

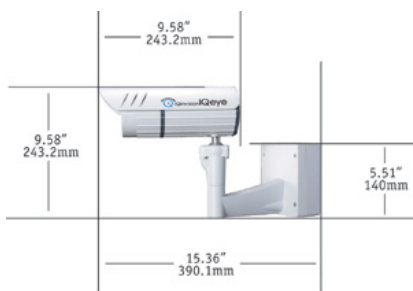


Application Note

Using a High Resolution IP Camera to build a quality time lapse film

There are many applications in biology, meteorology and the construction and entertainment industries where the ability to capture very high resolution time lapse images can offer a new insight into the natural world or as a high quality project management or promotional tool.

Most time lapse photography is created with digital SLR camera technology, our innovative solution uses mega pixel IP CCTV cameras with resolutions ranging from 1.3 million to 5 million pixels. While this resolution is not as high as that provided by SLR cameras; most films are designed to be shown on either web sites or during lap top presentations. Here the resolution is the limited by the PC screen and often the main limiting factor is the data transmission bandwidth available over the internet.



Camera weight(without lens): 96oz (2839g)

We have therefore developed a solutions in which we can up load a specially created script which manages the image acquisition to a megapixel IP camera. The camera will transfer an image at a preset time interval via the ftp protocol to a PC. These .jpeg images, which are time stamped, are then combined into an .avi file on the PC to create a movie which can be played under a wide range

of third party programs, for example Microsoft's Windows Media player.

To load the script into the camera is a very simple operation:

The camera is be accessed via FTP which allows access to the camera data folders etc.

Load up an FTP client and connect to the camera via its IP address.

Use the provided login and password credentials

Once logged into the camera, you navigate to the "Flash" folder and paste the script into this folder.

Restart the camera and the script will become active.

The key advantage of using this solution is after set up it requires no manual intervention, the camera will continue to transfer images on a regular basis for as long as you want to record for. An example of a long term films is the Olympic Stadium in London with images recorded from before the construction phase began to the closing ceremony of the Para Olympic games.

For More Information Contact

Smart CCTV Ltd
16 The Oakwood Centre
Downley Rd,
Havant PO9 2NP

Tel 02392 456560

www.smartcctvlimited.com