

The advantages of CCTV

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Potential advantages

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One of the immediately obvious advantages is that the unit is no subject to the failure of any type of wiring. The cameras make use of wireless technology to accomplish the task at hand. This absence of wiring that could fail or be cut means there is much less chance of something going wrong with the unit, or that a clever thief can circumvent the system by severing the connection. Short of ripping the entire camera out of place, there is not much that will slow the unit down. Another advantage has to do with the clarity of the images that are captured. Most of these wireless units have a high-resolution image that makes it very easy to identify faces and other physical characteristics. This makes the cameras ideal for use as part of the security for research facilities and other establishments. Security personnel can easily monitor all activities within range of the cameras, and clearly note any suspicious or unauthorized behaviour, while getting a clear image of the person engaged in the activities.

Recording is another advantage of these wireless cameras. In times past, storing recordings could be quite a task. From magnetic tape to VHS tapes, storage could become quite a problem. Many of the units on the market today make use of CDR technology, making it possible to store more hours of surveillance on a single disk. This can be crucial for law enforcement officials, as well as persons who are responsible for conducting security in office buildings and manufacturing facilities.

Another advantage of these newer models of wireless surveillance units is that they are usually less expensive than most people would think. In fact, it is possible to purchase these types of cameras at a significantly less amount per unit than many of the wired counterparts on the market today. Coupled with the fact that wireless units make for much easier installation, it should come as no wonder that more and more people are choosing to go wireless for their security camera needs.

Potential disadvantages

The following are some of the potential weaknesses of IP cameras in comparison to other CCTV cameras.

· Disadvantages are that they are costly, do not always work (as they are not set up in the right places) and manipulate with people's privacy.

- Higher initial cost per camera. [citation needed]
- Fewer choices of manufacturers. [citation needed]
- Lack of standards. Different IP cameras may encode video differently or use a different programming interface. This means a particular camera model should be deployed only with compatible IP video recording solutions. [citation needed]
- Technical barrier. Installation for IP camera required a series of complicated network setting including IP address, DDNS, router setting and port forwarding. [citation needed] This is very difficult for most users to do without help from an IT technician.
- Lower dynamic range - i.e. reduced ability to cope with low light and high contrast scenes. [citation needed]

Vulnerable to hacking, and hoaxing via internet (numerous instances of false bomb threats being called in as hoaxers watch on web); criminals can hack into a facility's CCTV system to observe security measures and personnel, thereby facilitating criminal acts and proving the IP technology to be counterproductive

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Advantages and Disadvantages

Gees of CCTV Cameras



CCTV Monitoring



CCTV for Surveillance

CCTV camera system is being widely employed as a security system for surveillance in offices as well as homes. It is used for monitoring purposes to keep a close vigil. Not only in closed or private places; CCTV camera system extends as a security system in public and crowded places like traffic intersections, malls, shops, etc.

As with the case of any technology or security system device, a CCTV camera system has its own pros and cons.

Advantages of CCTV Camera System

1. Deters Crime

The presence of CCTV camera system for surveillance will reduce petty thefts and vandalism in shops, malls and other public places. Since the activities are being monitored, fewer nuisances are likely to be created. It also reduces the losses due to shoplifting.

2. Helps Maintain Records

The images and videos captured by a CCTV camera system are often recorded and stored into a database. These are helpful in maintaining records so that they can be easily retrieved later, when needed.

3. Protects Employees

This is particularly helpful in customer service centers. The employees providing customer service may sometimes be subjected to verbal abuse or physical attacks. CCTV camera system helps to identify such instances and act immediately. It is also helpful to keep a tab on the activities of the employees.

4. For Evidence in Lawsuits

In legal cases of thefts and other forms of crime, videos and images provided by the CCTV camera system can serve as a valid proof and evidence against the defaulter. This assists in making legal claims as well.

Disadvantages of CCTV Camera System

1. Do Not Work Always

CCTV camera system cannot monitor every area of your office or home at all times. Hence it cannot be considered as a foolproof method for crime prevention.

2. Privacy Concerns

Invasion of privacy is the major issue when it comes to any security system device like the CCTV camera system. It lowers the employee morale and hampers productivity at times. Constant monitoring of every activity might put the workers ill at ease.

3. Initial Costs

The initial costs incurred per camera are high. The installation may also increase the initial expenditure. It depends upon the complexity of the CCTV camera system as well.

Advantages and disadvantages School Camera

Best Answer - Chosen by Asker

When it comes to ensuring safety for schoolchildren, nothing seems to work better than school security cameras. Many

school districts have already turned to the use of security surveillance equipment to improve the safety of their schools. If

your school district has not taken this step yet, it would be good for parents and school officials alike to review some of

the advantage and disadvantage to school security cameras.

Below is a listing of advantages and disadvantages when considering installing security cameras in your school. Advantage of installing security cameras Safety is the most obvious benefit to having high quality school security

cameras installed. School security cameras can provide evidence if there has been any breach of safety or conduct.

These cameras continually monitor the schoolchildren and others around to help police officials detect criminal or

suspicious activity in the school premises. Thus, should an investigation ensue, school security cameras

prove invaluable as evidence. Installing such school security cameras can also mean curtailing the spread of crime within a school. Most criminals are less likely to commit crimes if there is a surveillance camera installed. Security Cameras in schools function as deterrents to violent acts and vandalism. Parents are more assured once they know that there are school security cameras installed in a school. They have the comfort and assurance of knowing that their children are relatively safe because the school is monitored. Care must be taken though to ensure that video footage is actually being monitored on a regular and timely basis. A sense of security can be dangerous if the security measures implemented are not being properly utilized.

Disadvantage of installing security cameras Just as in any other security system, even in the case of installing school security cameras there are certain disadvantages. The initial expenses of installation and maintenance activities in the future can be deterrents to getting school security cameras installed. There is a definite cost involved to purchasing, installing, and monitoring security surveillance cameras. While this can be a definite hindrance to some school districts, it is important to research all of your options before you completely dismiss the idea due to cost concerns. The cost of surveillance equipment has dropped dramatically over recent years, and many systems require very little effort to install and maintain. With a little bit of research, this drawback may be easily overcome.

The school would need to purchase and then install the school security cameras followed by frequent monitoring of such cameras. Consider the personnel required to monitor the school security cameras on a regular basis and the time consumption that it may entail. However, it is important that every school conduct extensive research on its part, to avoid dismissing the installation of school security cameras simply because of high costs. School security cameras are now more affordable as costs of product and installation have reduced in the last couple of years. One of the other drawbacks of installing school security cameras is the threat of facing legal liabilities. A parent may take legal action if they find that their child's privacy is being violated. Therefore, a thorough research is essential before installing school security cameras. Any risks of potential privacy violations can be avoided with a clear understanding of where

and how security cameras can be installed. This article had hopefully helped in making an informed decision when installing school security cameras.

Hope this information helped you...