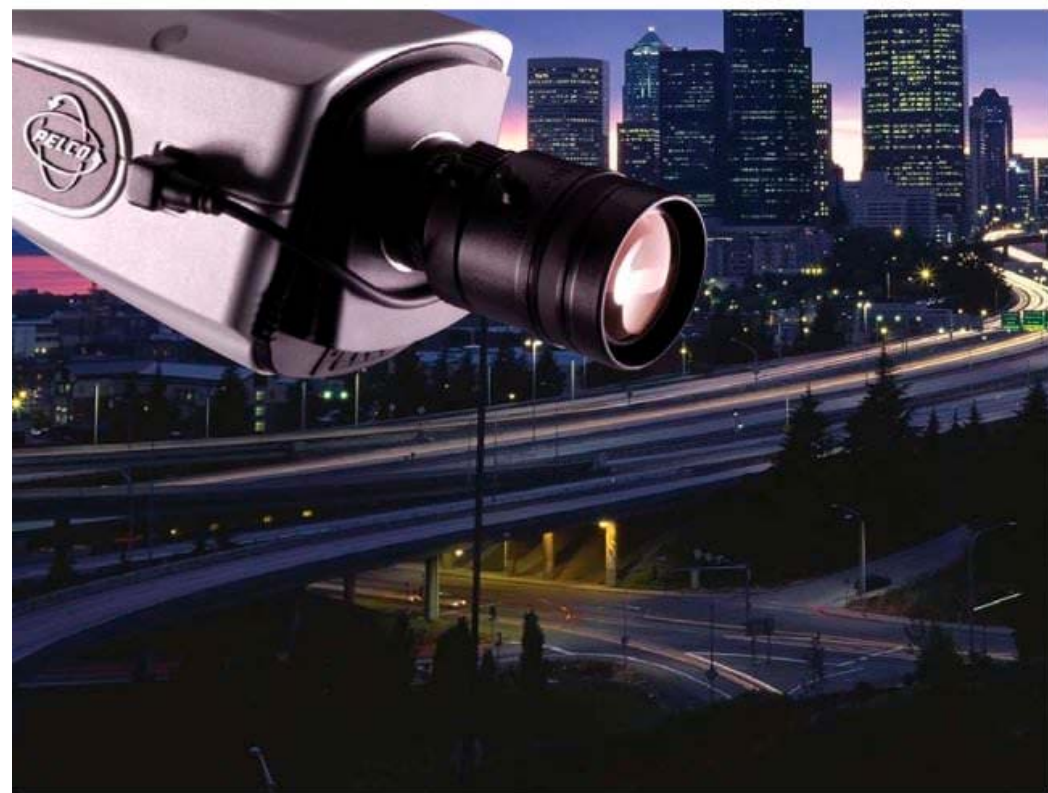




by Schneider Electric

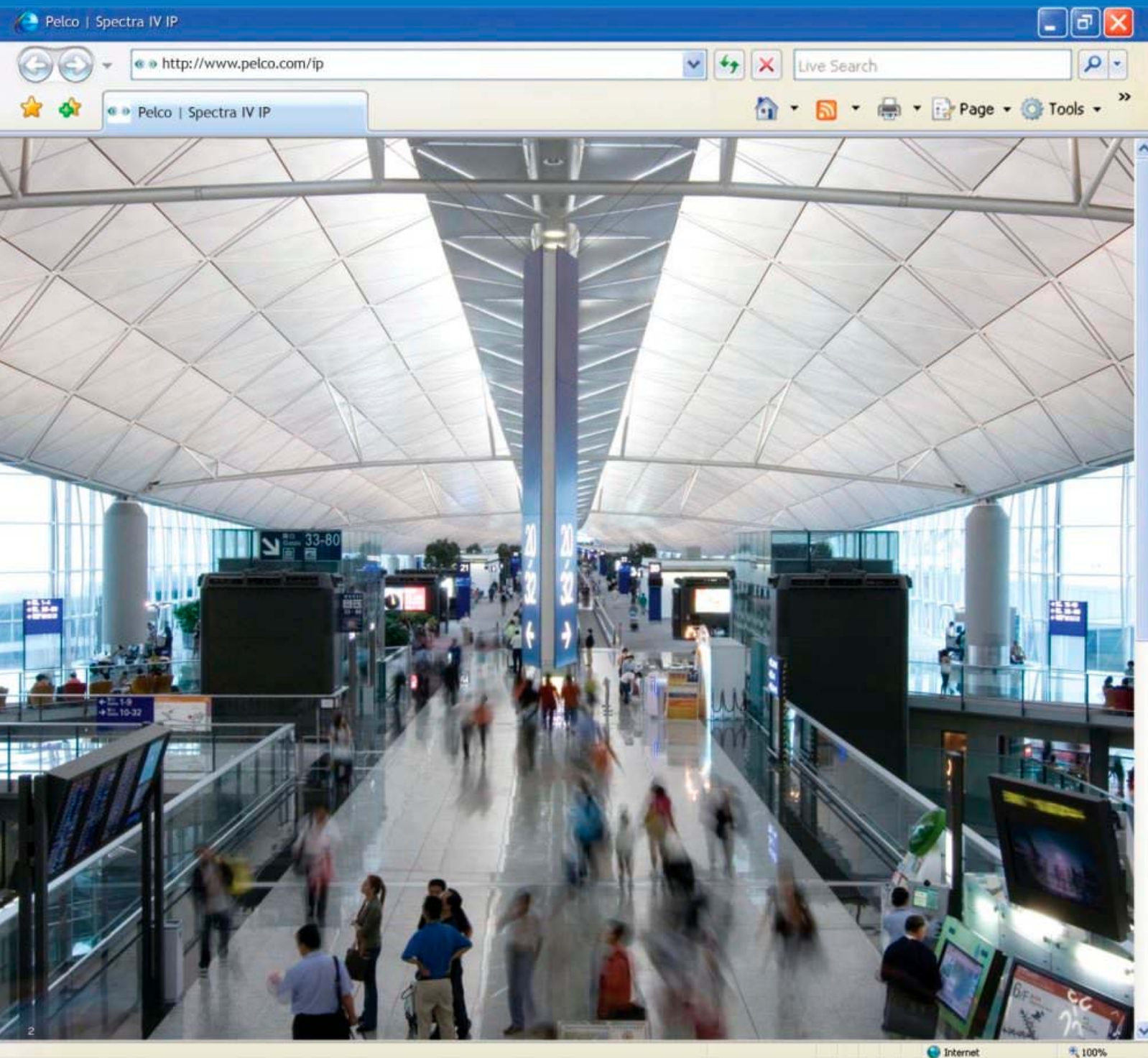
# Network-Based Camera Systems

A Higher Definition of Security





The ability to view high-quality, full-frame-rate video via IP, opens a world of opportunities for today's security professionals. In addition to the convenience of leveraging existing network infrastructures, video over IP can provide greater control, enhanced operational flexibility, improved management, and expanded recording, archiving, and integration capabilities over traditional analog cameras and systems.



# Pelco Network-Based Camera Systems.



From traditional fixed cameras to industry-leading positioning systems and state-of-the-art Sarix Mega-Performance technologies, Pelco has strategically developed a family of IP cameras to deliver the video you need, in any lighting condition, for any application.

## A Higher Definition of Security.

The combination of increasingly powerful network infrastructures and sophisticated algorithms for the efficient allocation and use of bandwidth has led to the demand for network-based IP cameras for a wide variety of applications. Pelco is leading the way with a host of cameras and camera systems specifically designed to meet the demands of today's security professional.

Because of our understanding of the ever-evolving demands placed on security installations, Pelco is uniquely positioned to deliver cutting-edge, network-based camera technologies. From high-resolution image quality and full frame-rate video to a clear understanding of bandwidth constraints, storage requirements and more, Pelco continues to broaden the market's understanding of what security – and IP-based security – can mean to your unique application.

Importantly, Pelco network camera systems are based upon an open architecture, working with all the popular IP protocols. With the ability to view and control these cameras through a standard Web browser, the Endura network-based video security system or through third-party software, Pelco network-based cameras deliver flexibility for any installation. And because no one can beat the performance and support that come with Pelco cameras, third-party manufacturers are already developing API documentation in order to bring Pelco cameras into network-based applications.

The result is the performance, versatility and flexibility you demand. The result is A Higher Definition of Security.



