

Hungarian Spa in Hajdúszoboszló Enhances Its Security with VIVOTEK's Innovative Surveillance Solutions

Background

Hajdúszoboszló, a small town in Hungary, has been well known for its thermal spring with a healing power since 1920s. HungaroSpa, located in Hajdúszoboszló, offers to international tourists a variety of facilities, such as medical spas, open-air baths, aqua parks, and an aqua-palace. In order to create a safer, more comfortable and reliable environment for tourist, in January, 2013, the management hired Satrax, a system integrator in Hungary working with VIVOTEK and VIVOTEK local distributor Alphasonic, to upgrade the surveillance system at HungaroSpa by installing 173 VIVOTEK network cameras.

Enhanced Security, Increased Comfortability

For the center of the swimming pool (a 50 m X 50 m area), VIVOTEK's innovative and award-winning Panoramic PTZ solution was installed. Incorporating VIVOTEK's latest 5-Megapixel fisheye fixed dome network cameras and latest launched full HD speed dome network camera, the solution provides a 180° panoramic view or 360° surround view without blind spots, making it an especially ideal solution for monitoring open areas like the swimming pool and its surroundings. Panoramic PTZ offers wide coverage and can be used to monitor elderly tourists and emergency situations.

In addition to Panoramic PTZ, a variety of other cameras were implemented. Specifically, IP8332 was installed at entrances, outdoor swimming pools, and indoor spa pools because of its day & night function, weather-proof casing, and tamper detection features. IP8335H cameras, which feature an HD WDR CMOS sensor for use in challenging lighting conditions, were installed in outdoor swimming pools, which also open at night. IP7361 cameras were installed for outdoor swimming pools, entrances, and spa pools in the block. IP7361 is a high-end 2-megapixel network bullet camera with high resolution and a combination of outdoor specific features such as concealed wiring to prevent tampering. Additionally, the auto-iris capability can protect the lens from damage induced by direct sunlight.

FD8136 were installed for entrances and exits. As the world's smallest network fixed dome camera, FD8136 features a megapixel sensor enabling viewing resolution of 1280x800 at 30 fps. FD8134, an easy-to-use fixed dome network camera specifically designed for indoor security applications, were installed in the entrances to indoor dressing room (ceiling is about 2.6 m). IP8131 cameras were installed for the control center room, where 2 operators monitor the whole scene all time. IP8131 is a compact cube camera designed for indoor surveillance. Activities around the control center room, such as intrusion or vandalism, can be monitored. With supporting VIVOTEK's iViewer, the smart phone application, operators can monitor live video off-site.

The spa was equipped with several analog cameras. However, as the requirement for security increased, a more advanced and comprehensive network surveillance system is necessary. VIVOTEK's video server VS8100 was therefore adopted to connect to existed analog cameras, which the client wished to continue using. VS8100 was used to upgrade analog into digital surveillance system. Additionally, VAST, the central

management software, was also implemented. It was designed to support hundreds of cameras and stations in a hierarchical structure of system for monitoring, recording, playback, and event trigger management with ease-of-use and efficient control.

Bringing the tourists Safe and Enjoyable Vacations in HungaroSpa

Steve Ma, VIVOTEK's Executive VP commented, "We are proud to present an innovative panoramic PTZ to our clients. The entire surveillance network made possible by the advanced cameras and servers developed by our R&D team will guarantee 100% high-quality images for the spa management. We hope tourists from all around the world will be able to have safe and enjoyable vacations in the VIVOTEK-equipped environment."