

CONVENIENT USE FOR

Area intrusion
Boundary crossing
Perimetric surveillance
External areas
In-house areas
Camera on mast

ROBUST AND EFFICIENT

Robust against climate changes (sun, rain, snow, ...)
Robust against scene light changes (reflects, clouds, ...)
Avoid all false detections due to other mobile objects :
cars, trucks, animals, vegetation with wind, ...
Detect a human from 10 pixels height, allowing far
detection in wide areas

EASY AND FAST

Configured in 3 clicks
Optionnal region of interest
Real-time, no resolutions limit



3 CLICKS CONFIGURATION

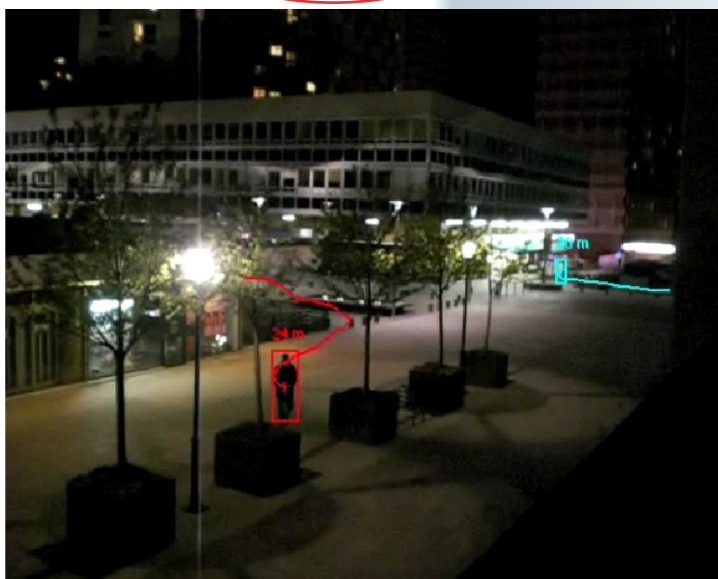
ROBUST IN ALL CONDITIONS

DETECT AND TRACK

- Security
 - Parkings
 - Construction sites
 - Places, streets
- Defense
 - Vehicle observation
 - Intrusion
 - Line crossing
 - Thermal cameras
- Video Surveillance
 - Camera on mast
 - PTZ cameras
 - Indoor
 - Outdoor
- Available in recorder ST4400 from STIM

3-CLICKS CONFIGURATION

FAR DETECTION



DETAILED TRACK INFORMATION

ROBUST TO NOISE AND LIGHT CHANGES

TECHNICAL DETAILS



INPUT VIDEO

YUV420 / YUV422 / YUV444
2CIF, 4CIF, PAL, 1MPix, 2MPix, 3MPix
Visible / infra-red

OUTPUT

Detection boundary box
Distance from camera, speed, classification
Track and movement history

LIBRARY CHARACTERISTICS

Code Size < 1500 kB
memory usage : 160 MB for SD
processor use : 1/2 physical core
provided with :

- C/C++ API interface
- code usage example
- full demonstration program

LIBRARY DESCRIPTION

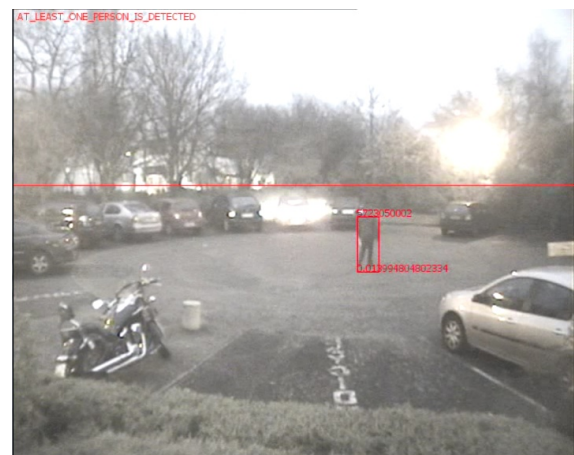
Video intrusion detection shared Library
Available for windows and linux
(both32/64bits)
C/C++ API mutli-thread compatible
Real Time
Full Frame Rate



Tracking and people classification even in complex scenes with cars and occultations



Robust to changing light conditions and moving vegetation



Perfect detection even with noisy pictures and strong lights (car headlights, floor lamps, ...)



Stable detection in low-light and raining conditions

PixFOD