Real-Time Video at Your Fingertips



The Convergence of IT and Security



High-Resolution Video Over IP



IP Technologies for any Application



# Sarix™ Mega-Performance Technologies.

Pelco created the Sarix™ technology platform with one goal in mind – putting actionable information into the hands of security professionals. And Pelco has accomplished this by designing a versatile imaging platform that can adapt quickly to new technology, bringing you advanced cameras faster and in a variety of forms and enclosures.

## Innovative Technology. Powerful Imaging Capabilities.

As the demand for powerful camera systems comes in line with evolving technologies, Pelco has created the revolutionary Sarix™ imaging platform, signaling a new phase for the sophistication and capabilities of video security installations.

Sarix technology is initially available in the Pelco IX Series Mega-Performance Cameras. This technology is rooted in the goals of delivering advanced low-light capabilities in megapixel-class imaging, consistent application of color science across the family, and a flexible platform to deliver the additional processing power for an optional suite of analytics.

- **Innovative Image Science.** Featuring both High-Definition (HD) resolution and Standard-Definition (SD) resolution, Sarix based Mega-Performance Network Cameras deliver greater and more-detailed recognition of objects near or far. By taking advantage of the latest sensor technologies to multiply and average light per pixel, Sarix sets the new standard for low-light performance and sensitivity.

Furthermore, Sarix cameras use color science techniques that deliver consistent, detailed color across all cameras in the family. This consistency provides precise color reproduction regardless of the camera choice and allows for accurate subject tracking throughout the system.

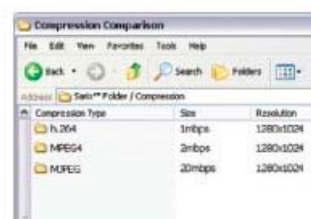
- **Processing Power.** The use of increased processing power results in high frame rate options, real-time images, and a choice of multiple compression methods including H.264 for optimized image quality and minimized bandwidth, resulting in improved network efficiency and reduced storage costs. For greater flexibility, users can choose from MJPEG or MPEG4 compression when needed. This additional processing power will also unlock the ability for options that include analytics with no compromise in video performance.
- **Industrial Design.** Sarix IX Series Network Cameras incorporate a number of innovative features. With Auto Back Focus (ABF), advance network camera setup options, local service jack for setup ease, and standard Power over Ethernet (PoE), Sarix-based camera systems are exceptionally easy to install and easy to focus. The new shape of IX Series network cameras also features an aesthetically pleasing design that complements new building architecture.



