




KiwiVision[®] Queue Detector

The KiwiVision[®] Queue Detector automatically analyzes queues in order to detect overcrowding.

Not only the crowd is analyzed in a specified area, but also the flow of motion and its pace. The KiwiVision[®] Queue Detector can be employed in all places where queues can occur and the analysis results can be consulted to dissolve the queue.

Thus, for instance, it is possible to find out that a new cash desk needs to be opened at a supermarket or to analyze the queue at a ticket office at a railway station.

At the airport, the check-in area can be analyzed in order to detect an approaching crowd and provide the passport control with a larger number of security personnel.

Fields of Application

- Cash desks
- Security checks
- Emergency exits

Features

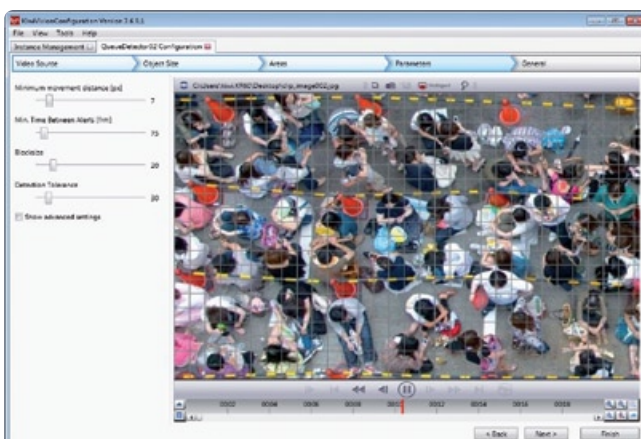
- Alarm if a defined queue length is reached
- Crowd analysis & crowd density estimation
- Analyzing the speed of the flow
- Estimation of the average waiting time

REQUIREMENTS

- KiwiVision[®] Connection Platform

- Minimum resolution: 640 x 480 px
- Minimum frame rate: 12 fps

- Minimum object size: 20 x 20 px



The configuration of the KiwiVision[®] Queue Detector. Analysis areas can freely be drawn