

Setting a Higher Definition of Security.

It's all in the details

Sarix™ technology defines the next generation of video security imaging performance.

sarix™

Mega-Performance Cameras.
A higher definition of security. Only from Pelco.

Sarix™ technology defines the next generation of video security imaging performance. Engineered and designed exclusively by Pelco, Sarix technology was created for security and IT professionals, by the world leader in video and security systems. For too long, network-based cameras failed to address a number of issues that are critical to security applications. But with Sarix technology, best-in-class imaging science delivers high-definition (HD) resolution, advanced lowlight capabilities, consistent color science, and fast processing power. Sarix puts the next generation of video security imaging performance within reach.



Pelco IX Series

Network Camera Systems Featuring Sarix Technology.



- 3.1 Megapixel High-Definition Network Camera
- 2.1 Megapixel Extended Platform (EP) High-Definition Network Camera
- 1.3 Megapixel High-Definition Network Camera
- 0.5 SVGA Standard-Definition Network Camera

Sarix Technology Platform

Imaging Science

Sarix sets the standard for low-light performance by multiplying and averaging light per pixel in order to provide the highest degree of sensitivity. Sarix technology also produces consistent detailed color across all products for accurate subject tracking.

- High-Definition (HD) Resolution
- Standard-Definition (SD) Resolution
- Advanced LowLight Capability
- Consistent Color Imaging
- True Day/Night Capability

Industrial Design

Sarix-Based IX Series Mega-Performance Cameras are designed to reduce installation time. Exceptionally easy-to-install and easy-to-focus, IX Series Mega-Performance Cameras also feature sleek, modern designs to complement new building architecture.

- Auto Back Focus (ABF)
- Local Service Jacks for Easy Installation
- PoE and 24VAC
- Advanced Network Camera Setup
- Mini SD Card Slot for Local Storage
- Sleek Modern Design

Processing Power

Sarix features h.264 compression for optimized image quality and minimized bandwidth, along with MJPEG or MPEG4 compression for the flexibility to meet various system requirements. Sarix Extended Platform (EP) IX Series Cameras also enables users to run selected analytics suites with no compromise in video performance.

- h.264, MJPEG and MPEG4 Compression
- Extended Platform (EP) for 30ips @ 720p (1.3mpx)
- Real-Time, High-Frame Rate Images
- Built-In Pelco Analytics and Optional Third Party Analytics



Advanced imaging science delivers consistent color and high sensitivity.



Sarix-Based IX Series Cameras feature a modern, sophisticated design.

A screenshot of a file explorer window titled 'Compression Comparison'. The window shows a table with columns for 'Compression Type', 'Size', and 'Resolution'. The table lists three compression types: h.264, MJPEG, and MPEG4. The h.264 row shows a size of 1mbps and a resolution of 1280x1024. The MJPEG row shows a size of 2mbps and a resolution of 1280x1024. The MPEG4 row shows a size of 3mbps and a resolution of 1280x1024.

Compression Type	Size	Resolution
h.264	1mbps	1280x1024
MJPEG	2mbps	1280x1024
MPEG4	3mbps	1280x1024

These are representative values, actual values are content dependent.

A Higher Definition of Security



Sarix-based high-definition megapixel network camera systems capture astonishing detail, making these imaging systems ideal for a wide range of security applications.

The Future Is Here

Sarix technology provides an adaptable platform that is easy to upgrade as newer technology becomes available to the market. As such, Sarix-based camera systems will be setting the standard in video security for years to come. And because of the versatile platform, a complete line of mini-dome and outdoor dome camera systems will also be available in video security. This powerful platform will first be available in the IX Series network cameras, the mega-performance, all digital imaging system, only from Pelco.

Get Plugged into Sarix

Pelco dedicated their efforts to the development of innovative technology for network cameras that not only addressed, but resolved, many of the issues professionals experienced with network cameras. Sarix technology delivers advanced network capabilities like quality of service (QoS), which enables users to prioritize video data in order to guarantee requirements for bandwidth, delay, jitter, and packet loss. Additionally, Sarix provides network authentication such as SSL/TLS for secure communications on the network.

Built on an open architecture, Sarix technology allows for full connectivity to the camera and analytics through an open Application Programming Interface (API). With this powerful tool, use your application to manage, view and record video from Sarix based mega-performance camera systems. It has never been easier to integrate the most trusted name in video security into any system.

For more information about Sarix mega-performance technology contact a Pelco Sales Representative, call (800) 289-9100 or (559) 292-1981.

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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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