

Abstract

Security system in the control room using a video surveillance system are still "borrow" the human eye for the continued supervision of the action if things do not want to happen, this man has a weakness which must always watch the monitor and sometimes negligent or sleepy. so that the vulnerable will lose important information because there are many weaknesses in the human side that require mobility, and human nature another.

In this final assignment have built a monitoring system utilizing helper image processing mechanism derived from surveillance cameras, called the Smart Video Surveillance. This system has the ability to detect or least movement in the image frame sequence. The method used is Background subtraction which has made the adjustment mechanism to increase the flexibility and the ability to detect motion in the system.

Test results showed that the system is capable of detecting motion with high accuracy andnd when the feasible time proceses, So the system can be declared To apply the monitoring mechanism on-line

Keywords : security system, video sureillance, information, detection, moving, image, accuracy