Sarix IX Series



Up to 3.0 Megapixel, HD Image



Choose from Three Compression Schemes

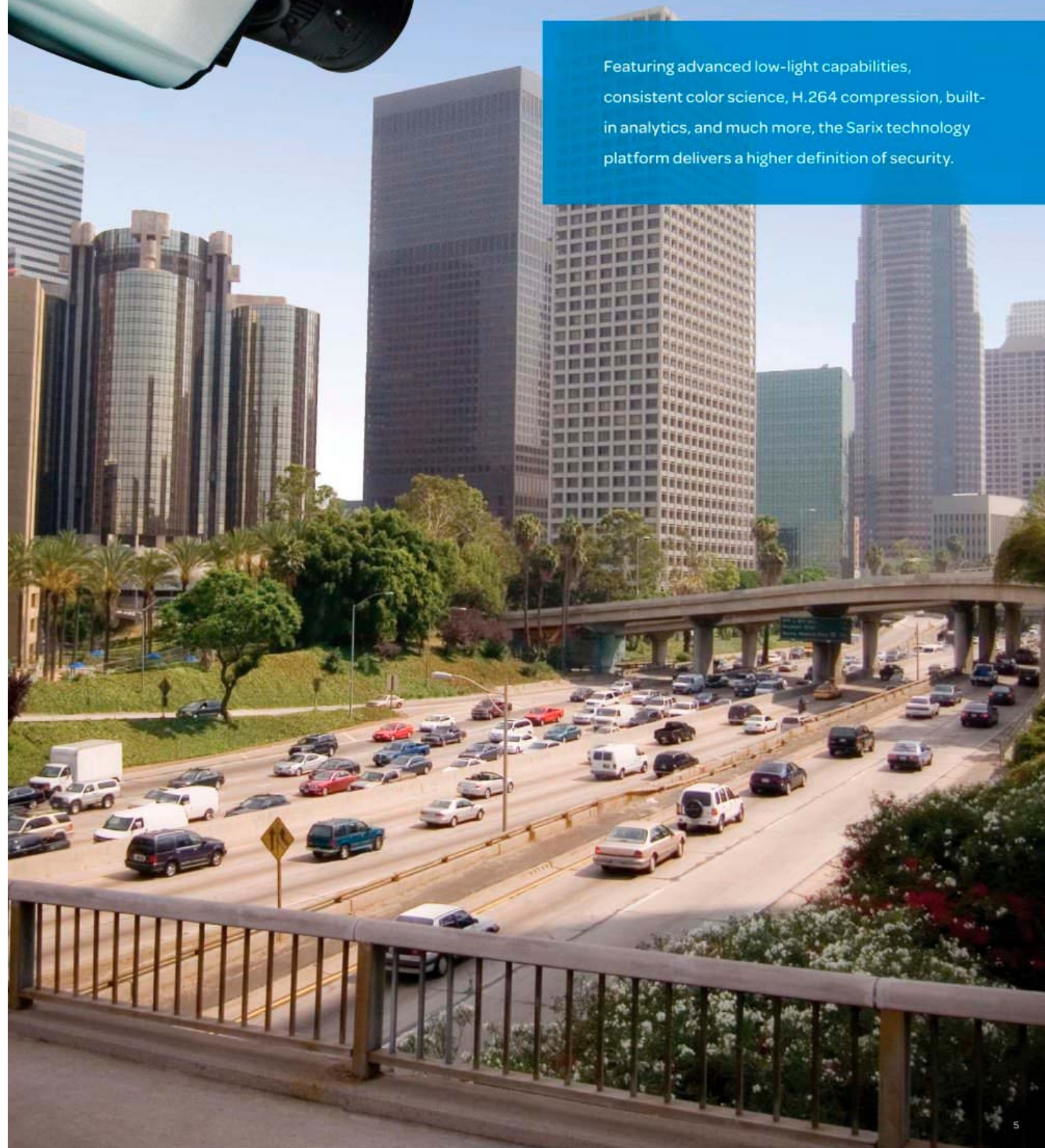


User Friendly Design

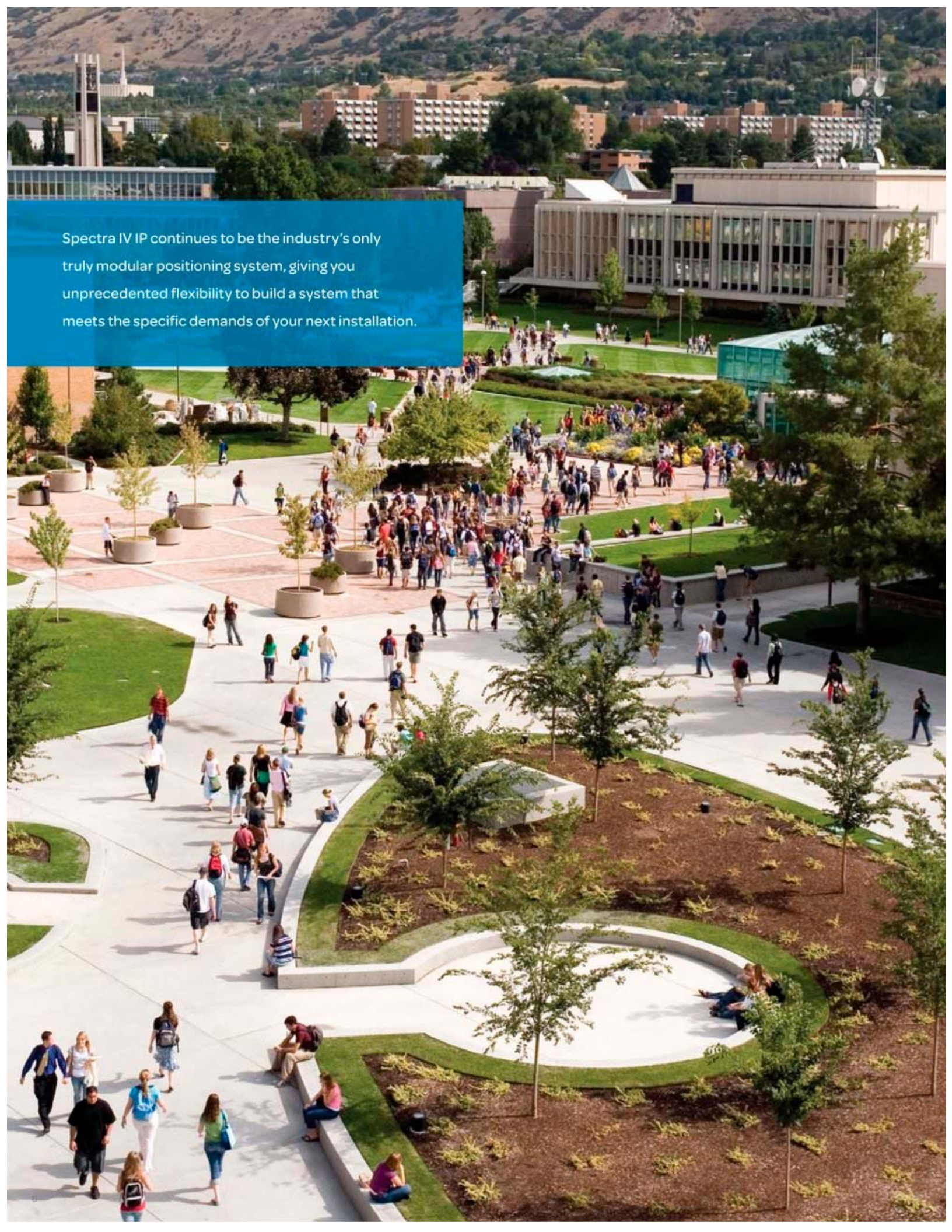




Featuring advanced low-light capabilities, consistent color science, H.264 compression, built-in analytics, and much more, the Sarix technology platform delivers a higher definition of security.







Spectra IV IP continues to be the industry's only truly modular positioning system, giving you unprecedented flexibility to build a system that meets the specific demands of your next installation.



# Spectra IV IP. This Changes Everything.



Spectra IV IP is a network camera positioning system with the features, responsiveness, and reliability of the most trusted name in the industry. Designed for the stringent – and unique – demands of security, Spectra IV IP seamlessly integrates into all video security applications while delivering first-of-its-kind, true hybrid functionality.

Featuring the advantages of a network camera with the performance of an analog system, Spectra IV IP is the best of both worlds and is guaranteed to be the benchmark for every IP-based positioning system to follow. With the sole exception being the indoor surface mount model, Spectra IV IP is available across the entire Spectra IV family, providing you the flexibility to deploy this advanced IP positioning system in any number of applications.

## A True IP System with Dual-System Functionality

First and foremost, Spectra IV IP is an advanced network-based camera positioning system designed as an edge appliance for deployment in any number of security applications. Delivering three simultaneous IP video streams, bi-directional audio and high-quality, real-time video (4CIF at 30 IPS), today's security professionals can view and control the industry's leading camera positioning system from virtually anywhere in the world.

