Basics of Choosing Your CCTV Cameras by Aiken

Article published on July 24th 2012 | Home

Choosing the right CCTV camera is a very important decision with a lot of important considerations and large potential repercussions. Choose the right CCTV and you can keep your belongings and your property safe, keep an eye on your home or business and generally have tighter control over what goes on in your property. However on the other hand if you should choose the wrong CCTV camera then it can fail you when you need it most and this can end up leaving you with a lot of money lost and a lot of damages to your property. Here then we will look at some of the basics when choosing your CCTV cameras, what the different options and features are, and how to pick the right security system for you.

Analogue or Digital

The first thing you should decide is whether you need an analogue or a digital CCTV camera. For the vast majority of businesses and homes the best solution here is digital, though in some rare instances you might also benefit from analogue. The difference is in the way that the devices record and store information, and while digital cameras create files to be stored on an internal hardisk or on a memory card, an analogue camera will record onto a VHS recorder meaning that you need lots of blank tapes (or to record over old footage) and that you can only record from one 'channel' (camera) at a time. Analogue CCTV cameras are also limited in what they will let you do with the footage, but on the positive side you might want to use them if you are a technophobe, or if you are worried about things crashing or going wrong.

Resolution and File Size

The next thing you should consider when using digital cameras is the resolution and file size. The resolution here refers to both the 'temporal' and 'spatial' resolution, the former meaning the framerate and the latter meaning the clarity of the image (the definition). Higher resolutions will cost you more and will often result in a larger file size, but on the plus side you will be more likely to make out the face of a thief, and less likely to miss the action because of the framerate being too jerky. This will also all depend on the file format though that your camera uses, and some formats are capable of higher resolutions without taking up too much memory.

IP CCTV

IP CCTV stands for 'Internet Protocol' CCTV and is one of the most useful features for any security system. Basically IP CCTV means wireless CCTV which in turn means that you can place the camera anywhere with no need to dig through the insulation of your walls. This allows you to move the cameras more easily too to adapt to layout changes and to catch out trespassers, and it also enables you to view the footage remotely using any device with an internet connection.

Motion Sensor

Using digital CCTV it is possible to incorporate a motion sensor so that you only record footage with things happening, and you can even use more advanced video analysis software to identify when there is a person on the camera.

Article Source:
http://www.articleside.com/home-articles/basics-of-choosing-your-cctv-cameras.htm - Article Side

Aiken - About Author:
Australias best quality a Security Systems Sydney. Visit our site to see our a CCTV Systems Sydney in action.

Article Keywords:
Security Systems Sydney, CCTV Systems Sydney

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!