

SUCCESS STORY

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Enjoy the Show – We'll Watch Your Car Car thief identified thanks to Basler IP surveillance cameras



Customer

- Customer: The Sports Arena
- Location: St. James, Long Island, NY, USA
- Industry: Leisure

Application

Silara Security Inc., a company located in Lake Ronkonkoma, NY, USA, installs IP cameras in sports arenas, night clubs, and restaurants. All of these places are locations where many people meet and where security plays an important role. One of the venues where surveillance cameras are installed is "The Sports Arena" in St. James, NY. Sporting events can take place here at any hour of the day or night. A popular target for thieves is the unattended cars left in the arena's parking lot for the duration of each event. The owner of the arena engaged Silara Security Inc. to improve the safety in the arena area by installing a surveillance system.

Solution and Benefits

Brian Sharbowicz of Silara Security designed a safety concept for the stadium that included the installation of Basler BIP-DI300c-dn IP Fixed Dome Cameras outside of the building to monitor the parking lot. Visitors at a sporting event can now concentrate on enjoying the show rather than worrying about their cars. Because events take place both during the day and at night, it is important that the cameras provide perfect images under varying, difficult illumination conditions. And due to the large image-object distance, high image resolution and excellent image quality are critical to achieving the required system performance.

During a recent daytime event, a car break-in actually occurred on the parking lot. However, images of the thief were acquired by the Basler camera and stored, and the high quality of the images allowed identification of the criminal.

Image Quality

Parking lot surveillance with Basler IP Cameras ensures safety, and the high quality of the images provides clear evidence in case of a crime. The use of an exceptional Sony CCD sensor in the Basler IP Cameras guarantees outstanding image quality even under difficult lighting conditions. This high image quality is crucial for positive facial identification of a car thief.

Day/Night Functionality

In this application, the lighting conditions vary dramatically from day to night. For images taken during the daytime, the user expects true color reproduction. At night, however, maximum sensitivity is more important because illumination is only provided by an infrared light source.

Basler IP Cameras use an automatically retractable IR-cut filter that is placed in front of the sensor in day mode and removed in night mode. When the filter is in front of the camera's sensor, the camera can properly represent colors using the visible light available during the daytime. At night, the filter is retracted and the camera can produce high quality black and white images when there is only infrared light available.

Easy Integration

Surveillance cameras must allow quick and easy integration into many common video management systems. In this case, the cameras' H.264 image compression format allows direct storage in the video management system for up to 30 days.

Technologies Used

- Basler BIP-DI300c-dn IP Dome Cameras
- NUUO-software running on Dell servers

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