And because Spectra IV IP has been designed with integration into existing network architectures in mind, it maintains all of the features found in its analog counterpart. With the ability to stream high-quality, real-time video directly from the dome to a network recording system, Spectra IV IP offers high-end IP functionality and recording flexibility. Importantly, Spectra IV IP still retains an analog video out and RS422 telemetry control so that users can benefit from both control of the dome and video over an IP network as well as over an analog system should they choose to do so. Moreover, customers can install an analog system and upgrade to Spectra IV IP at a later date.

## Spectra Horizon IP

From scanning the tops of buildings to looking up hills on a college campus, Spectra Horizon IP delivers a clear perspective. Because of bubble design, traditional domes have a minimal viewing area above the horizon before images become distorted. The unique elongated-sphere of the Spectra Horizon IP bubble enables you to see more without the distortion—with an additional 18 degrees of viewing area above the horizon.

Available with the 35x IOP, the Horizon Series is the latest addition to the Spectra family. The most recent in a prestigious history of high-quality and innovative technologies, Spectra Horizon IP is backed by Pelco's industry-leading customer service and support.



Choose from 35x, 23x, 22x and 16x Models



Multiple Communications Options




Ideal Choice for Any Application



Spectra Horizon Offers a Unique Perspective





New WDR pixel-based imagers digitize light at the point of capture, producing remarkably clear images in any lighting condition. The end result: digital video that's never looked so good.



