



New-Generation Video

PRODUCT: Sarix IX Series Mega-Performance cameras
MANUFACTURER: Pelco

Surveillance equipment leader Pelco has launched a camera series that features both efficiency and cost savings. The company is calling the Sarix series the next generation of video surveillance technology for casinos considering HD and H.264 solutions.

The Sarix technology, engineered exclusively by Pelco, is available in the IX Series Mega-Performance camera.

The Sarix camera systems deliver top imaging science with high-definition resolution, consistent color science, and “unmatched” processing power, according to the company. Sarix features advanced low-light capabilities and built-in analytics.

The camera technology greatly enhances low-light performance by multiplying and averaging light per pixel to provide the highest sensitivity, making it perfect for monitoring table games.

Sarix technology also produces consistent, detailed color across all products for accurate subject tracking. IX Series Mega-Performance Cameras feature H.264 compression for optimized image quality and minimized bandwidth, along with MJPEG for MPEG4 compression for the flexibility to

meet various system requirements.

Sarix-based IX Series camera systems were designed to be open and adaptable. Built with open-source Linux, Sarix-based IX Series Cameras allow for seamless third-party integration with the Pelco Application Programming Interface (API). IX Series cameras ship with built-in analytics and run Pelco and third-party analytic suites.

IX Series cameras are easy to install, and feature a local service jack and “Auto Back Focus,” which provides a better focus than can be achieved with the naked eye. And because ABF can auto-focus for day and night modes, IX Series camera systems achieve optimum focus 24/7.

For more information call Pelco directly at 1-800-289-9100 or 559-292-1981, or visit the company’s website at www.pelco.com.

Low-Cost, High Quality

PRODUCT: eSynx-16 encoder
MANUFACTURER: Synectic Systems Inc.

At November’s Global Gaming Expo in Las Vegas, Synectic Systems Inc. unveiled its new eSynx-16 encoder and paddleboard, a powerful 16-channel, cost-efficient internal encoder that delivers high-quality video via H.264 compression, for casinos to record more at lower cost.

The U.K.-based company, a subsidiary of Quadnetics Group Plc, is an engineering, integration and manufacturing company with expertise in IT and networked systems.

Part of Synectics’ suite of digital recording solutions for the gaming surveillance industry, the eSynx-16 is an enhancement to Synectics’ Modular Digital Recording System (MDRS), a cost-effective, yet simple-to-use, surveillance solution for casinos.

The H.264 compression technology reduces storage requirements while recording high-quality video images at higher frame rates. Last year, Synectics was among the first in the gaming surveillance industry to announce the release of H.264 encoding, and the eSynx-16 represents another technological step forward for that product.

“Our gaming customers will quickly adopt the new eSynx-16 encoder,” says John Katnic, vice president and COO of Synectics, “because it gives them motion-picture-quality H.264 video, while reducing cost, physical footprint, heat and power consumption. It’s the classic ‘more for less’ technology improvement.”

The encoder resides on a networked server, connecting via HD68 SCSI cable to an external 1U Synectics paddleboard device installed on the back of the rack behind the server.



The paddleboard supports up to 16 analog camera inputs to communicate with the eSynx-16. Up to two of the PCIe encoders can be housed per 2U server to provide 32 channels of high-quality video recording in one box.

Because it fits into a small space, it is particularly appropriate for casino boats and other places where space and budget are limited.

When used with Synergy, Synectics’ command-and-control video management system, the low-cost, hardware-agnostic eSynx-16 encoder is ideal for surveillance applications where both analog and IP cameras must be monitored and recorded together.

The eSynx-16 is fully compatible with Synectics’ Synergy software suite, a video management application with custom third-party integrations tailored to the gaming industry.

For more information about Synectics, visit the company’s website at www.synecticsusa.com.