- Vertical: Industrial
- Country/City : Tehran, IRAN
- Model: IB8369, IP8337H-C, IB8367-T,FD8137H, FD8169, FD8164V, IP8338-H, SD8363E, FD8338-HV
- Software : VIVOTEK VAST with 200 licenses
- Total Quantity: 171

Marrying Tradition and the Future, VIVOTEK helps Chaponashr Printing and Publishing Factory Protect its Clients and Staff

Chaponashr - A Nimble & Forward-Thinking Publisher in the Heart of Iran

Iran has had a vibrant domestic printing and publishing industry since the introduction of typography and print-setting by Iranian entrepreneurs in the early 18th century, and the industry has continued to innovative and flourish ever since. Chaponashr Printing and Publishing Factory, an Iranian publishing firm located in Tehran, is one such innovative printing house. Chaponashr provides modern, digital print-on-demand services (POD), allowing booksellers and other interested clients to order and submit print jobs directly to the printing house via the internet. With its technologically-driven and forward-thinking business practices, Chaponashr represents both the past and future of Iran's innovative publishing industry, and in fact the future of all Iranian industries as the country moves forward into the 21st century.

The Challenge – How to Effectively Monitor a Large, Varied and Busy Printing Facility?

With business booming at Chaponashr, books, documents and other print media are "flying off the presses", and Chaponashr's large printing facility has a constant flow of paper stock, finished products and employees coming and going. With such a large and busy factory, varied lighting and environmental conditions throughout, and a growing need to ensure safety and security, managers at Chaponashr struggled with how to best monitor the movement of materials, visitors and employees through their facility. Seeking the monitoring solution most suited to these varied and demanding needs, management at Chaponashr enlisted the expertise and experience of Pooya Fara Negar (PFN) Technology, an IP networking products consultancy and distributor in Iran. Based on PFN Technology's appraisal and recommendation, Chaponashr ultimately chose to deploy a comprehensive and reliable suite of network cameras to fulfill their security and surveillance needs. And who could design and manufacture such a suite of network cameras? Only VIVOTEK.

The Solution – A Comprehensive Suite of VIVOTEK Cameras for the Best Surveillance Possible

VIVOTEK prides itself on its ability to deliver innovative network cameras and comprehensive monitoring solutions to clients around the world, and always welcomes a monitoring or security challenge with which to prove itself. Given the very particular monitoring demands and needs of Chaponash, a fleet of high-tech, robust and capable VIVOTEK network cameras were needed to get the job done right. As such, nine different VIVOTEK camera models were used, and a total of 171 cameras were installed at Chaponashr's facility, all networked using 2 Network Video Recorder (NVR) with VIVOTEK's own VA*ST* software.

Within Chaponashr's production & binding saloon, as well as the facility's main entrance, four 2-megapixel SD8363E speed dome network cameras were chosen for their 360-degree monitoring capability and 20x zoom function, allowing comprehensive monitoring of the facility's surroundings. Another seven FD8164V fixe dome network cameras, with 2-megapixel resolution and built-in a removable IR-cut filter for day and night visibility, were installed within the locker rooms and cafeteria space of the factory. Twelve more night-mode capable cameras, the 2-megapixel IB8367-T bullet network camera, were used in areas that required a camera with a remote focus function and with an IP66 rating, meaning this camera can withstand even the worst dust storms or heavy-rain events. Further complementing this already impressive line-up, VIVOTEK's IP8337H-C, IB8338-H and FD8338-HV (seventeen, seven and two units used, respectively), features with WDR Pro allows to clearly capture detailed features under high-contrast lighting conditions, such as entrances. The seven IB8338-H cameras in particular were installed at Chaponashr's more important entrances. The two FD8338-HV units, with their vandal-resistance and WDR Pro capability, were installed at Chaponashr's higher-security entrance for added protection.

A further ninety-two IB8369 bullet network cameras were installed throughout the facility as they provide a great cost-to-benefit ratio in terms of features – 2MP resolution, bullet form-factor and price, making for a great, cost-effective monitoring solution. Last but not least, a combination of FD8137H and FD8169 (a total of 11 units) were installed throughout Chaponashr's well-lit office space, making use of the two models' ability to handle natural or bright-lighting conditions thanks to WDR. Of course, all of these extremely capable network cameras would be nothing if not connected to two NVRs with 200 licenses in VIVOTEK's VAST software, allowing security footage to be recorded to a local-area network (LAN) and monitored in real-time from a centralized, secure location within Chaponashr's facility.

Thanks to the cooperation of these two innovative, forward-thinking firms, VIVOTEK once again has provided a high-tech, comprehensive monitoring solution to a company with a once difficult, but now superbly solved, security-monitoring dilemma. Chaponashr, Pooya Fara Negar (PFN) and VIVOTEK will continue to innovative and move forward in the 21st century within their respective industries, and consumers and clients alike will continue to benefit from their advancements. This again marks VIVOTEK's commitment to helping its customers bring their traditional industries into the future – protecting their heritage while innovating together. *That's the VIVOTEK Way.*