

IVC APPLICATION NOTE:

Retail Store Monitoring



IVC IP-based video systems are ideally suited to provide a video surveillance and recording component of any retail loss prevention system. IVC's scalable networked architecture enables monitoring and recording of multiple retail locations from anywhere that has Internet access.

IVC offers a broad range of cameras to suit most viewing requirements. High-zoom PTZ cameras provide the flexibility for store security personnel to move the camera to monitor suspicious behavior. IVC software enhances cameras' optical zoom to potentially provide over 100x zooming capability. This can provide the detail necessary to accurately identify shoplifters and stolen goods.

Pan-tilt cameras are not always the best choice. For example, to continually and accurately monitor checkout transactions, fixed megapixel cameras may make more sense. IVC software supports digital zooming on stored video playback to get after the fact detail.

IVC's Relay Server software enables you to easily scale a video system for a small, single operation to a large, multi-site operation. Our software provides a single point of access and one interface to a variety of camera types and deployments.

Our View Station client software provides an easy to program multi-up, multi-monitor console interface to multiple camera networks. Included with the View Station is our Alarm Server software. This utility can facilitate the interface of the video surveillance system to other loss prevention hardware. In other words, alarms from other devices in the store can cause camera operations to automatically be invoked. Cameras can be moved and recording started so that the cause of the alarm condition can be viewed.

IVC's Relay Server software includes the ability to manage network bandwidth so use of video on a network infrastructure is efficient. Security features of the software include several levels of user authentication and tamper detection of stored video.

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