

CROWD NUMBERING

CROWD NUMBERING IS A VIDEO ANALYSIS APPLICATION THAT PERFORMS ACCURATE REAL-TIME COUNTING OF SUBJECTS PRESENT IN A PRE-DETERMINED AREA.

CrowdNumbering allows you to follow in real time the evolution of the number of subjects present in one or more zones that you have predetermined. Thus, **CrowdNumbering** allows to know precisely and in real time the number of people present in a meeting area or the number of cars in a parking lot for example.



FEATURES

- Real-Time automatic People Counting
- Very fast and easy setup
- Calculation of the occupancy rate
- Integration of results in an operating interface
- Ability to detect different targets
- Use of AI
- Robust to shadow and other light artifacts
- Multiple counting points with the same camera

APPLICATION

This solution allows the counting of different types of targets in one or more zones and to know their occupancy rate:

- Counting people in a rescue staging area
- Counting of cars in a car park, detection and counting of free spaces
- Counting of people on a station platform

ADVANTAGE

- Cost-effective solution
- High counting performances
- Data Management Platform for centralization and use of data
- Sends alarms to a VMS
- References in many sensitive projects
- Can work on existing CCTV cameras, PTZ cameras, IP cameras
- Very robust to changing outdoor conditions
- Detection of specific targets using Al
- Direct and flexible support





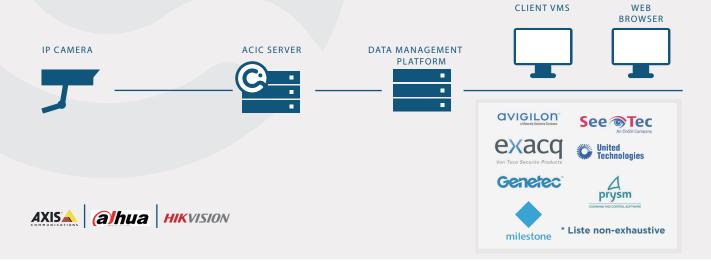
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In order to optimize the use of counting results, it is possible to integrate them into the operating environment: The Data Management Platform (DMP). This DMP is our interface for centralizing the counting data generated. This tool is provided as a VM (linux) and can be deployed on the analytics server. It provides an overview of a site as well as its count results.





REFERENCE

SNCF RER B / RER C

CrowdNumbering monitors the people density on the station platforms of the RER B (SNCF - Paris Railways).

More than 750 video streams are processed allowing traffic control team to manage tense situations on the rail networks.

PART NUMBER

REMIU

DYNAMIC

FEATURES:

8 zones and 2 types of objects:

- Head & People Counting

INCLUDED OPTIONS:

• DNN / AI: 2 types of objects [List of object types available on demand (vehicle, truck, bicycle, ...)]

• Anomaly detection base : detection of basic camera anomaly: camera occlusion, loss of signal.

SERVER VERSION

Not available For all cameras native linux

Virtual machine (vmware, HyperV)

Gpu recommended

FEATURES [BASE]:

CROWD NUMBERING Base

- Base of one class DNN
- People and head detection
- 1 zone available

PART NUMBER

DYN-CN-SERVER-BASE

ASSOCIATED OPTIONS:

DYN-CN-SERVER-OPT-AI DYN-CN-SERVER-OPT-PTZ DYN-CN-SERVER-OPT-ANOM

DYN-CN-SERVER-OPT-STAB DYN-CN-SERVER-OPT-FAIL

DYN-CN-SERVER_OPT_ZONE

ASSOCIATED PRODUCTS:

DMP-SERVER-BASE HDW-SERVER-OD

DNN/AI objects classes Option PTZ adaptation Option

Full Anomaly Detection Option Camera Stabilization Option Failover Option

Additional zone (max 8)

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Data Management Platform

Appliance Server on demand



EDGE VERSION