

Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)		Nr - No.			
Sara Hedfors		POL115-110311-01			
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Camera based Vehicle Counter

Product Overview



TrueView Parking™ fully embedded for IP cameras

TrueView Parking™ is a milestone in parking management and embedded video analytics. The entire system is 100 % IP network based using only standard network cameras and IP supported displays for counting and showing traffic to and from parking facilities. The system requires no auxiliary PC or PLC, no inductive loops and no costly pavement work.

Description

TrueView Parking™ is a product for counting and managing occupancy in parking garages. The software installs directly into standard IP cameras, which are placed in the ceiling over entrances and exits for counting vehicles to and from the facility. One camera can be assigned to be master collecting and managing the traffic data from all other cameras in the system. The master camera can also be configured to send the occupancy level directly to displays.

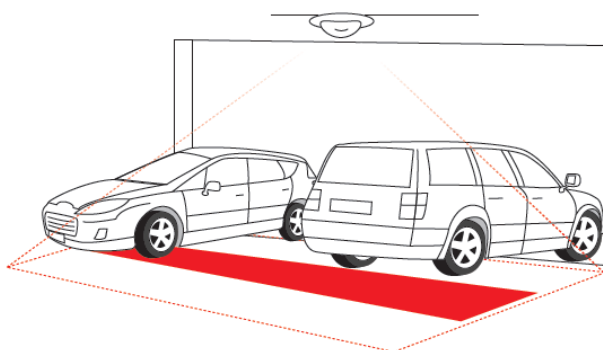
TrueView Parking™ offers a unique, cost efficient, scalable, and easy-to-install solution, that is 100 % IP based and built on standard off-the-shelf hardware. Using world leading embedded video processing software, all counting is done locally on the cameras dramatically reducing Ethernet bandwidth requirements and increasing system reliability. The complete solution is easily installed in an existing local area network and configuration can be done at any physical location using a standard web based interface.

Benefits from vehicle counting

- Cost effective parking management
- 100 % IP network based
- No inductive loops or costly pavement work.

Managing data

The occupancy level of the car park can be monitored in real time by pointing your web browser to URL of a camera loaded with TrueView Parking™. It does not require any additional software or hardware. Traffic data can also be managed through the optional software package TrueView Web Report™ which is an efficient statistics tool that works seamlessly with TrueView Parking™. It helps you analyze traffic data, manage multi-site car parks and allows export of data in a variety of open formats.



Two way counting of vehicles entering or leaving car park.

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Monitor in real time the occupancy level of the parking facility by pointing your web browser to URL of a camera loaded with TrueView Parking™.



Axis P3343-VE equipped with TrueView Parking™ offers an unmatched parking management solution, not requiring any PC, PLC, or inductive loops.

System overview

TrueView Parking™ is an automated stand-alone, two way vehicle counting system for ceiling mounted cameras at entrances and exits. The entire systems consists of the cameras loaded with TrueView Parking™ software and IP supported displays and can be installed on a common local area network. One camera can be configured to be master collecting and managing the traffic data from all other cameras in the system. The master camera can also be configured to send the occupancy level directly to displays that guides the traffic.

The installation is so easy that it can be performed and maintained by your own staff. Accessing the camera over IP is very cost efficient for maintenance, where you can manage camera and vehicle counting remotely. This includes downloading or streaming of video remotely. Data can be retrieved for analysis on timed intervals as frequent as one minute. The software is modular and completely autonomous with all counting done on the camera's CPU, requiring no dedicated PC.

Features

- No inductive loops or costly pavement work is required.
- Display occupancy level directly from camera.
- Fully embedded software for standard network camera.
- 100 % IP - cost efficient, scalable, maintainable and future proof.
- Built in graphs in the camera web interface.
- Easy to install and setup.
- Maintain system remotely over IP, set and monitor parameters, download or stream video.
- Two way counting: Counts vehicles moving in two directions simultaneously.
- Leading digital image processing minimizes shadow and reflection problems.
- Open protocol lets you integrate with data from other systems.

Specifications

- Fully embedded.
- Minimum height over floor: 3 meters
- Maximum entrance width: 5.0 meters.
- Cameras: Axis P3343-VE
- Displays: POLTECH LDPH20/6