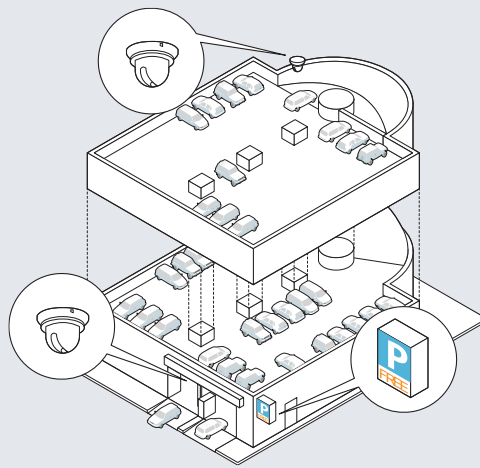


Cognimatics® is the global leader in embedded video analytics. The company offers effective and innovative imaging products for the retail and transportation sectors.

# COGNIMATICS

When an image is not just an image

## TrueView Parking®



**WITH THE NUMBER OF CARS STEADILY INCREASING IN URBAN AREAS**, the need and feasibility for high capacity parking garages is increasing. A relaxing shopping or visitor experience begins with convenient car parking. Make it simple and easy for your customers with TrueView Parking® a milestone in parking management and embedded video analytics. The entire system is 100 % IP network based using 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.

**BASED ON COGNIMATICS'S PATENT PENDING TECHNOLOGY** for video analytics, TrueView Parking® offers cost efficient, scalable, and easy-to-install vehicle counting. It is a powerful stand-alone counting application embedded directly in IP cameras, letting users leverage existing IP networks. All counting is done locally on the camera dramatically reducing Ethernet bandwidth requirements. 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

Use your precise knowledge about traffic statistics to:

- Improve the parking infrastructure, development and planning.
- Follow and analyze trends in traffic activity and occupancy of the parking garage and individual floor levels.
- Provide a better overall visitor experience by managing parking availability professionally.



AXIS P3364-VE (6mm lens) equipped with TrueView Parking offers an unmatched standalone parking management solution, not requiring any additional hardware.



LiveView of TrueView Parking from inside the camera.

## REPORTING

TrueView Parking® lets you view important statistics like:

- number of vehicles entering and existing,
- number of cars per floor,
- floor occupancy and overall parking garage occupancy.

Data is updated in real time by logging into the camera via your web browser. It does not require any additional software, however with the additional software package **TrueView Web Report®** you get a powerful statistics tool that works seamlessly with TrueView Parking®. It helps you analyse vehicle traffic data, and export data to compare with other data that is relevant for you for example daily weather conditions

## 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. IP supported displays and can be installed on a common local area network. One camera can be configured to be the 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. The software is modular and completely autonomous with all counting done on the camera's CPU, requiring no dedicated PC. Manage, analyze and view data from any number of units and from multiple sites, using **TrueView Web Report®**.

## FEATURES

- No inductive loops or costly pavement work is required.
- 100 % IP - cost efficient, scalable, maintainable and future proof.
- Display occupancy level directly from camera. Support for leading IP display manufacturers.
- Fully embedded software for standard network camera.
- Configure all parking areas or levels from one centralized web page on one master camera.
- Automated validation of the network connection in the system.

- Observe the occupancy levels of all different parking areas or levels from one web page on the master camera.
- Seamless integration with TrueView Web Report®.
- Easy to install and setup.
- Maintain system remotely over IP, set and monitor parameters, download or stream video.
- Push counting data automatically from camera to TrueView Web Report®.
- Unlimited number of cameras to a site or portfolio of sites when combined with TrueView Web Report®.
- Two way counting: Counts vehicles moving in two directions simultaneously.

- Detection and accurate counting of cars with trailers
- Open protocol lets you integrate with data from other systems.

## SPECIFICATIONS

- Fully embedded.
- Minimum height above ground: 2.5 meters
- Maximum entrance width: please see manual.
- Supported Axis models: P3364-VE & P3364-LVE (6mm lens)
- Supported displays: Poltech LDPH20/6, Messagemaker

## CONTACT INFORMATION

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## ABOUT COGNIMATICS

Cognimatics, the leader in Cognitive Vision, has its roots at the Mathematical Department at Lund University, Sweden. With a team of world leading researchers from the field of Video Analytics, Cognimatics' technology rests on a sound scientific foundation.

## COMPANY MISSION

Cognimatics works in close cooperation with the university to take new results from research to the market efficiently.

## VIDEO ANALYTICS

Video analytics is a field of research, where the goal is to teach computers to interpret image streams intelligently like humans do. Cognimatics, the global leader in embedded video analytics, is dedicated to providing efficient and innovative imaging products the retail and transportation sectors.

[www.cognimatics.com](http://www.cognimatics.com)