

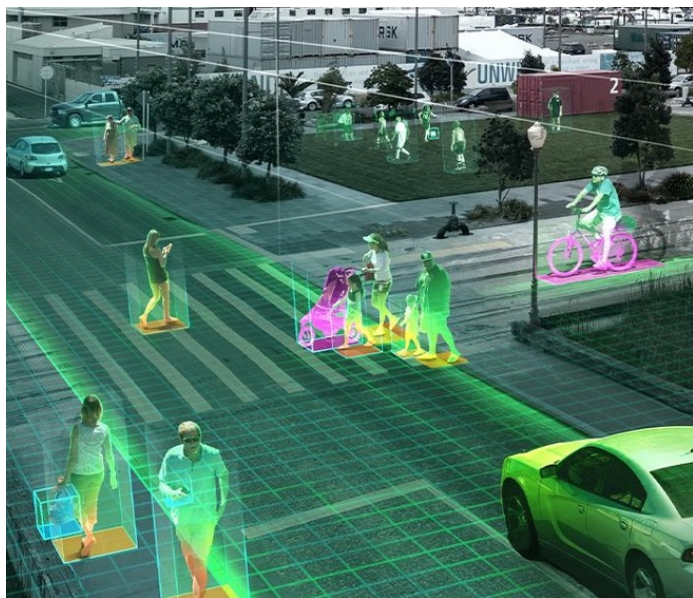


**WaveVCA**

## WaveVCA

Video Content analytics makes surveillance systems more efficient, reduces the workload on security and management staff, and helps capture the full value of security video by making your IP camera system more intelligent in its work. Today video content analytics have become more versatile in their potential applications, from high-security perimeter protection to traffic counting and retail intelligence, at Wavesys we have the capability to provide you with a solution.

WaveVCA works on IP video footage and uses our sophisticated algorithms to identify and classify object types and identify behavior in real time, providing alerts and events to our users. Wavesys intelligent cameras can be used in many different scenarios providing a much greater return on investment than ever before.



We cover wide range of rule-based analytics solutions thus enabling quick detection of break-in or accidents. Our analytics range include

### Basic features

**Analytics Engine** VCA Technology's advanced tracking algorithm with rich library of detection behaviors

**Detection Zones and Rules** 40 zones (Multi-segment Polygons and Lines) in total, 60 rules in total as standard

**Intrusion Detection** Detection of the presence of an object

**Tamper Detection** Supported as standard

### Optional features

**Detection Behavior** Enter, Exit, Appear, Disappear, Stop, Direction, Dwell filter; Speed filter, Abandoned/Removed object filter\*1, Tailgating; Color Filter\*1

**Logical Rules** Extends standard rules to allow various combinations of the inputs

**3D Behavior** Perspective Corrected Size and Speed Filters

**Object Classification** - Configured Max./Min. object sizes and Max./Min. speeds

**People Tracking\*1** Tracks individuals separately among overlapped multiple people

**Counting Line** High accuracy people and vehicle counting, 20 counters in total

**Meta Data** JSON format, Plain XML format



Intrusion  
Detection



Zones &  
lines



Tamper  
Detection



Camera  
Shake  
Cancellation



Appear &  
Disappear  
Filter



Stopped  
Filter



Dwell  
Filter



Enter & Exit  
Filters



Tailgating  
Filter



Speed  
Filter



3D  
Calibration



Object  
Counting



People  
Tracker



Colour  
Filter



Abandoned  
Object  
Filter



Removed  
Object  
Filter



Direction  
Filter



Logical  
Rules



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