

Video Surveillance Technology - A Primer - by Bill Wallmuller

Video surveillance equipment technology is used in many ways for the benefit of society as a whole. The technology is used to study, among other things, the workload among pilots and air-traffic controllers, evaluation of driver reactions to warning devices at railroad crossings, and studies of the behavior of sleep-deprived locomotive engineers, just to name a few. The equipment includes video cameras, digital video recorders, digital video cameras, and CCTV [closed circuit TV] video cameras. Events such as the 9-11 terrorist attack in the United States of America and the ever present threat of more terror attacks has resulted in video surveillance equipment becoming more popular than any time before.

This equipment and technology is used in various different portions of society including government agencies, security agencies, companies and businesses, schools, and public and private transport vehicles. Video surveillance equipment is also a welcomed technology in places where round the clock human intervention is needed but not possible. As an example, the New York City Transit system [including the subway and tunnel and bridge authority] uses video surveillance equipment for monitoring underground traffic and stations.

There are many components to video surveillance equipment technology such as cameras, software, digital image cameras, infrared sensors, monitors and so on. Surveillance technology has become an invaluable tool for business when it is properly used. It can lessen the liability and workers' compensation premiums, fraudulent insurance claims, and may help in the deterrence and apprehension of dishonest workers and customers. Present-day technology by the way of computer networks and the Internet additionally provides the capability to watch a business concern remotely from home or other locations.

There are many varieties of cameras and digital video recorders for various applications. Examples of these are entrance and exit cameras, cash register and counter cameras, internal cameras, outdoor cameras and digital recorders are the main components of a digital video surveillance system. Prices for the equipment standard for a four camera digital video recording system for a small retail or office type business can cost a person at least several thousands of dollars plus the cost of labor of installation. As you might expect medium, large and project level businesses will need to spend proportionately more to satisfy their individual security requirements.

Whatever expenses incurred in buying video surveillance equipment is worth the effort and expense. This is because this technology not only reduces the cost of security but also helps in curbing crime and vandalism. There are very few companies, which do not use video surveillance equipment for some purpose or the other. Total sales in video surveillance technology are on the increase. They will continue to do so due to the effectiveness and versatility of this technology.

More information about video surveillance equipment is available at the <http://www.surveillance-equipment-technology.com> website.

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