

# the pelco consultant

Security and Surveillance Product Information for Architects and Engineers

## Surveillance Design Made Easy

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For decades now, architects, engineers, systems integrators and consultants have been using computer-aided design tools for planning and designing video surveillance, physical security, and other building systems. These tools have been an invaluable aid in accelerating system design. Yet, when it comes to camera selection and placement, design professionals have had to rely on their own vast knowledge, extensive site visits, and lots of tedious calculations to fine-tune their system design. Now, a new software offering from Pelco by Schneider Electric and Feeling Software, Inc. will greatly accelerate the video surveillance system design process.

### Pelco 3D Camera Design Tool

Pelco and Feeling Software have entered into a strategic agreement to make three-dimensional facility design and management of video surveillance systems a reality. The Pelco 3D Camera Design Tool will allow systems integrators, engineers, and architects to rapidly and simply generate three-dimensional representations of a property from two-dimensional AutoCAD drawings.

Once a three-dimensional model has been built, the Pelco 3D Camera Design tool will then allow users to experiment with optimal camera, lens, and placement choices to provide the desired coverage. Built-in pixels on object calculators and camera preview options allow system designers and integrators to optimize the cost of a new installation by selecting the appropriate combination of camera, lens, and placement to effect the best coverage possible for the client.

The Pelco 3D Camera Design Tool makes it easy to optimize camera placement without unnecessary repeat site visits – saving time and money in the design process. Built-in camera views offer immediate 3-D visual proof that all design requirements are met. For Pelco dealers, the tool also prints a bill of materials based on choice of cameras and lenses – with Pelco product numbers and quantities.

In today's global economic environment, improving the efficiency in every facet of a business is key to survival and growth. By building upon the impressive foundation of the Omnipresence 3D Pro Design software marketed by Feeling Software, the Pelco 3D Camera Design Tool seeks to make our channel partners that much more efficient in camera selection and placement planning.



## Introducing SureVision Technology: The New Standard for Image Quality

Traditionally, when a scene contains both brightly lit and shaded areas as well as intense light sources, image quality has been known to suffer. But new SureVision technology, exclusive to Sarix cameras, combines Wide Dynamic Range along with Low Light and Anti-Bloom capabilities into one highly intelligent technology. Sarix cameras with SureVision automatically deliver the best possible image in the most complex lighting conditions.

Sarix cameras with SureVision technology are currently available in both box and mini dome models, including the IX, IM-E, IM-V and IM Series.

By combining the power and performance of Sarix IX and IM Series cameras with the new SureVision technology, Pelco by Schneider Electric engineers have created a family of cameras that can handle light nearly as well as the human eye.

### SureVision Technology, featuring

- WDR
- Low-Light Performance
- Anti-Bloom Technology
- SVGA and 1.2MP
- H.264 up to 30FPS
- Auto Back Focus or Auto Focus
- Varifocal Lens
- Enhanced Sharpness

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## Sarix TI The Evolution of Thermal Imaging

Sarix TI Series Thermal IP Cameras offer a completely integrated, advanced thermal imaging device in a Pelco outdoor enclosure that is also capable of providing an analog video output. Delivering up to 640x480 thermal video resolution, these PTZ and fixed cameras provide outstanding sensitivity below 35 mK at f/1.0. It is capable of multiple display formats, including white hot, black hot and various color signatures.

Sarix TI is available with your choice of five lens configurations: 6.25mm, 14.25mm, 35mm, 50mm and 100mm focal lengths.

### Sarix TI Features

- PTZ and Fixed Models
- Designed for Maximum Environmental Protection
- Capable of IP or Analog Video Output
- Compact, Lightweight Aluminum Construction
- Meets NEMA Type 4X and IP66 Standards
- Complete with Sun Shroud and Heater/Defroster
- Long Wave Infrared (LWIR), Uncooled, "Sun-Safe" Amorphous Silicon Microbolometer
- 640x480, 384x288, or 160x120 Resolution Options
- 17 Micron Pixel Size (640x480 model)
- Sensitivity Below 50 mK at f/1.0
- User-Definable/Programmable Camera Settings
- 24 VAC or 24 VDC Power
- H.264 and MJPEG Compression
- Up to 2 Simultaneous Video Streams
- Built-In Analytics
- Various Lens Options

## How It Works

- Import a simple 2-D map of facility
- Create a 3-D representation of that facility
- Select your cameras and lens options
- Place cameras at different heights/angles
- Automatically calculate Field-of-View
- Automatically calculate Pixels-On-Object

## Benefits

- See your system design in 3-D
- Optimize camera placement
- Speed-up security planning
- Fulfill all design requirements
- Works with all Pelco cameras
- Free from Pelco



The Pelco 3D Camera Design Tool was recently demonstrated at the ASIS 2011 show in Orlando. Through the agreement with Feeling Software, Pelco will distribute and support this custom version of the innovative Omnipresence 3D Pro Design software package to its network of partners around the world. Pelco expects to release the tool to the market in the first quarter of 2012.

## Pelco Support for A&E

As the global leaders in video security, Pelco by Schneider Electric brings an unmatched combination of engineering and manufacturing expertise to the design and development of new solutions. For decades, we have provided leadership through outstanding design, unparalleled training courses and customer service. From Specifications to AutoCAD Drawings, look to Pelco by Schneider Electric for a level of assistance that is unrivaled in the video security industry.

## About Feeling Software, Inc.

Feeling Software develops advanced security technologies for improved public safety and private security. Its flagship product, Omnipresence 3D Central Command, is advanced Command & Control software for leading security conscious cities, military facilities, mass transit systems, airports, utilities, and large facilities. With its unique 3D interface, Omnipresence 3D provides a common monitoring and alarm platform for multiple security and safety sub-systems, including CCTV, fire, access control, and other third-party systems. For additional information, visit [www.feelingsoftware.com](http://www.feelingsoftware.com).

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