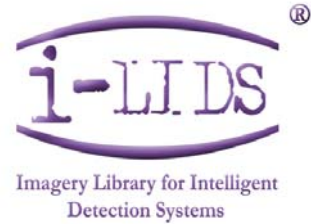
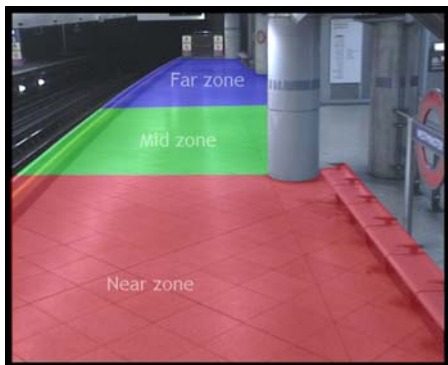


i-LIDS bag and vehicle detection challenge (AVSS 2007)



Task 1: Abandoned baggage

Abandoned bag scenario definition



Stage 1: Detection area

For indexing purposes the stage 1 detection area is split into 3 arbitrary zones; 'near', 'mid' & 'far'.

Note. The definition of these areas is not mandatory for the AVSS 2007 challenge

Abandoned bag alarm definition

- During the current clip, a person has placed an object which was in their possession in the detection area &
- that person has left the detection area without the object &
- that person has still not returned to the object over sixty seconds after they left the detection area &
- the object remains in the detection area.

XML indexing schema

Filename – Name of video file (inc .qtl suffix)

Stage - <1 | 2> Camera view (1=Platform, 2=Walkway)

Duration – <hh:mm:ss> Length of the clip

AlarmEvents – Number of alarm events in the clip

PeriodOfDay - <Low|Medium|High> Low=6-10pm; Medium=10am-2pm;
High=3-7pm

Alarms –

Alarm -

StartTime – <hh:mm:ss> Time elapsed in clip when alarm condition met

AlarmDescription – <Abandoned object>

AlarmDuration – <hh:mm:ss> Length of time for which the alarm condition remains valid

ObjectZone - <Near | Mid | Far> Zone of object within detection area

ObjectDescription - <Bottle | Drinks can | Family suitcase | Newspaper |

Paper | Rucksack | Sports Bag> Type of object causing alarm

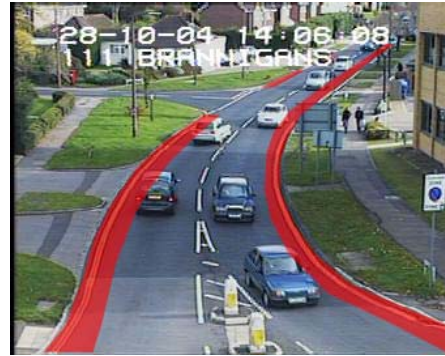
SuspectDressCode - <Smart | Casual> Dress code of object owner

Task 2: Parked vehicle

Parked vehicle scenario definition (The no parking zones are highlighted in red)



Stage 2: No parking zones



Stage 3: No parking zones

Note. Precise camera alignment can vary

Parked vehicle alarm definition

- during a clip, a vehicle stops within a no parking zone &
- the vehicle remains stationary &
- over sixty seconds have passed since the vehicle stopped

XML indexing schema

Filename – Name of video file (inc .qtl suffix)

Stage - <1 | 2 | 3> Camera view

Duration – <hh:mm:ss> Length of the clip

AlarmEvents – Number of alarm events in the clip

Weather –

TimeOfDay – <Dawn | Day | Dusk | Night>

Clouds – <None | Some | Overcast> (daytime only)

Rain – <Yes | No>

Snow – <Yes | No>

Alarms –

Alarm -

StartTime – <hh:mm:ss> Time elapsed in clip when alarm condition met.

AlarmDescription – <Vehicle parks in a no parking zone>

AlarmDuration – <hh:mm:ss> Length of time for which the alarm condition remains valid. Zero for “Person exits vehicle” alarms.

Distance – <4%...20%> Estimate percentage screen height of a HOSDB rotakin at the position of the alarm subject.

SubjectDescription – <Ambulance | Car | MPV | Minibus | Truck | Van>

SubjectOrientation – <Facing away from camera | Facing towards camera>

Note 1. With reference to the XML indexing schemas presented above, only **StartTime**, **AlarmDescription** and **AlarmDuration** are mandatory fields for i-LIDS bag and vehicle detection challenge (AVSS 2007). Please report the resulting values in your AVSS 2007 paper in the form of a Table.

Note 2. As the i-Lids (AVSS 2007) dataset is a subset of the full i-Lids dataset, for Task 1 the value of “Stage” is always 1; for Task 2 the value of “Stage” is 3 for the Easy, Medium and Hard clips and 2 for the Night clip.