# Camclosure IP. Wide Open Possibilities.



Mitigate risk, both physically and financially, with Pelco Camclosure IP Network Camera Systems. By leveraging existing network infrastructure, the new IP110 Series Camclosure adds value to your IT and security investment.

## Camclosure IP Integrated Camera Systems

Designed upon an open architecture with a built-in Web server, Camclosure IP systems can be viewed and controlled with a standard Web browser, as part of a Pelco enterprise-class Endura system or through third-party software. These network camera systems come standard with PoE, enabling both power and video to transmit on a single cable. Reduced cabling requirements make installation faster, easier, and cost effective. And because Camclosure IP systems feature new pixel-based imagers, security personnel work with images that deliver astonishing detail, regardless of the lighting condition.

Camclosure IP features triple-stream capability, allowing users to record, manage, configure and view three video streams simultaneously for predictable bandwidth control. Dual MPEG-scaleable (30 IPS) streams along with a scalable MJPEG stream maximize viewing flexibility.

Choose from a variety of lens and camera options to build the camera system that best meets your installation requirements.

- **Day/Night Wide Dynamic Range** – Engineered to adjust for extreme light changes, Camclosure IP Day/Night with WDR gives the end-user the maximum benefit for any environment – indoor, outdoor, extreme light or low light.
- **Day/Night High Resolution** – Capture crystal-clear images, whether the scene is lit by bright sunlight or dim moonlight. These systems are the definitive choice for around-the-clock security.
- **Wide Dynamic Range (WDR)** – WDR systems digitize light at the point of capture, producing clear, discernible images even when extremely light and dark objects appear in the same scene.
- **High Resolution** – The affordable, dependable choice for indoor and outdoor applications with more manageable lighting conditions requiring sharp detail.



Imagers Produce Detailed Video



Color WDR for Challenging Lighting Conditions



Day/Night Capabilities



High-Resolution Camera for the Detail You Need



# Spectra Mini IP & IP3701 Network Cameras.



Spectra Mini IP and the IP3701 Network Camera deliver high-quality video in aesthetically appealing, small form factors. Ideal for indoor applications, these powerful systems are easy to install and to use, while capturing the video you demand.

## Spectra Mini IP. A New Spin on Video over IP.

With 802.3af-compliant PoE, complete 360° PTZ control and high-quality, full-frame-rate video, Spectra Mini IP captures what others simply cannot. It is the smallest, most advanced IP-based positioning dome available and the ideal choice for indoor installations that require a discreet video security presence. As the industry's leading high-performance, network-based dome system, Spectra Mini IP delivers the speed, accuracy and responsiveness you've come to expect from Spectra products with the professional-level video you demand for your security applications.

Easy to install and even easier to operate, Spectra Mini IP takes advantage of an open architecture to work with both Pelco and third-party control systems. And because Spectra Mini IP is a high-end network appliance specifically designed for seamless integration with existing IT infrastructure, it is the ideal choice for retail, campus, gaming and a variety of other markets.

## IP3701. Fixed Network Camera.

IP3701 Series Color Network cameras add value to existing IT and security investments. Built upon an open architecture, users can view and control these reliable and affordable cameras with a standard Web browser, Endura network-based video security system or through third-party software.

Convenient PoE makes IP3701 installation easy and cost effective, extended dynamic range guarantees clear images in extreme lighting environments, and the distinctive design is ideal for use in confined spaces.

## Pelco Service and Support

Committed to delivering service and support second to none, Pelco has established an impressive array of customer service programs to complement our industry-leading products and solutions. From Guaranteed Ship Dates, to Local Service Centers, to the Pelco Global Training Institute, Pelco is committed to your success. You're never on your own when you're with Pelco.



Compact Design with Big System Performance



The Perfect Choice for Indoor Installations



IP3701 Color Camera



Unmatched Quality and Service









by **Schneider** Electric

*The recognized worldwide leader in video and security systems, Pelco boasts the most comprehensive array of products, services and expertise available in today's marketplace. And now as a member of the Schneider Electric family, Pelco brings a network of assets backed by the strength of a Fortune 500 company to help you define and achieve your business objectives.*

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