

Cognimatics AB  
Ole Römers väg 12  
223 70 Lund, Sweden  
Office: +46 46 286 31 20  
Fax: +46 46 286 85 07  
E-mail: info@cognimatics.com  
Web: www.cognimatics.com

Cognimatics, the leader in Cognitive Vision, is dedicated to providing efficient and innovative products within its two business segments - Mobile Communications and Intelligent Surveillance.



## Camera-based Digital Fence™ 1.0

Product Overview  
Cognimatics Industrial applications



### TrueView Digital Fence™ fully embedded for AXIS IP Cameras

With TrueView Digital Fence™ you can define areas in a camera's view where no objects as for example humans are allowed to be. If an object enters the forbidden zone an alarm is automatically sent to your system. By using the product you get an aiding system for securing areas and it is a system that never gets unfocused or tired. TrueView Digital Fence™ has proven to work well in both outdoor and indoor conditions.

TrueView Digital Fence™ is a unique product for the surveillance industry, an easy-to-use and reliable security system. Based on Cognimatics' leading patent pending technology for Cognitive Vision, TrueView Digital Fence™ offers a cost efficient, infinitely scalable, easy-to-install and flexible system for an automatic virtual Digital Fence with superior accuracy. This is why TrueView Digital Fence™ is the right choice for you.

#### System overview

TrueView Digital Fence™ is an automated surveillance product that allows security personnel to create virtual perimeters by drawing a line on a digital view of what the camera is observing. Objects such as people or vehicles crossing the virtual Digital Fence boundaries signal an alert. The product lets the user set the minimum size for what objects to signal for. It is also possible to define if an alarm should be triggered only for object passing the line from one chosen direction or from both directions. TrueView Digital Fence™ is field proven for both outdoor and indoor usage. Powered by leading patent pending image processing software it runs on standard hardware. The installation is easy and can be performed and maintained by your own staff.

TrueView Digital Fence™ runs embedded directly on board a selected range of different network cameras. All intelligent video processing is done on the camera removing the need for a dedicated server. Having all the processing on the camera gives a solution that is infinitely scalable.



Safeguard your facility by setting a perimeter.



Trigger alarm on any object larger than a car crossing a virtual line. Reliable operations also in tough weather conditions.

### Features

- Automated system, operated in real time, fully embedded into AXIS IP cameras.
- Easy to install and setup.
- Maintain your people counter remotely over IP, set and monitor parameters, download or stream video.
- Units can be linked to monitor a wide fence.
- Inifinitely scalable system solution.
- Set minimum size of object for triggering alarm.
- Trigger alarm when object move over line in one chosen direction or both directions.
- Leading digital image processing overcomes shadow and difficult lighting problems.

### Specifications

- Fully embedded.
- Minimum height over floor: 3.5 meters
- Maximum entrance width: 4 meters.
- Platforms: AXIS 207W, AXIS 209FD-R, AXIS 212PTZ
- Browser plug-in: SVG (free download from Adobe)

### Distributed by:

#### CONTACT INFORMATION

Cognimatics AB  
Phone: +46 46 286 31 20  
Fax: +46 46 286 86 03  
info@cognimatics.com  
www.cognimatics.com

#### ABOUT COGNIMATICS

Cognimatics, the leader in Cognitive Vision, has its roots at the Mathematical Department at Lund University, Sweden. Having a team of senior researchers with more than a decade of experience from Cognitive Vision, Cognimatics' technology is built on a solid and sound scientific foundation.

#### COMPANY MISSION

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

#### COGNITIVE VISION

Cognitive vision is a field of research, where the aim is to teach computers to interpret images intelligently like humans do. It involves detecting people in pictures, finding objects in pictures, tracking objects and detecting events in video streams. Cognimatics, the leader in Cognitive Vision, is dedicated to providing efficient and innovative products within its two business segments - Mobile Communications and Intelligent Surveillance.

www.cognimatics.com

