the detection zone without crossing into the zone.



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### Exit

Detect people or objects crossing the detection zone's border from inside the zone.



### Tamper

Detect camera tampering triggers an alarm.



### Disappear

Stop tracking people or objects in the detection zone without crossing out of the zone.



### Abandoned

Detect in real-time of objects left or abandoned in the detection zone.



### Ultra-wide single-sensor views

The ultra-wide view single-sensor bullet IP camera comes pre-loaded with IVA or IVA+ analytics engine and can deliver real-time 30fps crystal-clear video with a 2.3mm ultra-wide view lens. The camera offers wide-area situational awareness and edge-to-edge image clarity without pixel loss, suitable for narrow corridor installations, with clear images as close as 19.5-23.5 inches from the camera.



### Easy image stitching

The 360° view vandal fisheye IP cameras with IR monitor an entire room with a single camera, providing the ultimate ROI. The 9MP and 5MP sensors produce real-time 30fps panoramic images.

### NDAA Compliant

DW® IP cameras, analog cameras, NVRs, DVRs, network devices and management software sold and distributed worldwide are designed and developed in U.S.A. and Korea. Manufactured in Korea.

Most DW® products qualify for GSA Schedule Contracts and other government opportunities because they are NDAA compliant.



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