



Analytics Onboard the Camera

intuVision Edge provides video analytics directly in your surveillance camera without the need for additional hardware for processing.

With widest selection of event rules on the edge and companion edge Event Management Application and flexible licensing options intuVision Edge presents a comprehensive edge analytics solution for integrated smart cameras.

Event Rules and Classification

intuVision Edge meets a range of requirements with built-in person and vehicle classification and events to choose from:

- Activity
- Enter/Exit
- Left Object
- Object Taken
- People Counter
- Speeding
- Throughput
- Vehicle Counter
- Wrong Way
- Zone Intrusion

Edge events are easily setup via the intuitive web interface and detected alarms trigger actions such as sending email notifications or playing audio clips as supported by the camera. Please contact intuVision for compatible camera models and refer to your camera's user guide for details about supported actions, integrated devices, and other camera functionalities such as triggers and configuration.





Edge Vehicle/People Counting

intuVision Edge Vehicle and People Counters provide an edge solution optimized to work in medium or light foot or vehicle traffic areas with fixed camera views.

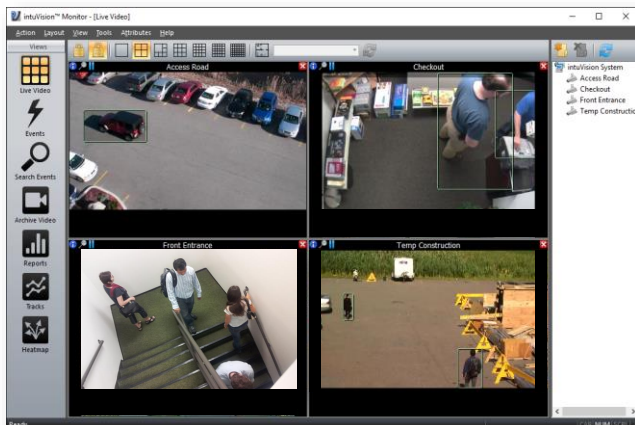
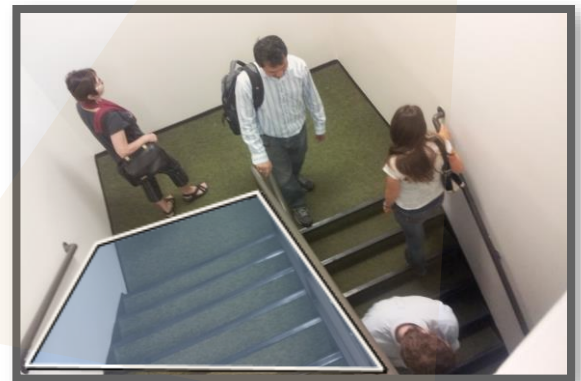
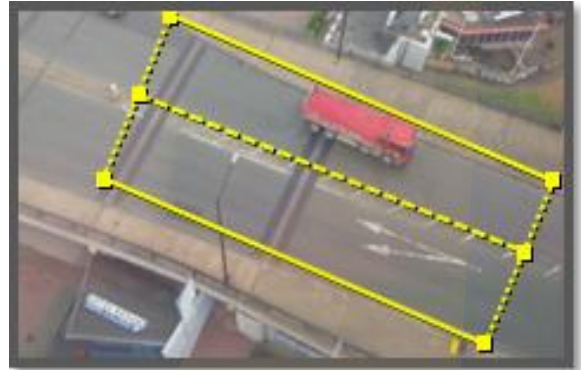
Vehicle Counter allows specifying traffic lanes for roadways to obtain separate counts for each lane or can be used at small intersections as well as counts at ingress/egress points of parking lots.

People Counter is well suited for indoors and outdoors views with light to medium foot traffic, such as building and retail store entrances.

intuVision Edge Counters store count data directly on-board the camera for 90 days and facilitate graphing the counts in real-time, providing a simple alternative for collecting people or vehicle traffic statistics.

Edge Event Review and Management

intuVision's server-side Review and Management System is integrated with edge analytics for viewing, graphing, and exporting any edge event data. The Event Review and Management tool allows for working with integrated video managements systems such as Exacq, Milestone, Cisco VSM and others.





Event Rule	Description
Activity (Loitering)	Detect people or vehicular activity, specify duration for simple loitering
Enter/Exit	Detect vehicles or people as they enter or exit an area
Left Object	Detect if an object has been left behind unattended
Object Taken	Detect when a monitored object is removed from its place
People Counter	Count customers and pedestrians in views with light or medium traffic
Speeding Object	Detect speeding vehicles or fast moving people
Throughput	Detect vehicles or people crossing user-specified edges of the zone
Vehicle Counter	Count vehicles in light traffic by direction and report by lane
Wrong Way	Detect vehicles or people moving in a user-specified direction
Zone Intrusion	Detect when vehicles or people enter into a restricted area

One or more edge analytics events can be activated on a camera (controlled by license) depending on the hardware models and capacity.

Edge analytics are based on intuVision's patented server-side algorithms optimized for efficiency and performance on the camera hardware, recommended for use in light traffic areas. Scene lighting limitations are dependent on the camera used and the weather conditions such as rain and snow may degrade the accuracy.