Quadrox Video Analytics

Advanced Protection and Monitoring

Quadrox Video Analytics is a highly reliable video analytics system which offers an easy to use, cost-effective, highly accurate and flexible solution for multiple surveillance applications.

QVA – easy and effective surveillance solution

- Robust tracking engine - resistant to sources of false alarm due to changing environmental conditions;
- Automatical adaptation to varying lighting and weather conditions;
- Simple detection zone - via a web browser interface with no special software required;
- Standard based - HTTP API for configuration and event notification; RTSP for video streaming XML based event and tracking data output;
- Built in analytics stabilisation - working with swaying cameras without performance degradation;
- Rapid 'learning time' of ~ 5 seconds - detection is suppressed during camera movement;
- Unique, easy to use, 3D calibration - suitable for overhead and side-viewing cameras;
- Full Forensic Metadata stream in XML format for customer use.

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1. Stopping filter

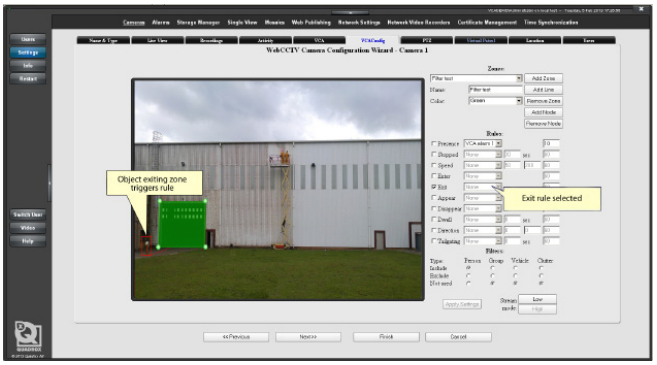
Objects that are stopped inside a zone for longer than the defined amount of time will trigger the rule and raise an alarm.

2. Dwell filter

Objects that dwell inside a zone for longer than the defined amount of time will trigger the rule and raise an alarm.

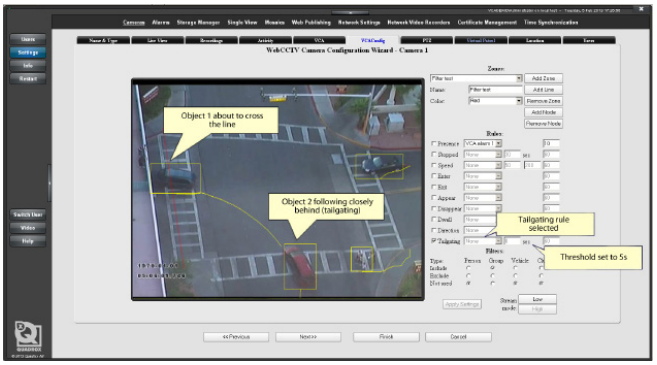
3. Enter and Exit filters

An object entered alarm is raised when an object crosses from the outside to the inside of a detection zone. Conversely, an object exited alarm is raised when an object crosses from the inside to the outside of a detection zone.



4. Appear and Disappear filters

An object appear alarm is raised when an object appears inside a detection zone (the object must be initially detected inside the zone without entering). Conversely an object disappear alarm is raised when an object disappears inside a detection zone.

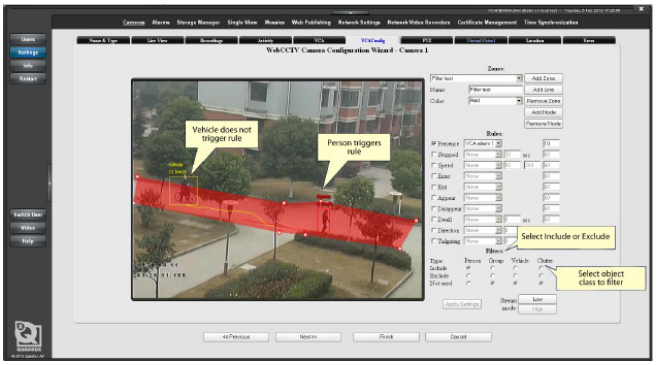


5. Speed filter

Objects that travel within the bounds of the configured speeds, through a zone or over a line trigger the rule and raise an alarm.

6. Filter on object class

Makes it possible to include or exclude specific object types in the detection rules.

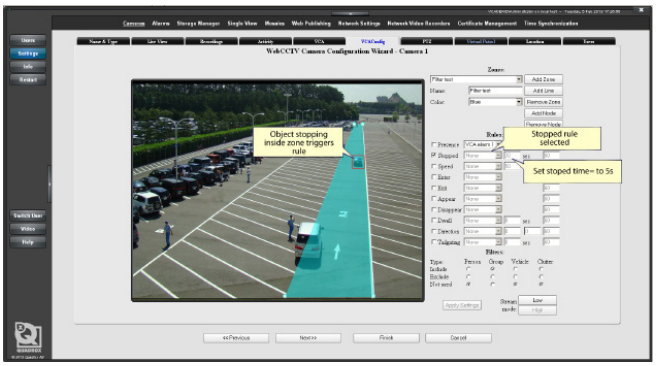


7. Direction filter

Objects that travel in the configured direction (within the limits of the acceptance angle) through a zone or over a line trigger the rule and raise an alarm.

8. Presence filter

Objects that are present inside a zone or pass through a line will trigger the rule and raise an alarm.



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